

**AGENDA**  
**EAST GOSHEN TOWNSHIP**  
**BOARD OF SUPERVISORS**

Tuesday, June 20, 2017

6:00 PM Executive Session

7:00 PM Public Meeting

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 the Board met in executive session prior to tonight’s meeting to discuss pending legal matter.
  - b. Announce that the Township received an award from the Transportation Management Association of Chester County for the Paoli Pike Trail.
  - c. Announce the Board will meet on June 22<sup>nd</sup> to consider a recommendation from the Hershey Mill Dam Committee for the Hershey Mill Dam Park Project.
  - d. Announce the Board will meet on June 27<sup>th</sup> at Fugett Middle School for Emergency Services Response to a Pipeline Incident
  - e. Announce that the Chester County Planning Commission is soliciting public opinion for the new Comprehensive Plan Landscapes 3 at <http://chescoplanning.org/survey.cfm>
6. Public Hearing - none
7. Emergency Services Reports
  - WEGO – none
  - Goshen Fire Co – none
  - Malvern Fire Co – none
  - Fire Marshal – none
8. [Financial Report – May 2017](#)
9. Old Business
  - a. [Consider recommendation regarding the trees at the Marydell Pond](#)
10. New Business
  - a. [Consider Milltown Dam Park and Open Space Plan.](#)
  - b. [Consider Proposal for Design of Reservoir Enhancements at Milltown Dam.](#)
  - c. [Consider a request to adopt a seismic ordinance.](#)
  - d. [Consider recommendation for a backhoe](#)
  - e. [Consider West Goshen Sewer Agreement](#)
11. Any Other Matter
12. Approval of Minutes
  - a. [May 23, 2017](#)
  - b. [May 24, 2017](#)
  - c. [June 6, 2017](#)
13. [Treasurer’s Report – June 15, 2017](#)
14. Liaison Reports
15. Correspondence, Reports of Interest

- a. May 16, 2017 Notice of intent to submit an operating permit application for existing equipment at 1303 Goshen Parkway.
- b. June 1, 2017 Notice of intent to submit an application for a GP-11 to PA DEP for the removal of sediment and the installation of scour protection at the bridge on Ellis Lane.

16. Public Comment – Hearing of Residents

17. 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:

Jun 20, 2017	Board of Supervisors/Milltown Dam Committee	07:00pm
Jun 22, 2017	Paoli Pike Corridor Master Plan	06:00pm
Jun 22, 2017	Board of Supervisors/Hershey's Mill Dam Committee/Paoli Pike Corridor Master Plan	07:00pm
Jun 27, 2017	Board of Supervisors (Sunoco)	06:00pm
Jul 04, 2017	Independence Day–Office Closed	-----
Jul 06, 2017	Park and Rec Commission	07:00pm
Jul 10, 2017	Municipal Authority	07:00pm
Jul 11, 2017	Board of Supervisors	07:00pm

Newsletter Deadlines for Fall of 2017: August 1st

# Memo

---

To: Board of Supervisors  
From: Jon Altshul  
Re: May 2017 Financial Report  
Date: June 9, 2017

---

Net of pass-through accounts, as of May 31<sup>st</sup>, the general fund had revenues of \$5,847,903 and expenses of \$4,421,039 for a year-to-date surplus of \$1,426,864. Compared to the YTD budget, revenues were \$621,663 over budget and expenses were \$7,179 over budget for a favorable budget variance of \$614,484. As of May 31<sup>st</sup>, the general fund balance was \$6,351,648.

On the expense side, Public Works was \$61,091 under-budget due to the mild winter and the timing for storm water expenses, both of which were partially offset by under budgeting for vehicle maintenance and repair as well as an earlier than anticipated start to road work. Administration was \$32,141 over-budget due to building repairs; Codes was \$26,862 over-budget due to lower than projected permit revenue. Parks and Recreation was \$56,971 over-budget due to the Bicentennial Event occurring in June (instead of August). Emergency Services was right at its budgeted level.

On the revenue side, Real Estate Transfer Tax is now \$484,769 over budget due to the sale of a large commercial building in March; Earned Income Tax continues to have a strong year and is now \$170,037 over-budget.

## Other funds

- The **State Liquid Fuels Fund** had \$525,574 revenues and \$0 expenses. The fund balance was \$525,876.
- The **Sinking Fund** had \$196,581 in revenues and \$672,878 in expenses. The fund balance is \$5,602,977.
- The **Transportation Fund** had \$2,990 in revenues and \$0 in expenses. The fund balance is \$1,077,849.
- The **Sewer Operating Fund** had \$1,880,892 in revenues and \$1,122,039 in expenses. The fund balance is \$1,311,029.
- The **Refuse Fund** had \$536,883 in revenues and \$429,528 in expenses. The fund balance is \$724,262.
- The **Sewer Sinking Fund** had \$968 in revenues and \$37,088 in expenses. The fund balance is \$2,047,744.
- The **Operating Reserve Fund** had \$1,882 in revenues and no expenses. The fund balance is \$2,492,486.
- The **Events Fund** had \$7 in revenues and no expenses. The fund balance is \$60,034.

**EAST GOSHEN TOWNSHIP**  
**MAY 2017 GENERAL FUND SUMMARY**  
**May 31, 2017**

Account Title	Annual Budget	Y-T-D Budget	Y-T-D Actual	Budget-Actual Variance
<b>GENERAL FUND</b>				
EMERGENCY SERVICES EXPENSES	4,520,632	2,403,308	2,406,552	3,244
PUBLIC WORKS EXPENSES	2,615,463	880,500	809,882	(70,618)
ADMINISTRATION EXPENSES	1,883,346	672,784	690,298	17,514
ZONING/PERMITS/CODES EXPENSES	413,748	165,585	166,501	916
PARK AND RECREATION EXPENSES	682,542	236,792	292,912	56,120
<b>TOTAL CORE FUNCTION EXPENSES</b>	<b>10,115,731</b>	<b>4,358,969</b>	<b>4,366,144</b>	<b>7,175</b>
EMERGENCY SERVICES REVENUES	61,480	11,405	15,253	3,848
PUBLIC WORKS REVENUES	1,005,147	138,285	128,758	(9,527)
ADMINISTRATION REVENUES	377,720	130,289	115,662	(14,627)
ZONING/PERMITS/CODES REVENUES	279,875	117,599	91,653	(25,946)
PARK AND RECREATION REVENUES	272,435	45,650	44,799	(852)
<b>TOTAL CORE FUNCTION REVENUES</b>	<b>1,996,657</b>	<b>443,228</b>	<b>396,124</b>	<b>(47,104)</b>
<b>NET EMERGENCY SERVICES EXPENSES</b>	<b>4,459,152</b>	<b>2,391,903</b>	<b>2,391,299</b>	<b>(604)</b>
<b>NET PUBLIC WORKS EXPENSES</b>	<b>1,610,316</b>	<b>742,215</b>	<b>681,124</b>	<b>(61,091)</b>
<b>NET ADMINISTRATION EXPENSES</b>	<b>1,505,626</b>	<b>542,495</b>	<b>574,636</b>	<b>32,141</b>
<b>NET ZONING/PERMITS/CODES EXPENSES</b>	<b>133,873</b>	<b>47,986</b>	<b>74,848</b>	<b>26,862</b>
<b>NET PARK AND RECREATION EXPENSES</b>	<b>410,107</b>	<b>191,142</b>	<b>248,113</b>	<b>56,971</b>
<b>CORE FUNCTION NET SUBTOTAL</b>	<b>8,119,074</b>	<b>3,915,741</b>	<b>3,970,020</b>	<b>54,279</b>
DEBT - PRINCIPAL	520,999	0	0	0
DEBT - INTEREST	129,198	54,891	54,895	4
<b>TOTAL DEBT</b>	<b>650,197</b>	<b>54,891</b>	<b>54,895</b>	<b>4</b>
<b>TOTAL CORE FUNCTION NET</b>	<b>8,769,271</b>	<b>3,970,632</b>	<b>4,024,915</b>	<b>54,283</b>
<b>NON-CORE FUNCTION REVENUE</b>				
EARNED INCOME TAX	4,916,400	2,232,972	2,403,009	170,037
REAL ESTATE PROPERTY TAX	2,027,128	1,927,662	1,937,156	9,494
REAL ESTATE TRANSFER TAX	525,000	212,500	697,269	484,769
CABLE TV FRANCHISE TAX	473,690	236,844	240,456	3,612
LOCAL SERVICES TAX	348,000	159,958	154,587	(5,371)
OTHER INCOME	40,341	13,076	19,302	6,226
<b>TOTAL NON CORE FUNCTION REVENUE</b>	<b>8,330,559</b>	<b>4,783,012</b>	<b>5,451,779</b>	<b>668,767</b>
<b>NET RESULT</b>	<b>(438,712)</b>	<b>812,380</b>	<b>1,426,864</b>	<b>614,484</b>

SUMMARY OF FUNDS REPORT (AKA "JOE REPORT")  
 ALL FUNDS MAY 2017  
 \* NOTE: GENERAL FUND INCLUDES PASS-THROUGH ACCOUNTS

	GENERAL FUND*	LIQUID FUELS STATE FUND	SINKING FUND	TRANSPORT. FUND	SEWER OP. FUND	REFUSE FUND	SEWER SINK FUND	OPERATING RESERVE	EVENTS FUND	TOWNSHIP FUNDS	MUNICIPAL AUTHORITY
<b>01/01/17 BEGINNING BALANCE</b>	<b>\$5,099,106</b>	<b>\$302</b>	<b>6,079,275</b>	<b>1,074,859</b>	<b>552,175</b>	<b>616,907</b>	<b>\$2,083,864</b>	<b>\$2,490,604</b>	<b>\$60,027</b>	<b>\$18,057,119</b>	<b>\$1,415,651</b>
<b>RECEIPTS</b>											
310 TAXES	\$5,451,819	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,451,819	\$0
320 LICENSES & PERMITS	\$11,699	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,699	\$0
330 FINES & FORFEITS	\$17,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,502	\$0
340 INTERESTS & RENTS	\$63,242	\$63	\$5,576	\$2,197	\$338	\$1,033	\$968	\$1,882	\$7	\$75,306	\$3,550
350 INTERGOVERNMENTAL	\$50	\$525,511	\$191,005	\$0	\$0	\$0	\$0	\$0	\$0	\$716,566	\$0
360 CHARGES FOR SERVICES	\$152,106	\$0	\$0	\$0	\$1,880,554	\$535,850	\$0	\$0	\$0	\$2,568,510	\$5,692
380 MISCELLANEOUS REVENUES	\$403,236	\$0	\$0	\$793	\$0	\$0	\$0	\$0	\$0	\$404,029	\$0
390 OTHER FINANCING SOURCES	\$99,181	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,181	\$65,000
	<b>\$6,198,835</b>	<b>\$525,574</b>	<b>\$196,581</b>	<b>\$2,990</b>	<b>\$1,880,892</b>	<b>\$536,883</b>	<b>\$968</b>	<b>\$1,882</b>	<b>\$7</b>	<b>\$9,344,611</b>	<b>\$74,242</b>
<b>EXPENDITURES</b>											
400 GENERAL GOVERNMENT	\$554,831	\$0	\$255,021	\$0	\$0	\$0	\$37,088	\$0	\$0	\$846,939	\$0
410 PUBLIC SAFETY	\$2,998,515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,998,515	\$0
420 HEALTH & WELFARE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
426 SANITATION & REFUSE	\$41,506	\$0	\$0	\$0	\$905,661	\$429,528	\$0	\$0	\$0	\$1,376,695	\$290,418
430 HIGHWAYS,ROADS & STREETS	\$657,608	\$0	\$155,519	\$0	\$0	\$0	\$0	\$0	\$0	\$813,126	\$0
450 CULTURE-RECREATION	\$261,866	\$0	\$104,874	\$0	\$0	\$0	\$0	\$0	\$0	\$366,741	\$0
460 CONSERVATION & DEVELOPMENT	\$2,080	\$0	\$157,465	\$0	\$0	\$0	\$0	\$0	\$0	\$159,545	\$0
470 DEBT SERVICE	\$75,701	\$0	\$0	\$0	\$151,378	\$0	\$0	\$0	\$0	\$227,078	\$0
480 MISCELLANEOUS EXPENDITURES	\$336,694	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$336,694	\$0
490 OTHER FINANCING USES	\$0	\$0	\$0	\$0	\$65,000	\$0	\$0	\$0	\$0	\$65,000	\$0
	<b>\$4,928,801</b>	<b>\$0</b>	<b>\$672,878</b>	<b>\$0</b>	<b>\$1,122,039</b>	<b>\$429,528</b>	<b>\$37,088</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,190,333</b>	<b>\$290,418</b>
<b>2017 SURPLUS/(DEFICIT)*</b>	<b>1,270,034</b>	<b>\$525,574</b>	<b>(\$476,298)</b>	<b>\$2,990</b>	<b>\$758,853</b>	<b>\$107,356</b>	<b>(\$36,120)</b>	<b>\$1,882</b>	<b>\$7</b>	<b>\$2,154,278</b>	<b>(\$216,175)</b>
<b>CLEARING ACCOUNT ADJUSTMENTS</b>	<b>(\$17,492)</b>										
<b>5/31/2017 ENDING BALANCE</b>	<b>\$6,351,648</b>	<b>\$525,876</b>	<b>\$5,602,977</b>	<b>\$1,077,849</b>	<b>\$1,311,029</b>	<b>\$724,262</b>	<b>\$2,047,744</b>	<b>\$2,492,486</b>	<b>\$60,034</b>	<b>\$20,193,905</b>	<b>\$1,199,475</b>

June 15, 2017

Dear East Goshen Township Board of Supervisors:

The Conservancy Board, at its meeting on June 14, 2017, has voted regarding the planting that occurred around the pond located off Barker Drive in Marydell. The Conservancy Board now makes the following recommendation.

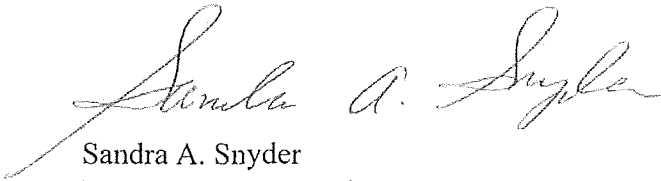
The Conservancy Board recommends, in support of Township supervisor Michael Lynch, that a full and comprehensive pond study be conducted to determine the health and welfare of the pond in Marydell. The Conservancy Board recommends that a plan for the future of the pond area be developed; in accordance with the outcome. The Conservancy Board recommends that the Board of Supervisors abide by the recommendations of the entity tasked with the study of the Marydell pond.

The Conservancy Board recommends that no changes be made to the present landscape surrounding the pond off Barker Drive in Marydell, until such a time as a full and comprehensive pond study can take place.

We would also recommend that the Board of Supervisors allow the Conservancy Board to be fully involved during the process detailed herein, and allow the Conservancy Board to review the findings, and/or outcome of any study or report conducted

By way of further recommendation, the Conservancy Board states that if removal of the trees surrounding the pond is recommend, through the comprehensive study, we recommend a Fall or Spring removal and replanting to ensure the survival of the trees.

Thank you for your time and considerations.

A handwritten signature in cursive script, appearing to read "Sandra A. Snyder".

Sandra A. Snyder  
East Goshen Township  
Conservancy Board Chairman

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

June 12, 2017

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

Re: Milltown Dam Park & Open Space Master Plan  
Dated May 25, 2017

Dear Board Members:

At their meeting on May 25, 2017 the Milltown Dam Committee unanimously approved a motion to recommend that the Board of Supervisors to approve the draft plan as presented at the May 25, 2017 meeting with the following conditions:

- Provide for a possible future trail on the south side of East Strasburg Road
- Grade for future parking during the initial construction
- Provide for a possible future access from the south
- Provide for other site amenities (benches, picnic tables, etc.)

Sincerely,



Louis F. Smith, Jr.  
Township Manager

Cc: Milltown Dam Committee

# Memo

## East Goshen Township

Date: June 13, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Design of Reservoir Enhancements at Milltown Dam.

RS

If the Board approves the Draft Milltown Dam Park and Open Space Plan, we will need to design those improvements, so that they can be permitted and constructed. The most cost effective way to accomplish this would be to have Simone Collins work with Gannet Fleming to incorporate their design into the plans Gannet Fleming is preparing for partially breaching the dam.

Attached is a proposal from Gannet Fleming. Under this proposal Simone Collins is a subcontractor to Gannet Fleming.

**Suggested Motion:** I move that we accept the June 12, 2017 proposal from Gannet Fleming for the Design of Reservoir Enhancements at Milltown Dam.





*Excellence Delivered **As Promised***

June 12, 2017

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

Dear Mr. Smith,

**Subject: Dam Related Engineering Services for East Goshen Township  
Design of Reservoir Enhancements at Milltown Dam**

As requested by East Goshen Township (Township), we are pleased to provide the enclosed scope and fee proposal for professional engineering/landscape architecture services needed to design and submit applicable permit application(s) for various enhancements located throughout the Milltown Dam (DEP ID No. D15-146) reservoir. The following provides our understanding of the project and presents our detailed scope of work and assumptions for the project.

#### **UNDERSTANDING OF THE PROJECT**

East Goshen Township has secured the services of Simone Collins Landscape Architecture to provide a collaborative effort between the Township and the community to develop a master plan for the dewatered Milltown Reservoir. This study culminated in the development of a final Master Plan which was presented to the Township on March 22, 2017. This Master Plan recommended various enhancements throughout the reservoir which include, but are not limited to, establishment of a stream channel through the reservoir, an open water pond, two parking areas along Reservoir Road, various footpaths, boardwalks and a fishing pier, and vegetative landscaping. The scope and fee provided herein is intended to advance the concepts shown on the final Master Plan through final design and permitting. The final Master Plan for which this proposal is based is included as Attachment 1. This scope and fee proposal assumes that Gannett Fleming will be the prime consultant and Simone Collins Landscape Architecture will serve as a subconsultant to Gannett Fleming. The work to be performed by Simone Collins Landscape Architecture is detailed in their proposal dated June 7, 2017, which is provided within Attachment 2.

Gannett Fleming, Inc.

**SCOPE OF SERVICES**

The following provides our understanding of the scope of services and our proposed work plan for advancing the concepts shown within the final Master Plan through final design and permitting. It is anticipated that this work will be a collaborative effort between Gannett Fleming and Simone Collins Landscape Architecture. In general, Gannett Fleming will provide survey services, hydrologic and hydraulic analysis, stream channel design and permitting services. Simone Collins Landscape Architecture will support Gannett Fleming on the design of the stream channel and open water features and take the lead on planning plans and hardscape features such as boardwalks, signage, site furnishings, etc.

**Task 1 Topographic Survey of Dewatered Reservoir:** The Township is currently undertaking a phased drawdown of the Milltown Reservoir which is expected to be completed by the fall of 2017. Once the drawdown is complete, a topographic survey of the reservoir will be performed to develop an accurate base map of the in-reservoir conditions. This survey is needed to determine key elevations throughout the reservoir to support the channel/pond design and associated grading activities. The survey limits will generally cover those portions of the Milltown Reservoir property where grading activities are expected to occur, starting at the dam embankment and extending upstream to the culvert crossing under East Strasburg Road. The topographic survey of the reservoir will be merged into the previously developed base mapping from the Gannett Fleming survey performed in 2015.

**Task 2 Layout and Design of Stream Channel and Open Water Features:** It is anticipated that the layout and design of the reservoir enhancements will be a collaborative effort between Gannett Fleming and Simone Collins Landscape Architecture, with Gannett Fleming taking the lead on the design of the stream channel and open water features. Work under Task 2 will be performed by Gannett Fleming (refer to Task 4 and Attachment 2 for work to be performed by Simone Collins Landscape Architecture).

- a) We will conduct an assessment of the stream channel within a stable upstream or downstream section. We will conduct a Rosgen Level II classification, which includes fluvial geomorphological assessments of stream dimension, pattern, and profile characteristics through collecting and evaluating field data. The geomorphic work will be performed and/or supervised by experienced Level IV Rosgen-trained stream restoration staff. Results will be summarized in a Technical Memo Report. This assumes a suitable reference reach can be located to characterize the design reach.
- b) We will review H&H modeling of the drainage area and as appropriate for stream restoration. We will work internally to determine a suitable discharge for the bypass channel and the amount of water required to maintain pond stability. Initially, discharge estimates (Q) will be based on TR-20 modeling in conjunction

with field channel measurements and other methodologies. The TR-20 Q values will be compared with regional curves available from the literature. Next, Q will be computed using resistance equations and relative roughness values derived from channel material sampling. Then, we will perform a comparative analysis using the H&H model to document the final design discharge needed to maintain a stream channel and to replenish the proposed pond. Refer to Task 3 for additional hydrologic and hydraulic modeling to support the design of the stream channel and open water features.

- c) We will evaluate the geomorphic data collected during the assessment to determine the proposed channel type, size and shape. We will design the proposed geomorphic shape (i.e., typical sections) and layout of the channel based on reference reach geomorphic parameters or other methods to minimize/eliminate instability. The proposed layout will consider avoidance and minimization of sensitive environmental features, such as wetlands and specimen trees, as well as infrastructure and as well as floodplain limitations (i.e., no increase in 100-year flood level in areas of a FEMA delineated floodway). We will also design the proposed profile for the stream invert. Sediment transport will be evaluated to calibrate the optimum shape of the channel needed to move sediment. In addition, bed degradation and aggradation analyses will be conducted to determine suitable features needed for a stable channel configuration.
- d) Produce preliminary design plans (i.e., 50% drawings). It is anticipated that the reservoir enhancement drawings will be incorporated with the drawings for the Hazard Reclassification of Milltown Dam, as previously authorized by the Township under Service Authorization No. 7, to form a single drawing set. The following drawings are anticipated to layout and detail the stream channel and open water features:
- An overall site plan showing the proposed conditions.
  - Geometry plan sheets showing the proposed stream baseline and stakeout coordinate information.
  - Typical cross sections.
  - Grading plan sheets. Grading plans will show: existing and proposed topography, proposed baseline (centerline) plan and alignment, locations of cross sections measured during the simplified assessment, general locations of restoration measures, utilities, proposed access and staging areas, property lines/owner information, key environmental features (e.g. specimen trees, wetlands, etc.), limits of the 100 year flood plain as determined by H&H analyses and other key environmental areas for avoidance. Development of grading plans will be a combined effort between Gannett Fleming and Simone Collins Landscape Architecture.
  - Channel profile(s).
  - Details for proposed treatments and revetments.

- Quantity and cost estimate for proposed stream work.
- e) We will prepare a final design submission. This submission will include a revised Report and Plan submission that will further present the methods, data summaries and interpretive results pertaining to the development of stream restoration or retrofit design variables. This report will be an update from the preliminary report and will include:
- A comment response cover letter detailing our responses to significant comments on the preliminary design submission;
  - Updated report text and plans based on comments from the preliminary submission and progression of the design;
  - Prepare sequence of construction in conjunction with others;
  - Update computations if design revisions changed inputs;
  - Updated H&H computations if input parameters change;
  - Coordinate with Simone on special provisions and specifications. In addition to our “off the shelf” special provisions, we anticipate having to develop several new special provisions; and
  - Updated cost estimate with revised quantities.

**Task 3 Hydrologic and Hydraulic Analyses:** In support of Task 2, Gannett Fleming will complete hydrologic and hydraulic analyses to support the design and permitting of the reservoir enhancements and to finalize the evaluation of floodplain management considerations. Engineering services under this item will include:

- a) Hydrologic analysis to develop representative low-flow or average flow streamflow statistics for the watershed to inform the design of the diversion weirs and temporary construction diversion(s), if required. Gannett Fleming will provide Simone Collins with recommended weir dimensions for detailing by Simone Collins.
- b) Development of a 2D hydraulic model of the reservoir area based on updated survey. The model will be used to evaluate low flows as well as flood flows for existing and several iterations of proposed conditions to support the design of the reservoir enhancements as well as revetments.
- c) Evaluation of extent and size of erosion protection within the reservoir enhancement.
- d) Updating of 1D hydraulic model developed under previous authorizations to represent the proposed reservoir enhancements. The model will be used to confirm the consistency of the full project (dam modifications and reservoir enhancements) with floodplain management regulations.
- e) Documentation of analyses. A report will be prepared to document the hydrologic and hydraulic analyses.

**Task 4 Layout and Design of Reservoir Enhancements:** Work of Task 4 will primarily be performed by Simone Collins Landscape Architecture with engineering support by Gannett Fleming (refer to Task 6). Work includes development of preliminary grading plans, layout and detailing of park improvements such as walkways, trails, parking areas, boardwalks, and bridges, development of planting plans, site signage and site furnishings. The work to be performed by Simone Collins Landscape Architecture is detailed in their proposal dated June 7, 2017, which is provided as Attachment 2. An allocation of ten percent has been applied to support Gannett Fleming's management and oversight of the work by Simone Collins Landscape Architecture.

Anticipated drawings in support of the layout and design of the reservoir enhancements include layout and dimensioning plans, grading plans, planting plans and details, and miscellaneous site details.

**Task 5 Environmental and Permitting Services:** It is anticipated that the reservoir enhancements will be permitted through the Pennsylvania Department of Environmental Protection (DEP), Division of Dam Safety as part of the Dam Permit Application which is being prepared by Gannett Fleming under Service Authorization No. 7. The scope and fee provided herein represents the effort needed to incorporate the reservoir enhancements into the dam permit/erosion control permit applications.

- a) Assessment of Environmental Impacts. Gannett Fleming will incorporate the reservoir enhancement features which occur within the jurisdictional limits of regulated waters and wetlands into the Dam Permit Application to be submitted to DEP, Division of Dam Safety. This scope and fee assumes that a separate General Permit or Individual Permit will not be required for individual structures and project features to be placed within the reservoir footprint area.
- b) Erosion and Sediment Control Plan. Erosion and Sediment Control (E&S) Plan approval will be required from the Chester County Conservation District for the reservoir enhancements. Gannett Fleming will prepare an E&S Plan for the reservoir enhancements and merge this plan with the E&S Plan for the dam modifications previously authorized by the Township under Service Authorization No. 7. It is anticipated that the majority, if not all of the project site will be permitted under Chapter 105 by DEP Division of Dam Safety and the remaining area (if any) to be permitted under Chapter 102 will be less than one acre. Consequently, it is assumed that a NPDES Permit for Stormwater Discharges Associated with Construction Activities will not be required.

Following development of the preliminary design for the reservoir enhancements (50% drawings), a pre-application meeting will be held with DEP, Division of Dam Safety, to review the entire project and obtain feedback on the permitting process. Please note that preparation for and attendance of a pre-application meeting was previously authorized by the Township under Service Authorization No. 7 (see Assumption No. 5). The attached scope and fee assumes that the project will be self-

mitigating. Should the reviewing agencies require additional mitigation, a separate scope and fee will be prepared for this work activity.

**Task 6 Engineering Support Services:** It is anticipated that Gannett Fleming will provide engineering services to support the design of the various site enhancements proposed by Simone Collins Landscape Architecture. These activities include structural design of the pond control weirs and boardwalk/pedestrian bridge foundations. Technical specifications will be prepared for the work described on the drawings. Specification will either be placed on the drawings or provided in CSI format.

**Task 7 Drawdown Permit Closeout Activities:** The phased drawdown authorization from DEP Dam Safety issued on May 3, 2017 requires 1) the work to be performed under the oversight and supervision of a registered professional engineer and 2) the submission of a "Dam Completion Certification" at the completion of the project. Gannett Fleming will perform one site visit to observe the initial Phase 1 spillway notching activities and a second site visit at the completion of the Phase 3 spillway notching activities to observe the completed project. The Township will provide photographs and measurements to Gannett Fleming during the Phase 1, 2 and 3 notching activities as supplemental information to confirm that the intermediate work has been performed in accordance with the approved plans. Gannett Fleming will complete and submit the "Dam Completion Certification" to DEP Dam Safety on behalf of the Township.

**Task 8 Meetings:** The scope and fee provided herein assumes the Gannett Fleming/Simone Collins Landscape Architecture design team will attend the following:

- Pre-application meeting with the reviewing agencies (refer to Assumption No. 5).
- Simone Collins will facilitate one public meeting which will be attended by Gannett Fleming.
- Up to two project development meetings will be attended by the Gannett Fleming/Simone Collins Landscape Architecture design team.

#### **ASSUMPTIONS**

The following assumptions were made in the preparation of this scope and fee proposal:

1. It is assumed that detailed hydraulic analysis of temporary construction phasing is not needed.
2. FEMA regulatory floodways currently exist upstream and downstream of the reservoir, but a regulatory floodway is not defined within the reservoir area. Floodplain encroachment analyses and development of an application for a FEMA Letter of Map Revision are not included in the current proposal, but could be included in a future authorization if requested by the Township.
3. It is assumed that hydraulic sizing of footbridges is not required.

4. It is assumed that the environmental investigations previously prepared under Gannett Fleming Service Authorization No. 7, including the PNDI Search, Phase I Bog Turtle Study, PHMC coordination, and Environmental Assessment are applicable for the reservoir enhancements and no additional field work, agency coordination or report preparation/revision is required.
5. Gannett Fleming's fee for the pre-application meeting was previously authorized under Service Authorization No. 7. No additional fee for Gannett Fleming is included within this proposal for the pre-application meeting. The scope and fee for Simone Collins Landscape Architecture assumes that they will attend this meeting.
6. It is assumed that the project is self-mitigating. The enclosed scope and fee proposal does not include preparation of mitigation plan(s) for impacts associated with wetlands, waterways, etc. Should mitigation be required, a separate scope and fee will be provided to the Township.
7. GF assumes that permit application and impact fees would be waived for a municipality or will be paid by the Township and are not included within the fee estimate.
8. Gannett Fleming does not guarantee approval of permit applications.
9. It is anticipated that construction access to the work area will be from Reservoir Road (Township Highway) and not be from a State highway. Consequently, a Township and/or PennDOT Highway Occupancy Permit will not be required.
10. The attached scope and fee does not include subsurface geotechnical exploration or soil testing. Geotechnical parameters needed for structural design will be based on conservative assumptions.
11. It is assumed that the project will not require relocation of existing utilities or extensions of existing/new utilities to the site.
12. This scope and fee estimate does not include preparation of bid documents or bidding and construction phase services.

**COMPENSATION**

Our proposed lump sum fee for Tasks 1 through 8, as described within this proposal letter, is as follows:

Task 1:	Topographic Survey:.....	\$12,310
Task 2:	Layout & Design of Stream Channel and Open Water Features:.....	\$95,780
Task 3:	Hydrologic and Hydraulic Analysis: .....	\$18,790
Task 4:	Layout and Design of Reservoir Enhancements (Simone Collins): ....	\$91,706
	Gannett Fleming Management and Oversight (10%): .....	\$9,170
Task 5:	Environmental and Permitting Services: .....	\$12,580
Task 6:	Engineering Support Services:.....	\$9,660
Task 7:	Drawdown Permit Closeout Activities: .....	\$3,750
Task 8:	Meetings: .....	\$4,614
	<u>Total Lump Sum Fee (Tasks 1 through 8):.....</u>	<u>\$258,360</u>

**SCHEDULE**

GF is prepared to begin work on this assignment as soon as notice to proceed is issued by the Township. Our anticipated schedule is as follows:

- Notice to proceed from the Township is anticipated in June/July 2017.
- Perform topographic survey (Task 1) of the dewatered reservoir in the fall of 2017. Timing of survey will be dependent upon the drawdown schedule and weather conditions. Survey data will be processed and a base map developed within four weeks from completing field survey.
- Layout and design of the stream channel and open water features will be developed to 50% within three months following of the development of the base map. Plans will be developed to a point where regulated activities can be assessed.
- A pre-application meeting will be held with the regulatory agencies. Note that Gannett Fleming’s fee for this meeting was previously authorized under Service Authorization No. 7. Additional fee has been included herein (i.e., within Task 2) to allow Simone Collins Landscape Architecture to attend this meeting.
- Within two months following the pre-application meeting, the drawings, specifications and permit applications will be advanced to 95% for review by the Township. If mitigation is required by the reviewing agencies, a separate scope, fee and schedule will be prepared.
- Following the Township’s review, the drawings, specifications and permit applications will be finalized and submitted to the reviewing agencies.



***Gannett Fleming***

Mr. Rick Smith  
East Goshen Township

9

June 12, 2017  
Milltown Dam Reservoir Enhancements

These services can be provided under our current Master Services Agreement. Should the Township choose to secure our services to for the work as described within this proposal, we will provide you with a Service Authorization under a separate cover letter to amend our Master Services Agreement for this work activity. If you have any questions about the proposed services or need additional information, please do not hesitate to call me or Mr. Paul Schweiger of our office at 717-763-7212, extensions 2828 and 2504, respectively. We thank you for the opportunity to provide this proposal and look forward to continuing our relationship with the Township.

Sincerely,

GANNETT FLEMING, INC.  
Environmental Resources Division

ERIC C. NEAST, P.E.  
Project Manager  
Dams and Hydraulics Section

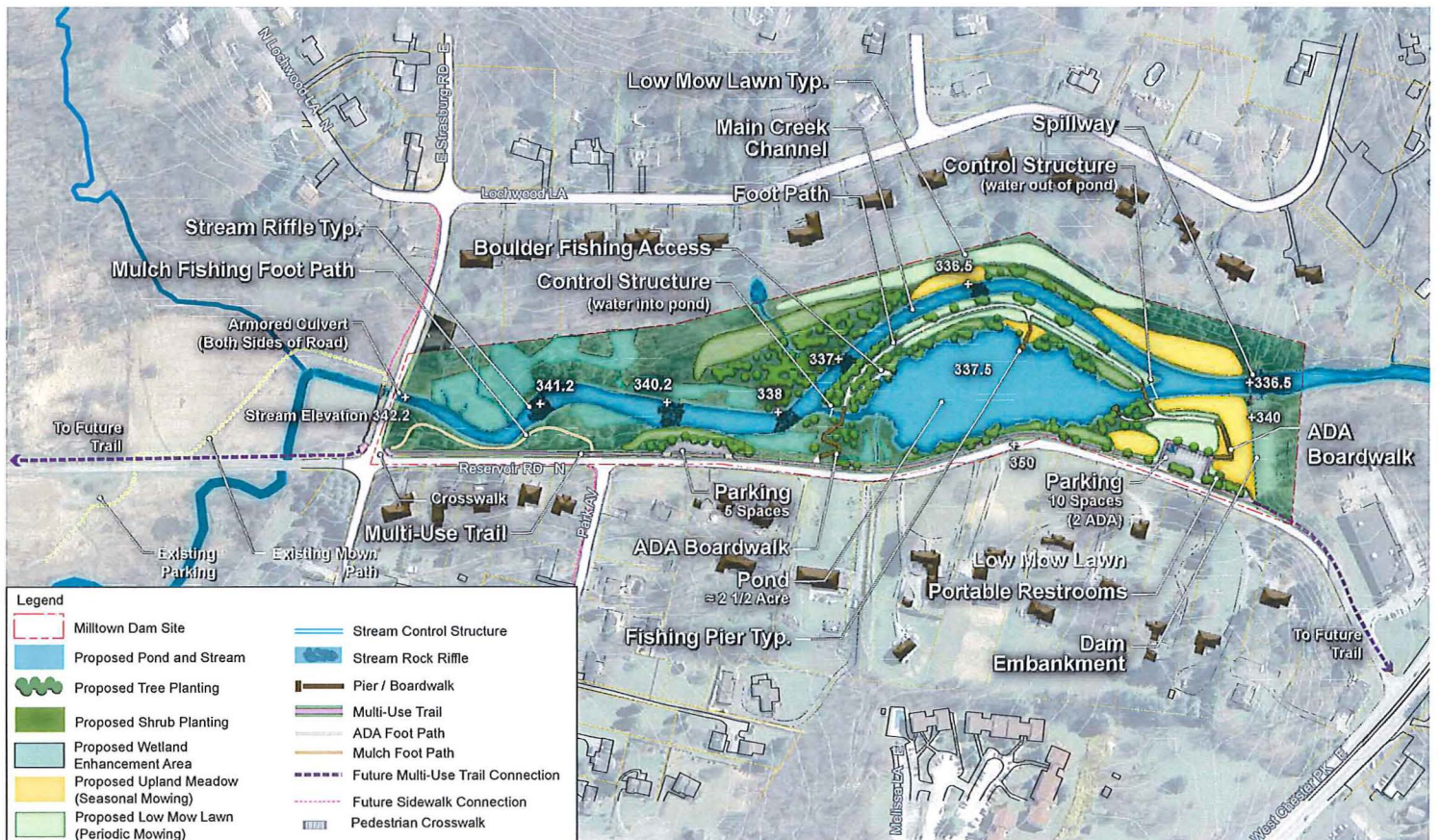
---

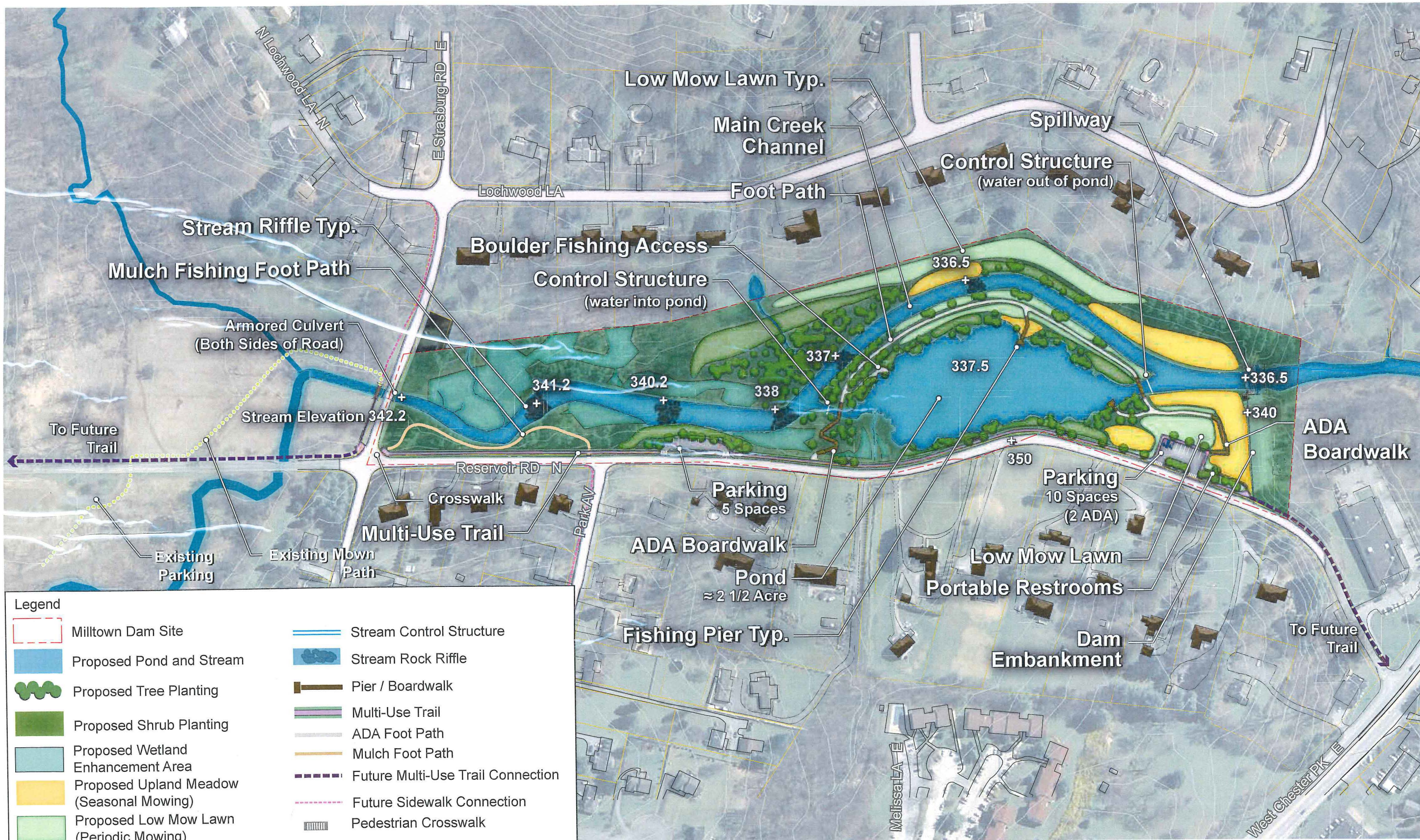
---

**ATTACHMENT 1**  
**MILLTOWN DAM MASTER PLAN**

---

---





Legend	
	Milltown Dam Site
	Proposed Pond and Stream
	Proposed Tree Planting
	Proposed Shrub Planting
	Proposed Wetland Enhancement Area
	Proposed Upland Meadow (Seasonal Mowing)
	Proposed Low Mow Lawn (Periodic Mowing)
	Stream Control Structure
	Stream Rock Riffle
	Pier / Boardwalk
	Multi-Use Trail
	ADA Foot Path
	Mulch Foot Path
	Future Multi-Use Trail Connection
	Future Sidewalk Connection
	Pedestrian Crosswalk

**Gannett Fleming**  
Mr. Rick Smith  
East Goshen Township

12

June 12, 2017  
Milltown Dam Reservoir Enhancements

---

**ATTACHMENT 2**  
**PROPOSAL FROM SIMONE COLLINS LANDSCAPE ARCHITECTURE**

---



May 26, 2017  
Revised May 31, 2017  
*Revised June 7, 2017*

Eric C. Neast, P.E. Project Manager  
Gannett Fleming Inc.  
Environmental Resources Division  
PO Box 67100  
Harrisburg, PA 17106-7100  
[eneast@GFNET.com](mailto:eneast@GFNET.com)  
717.636.7211

Milltown Dam Park  
SC No.: 17029.10  
Re: Proposal for Construction Documentation Services

Dear Mr. Neast:

Enclosed you will find the SC project understanding, scope of work, and task fee schedule for the development Milltown Dam Park Construction Documents.

Due to the importance to have a streamlined design and permitting process Gannett Fleming (GF) will act as prime consultant and SC serve as a sub consultant to GF.

SC has retained the services of Princeton Hydro to advise us on issues relating to habitat creation for both flora and fauna. Princeton Hydro will provide SC with advice and consultation on plant species selection, habitat and site maintenance practices during establishment and stabilization of all plantings, details of creek step pools and fish habitat creation, detailed creek and pond stabilization techniques and other project detailing related to natural systems in the park. Princeton Hydro will also provide SC advice on alternative approaches for planting, species selection, and animal habitat creation based on their other related project experience.

Sincerely,  
SIMONE COLLINS, INC.  
LANDSCAPE ARCHITECTURE

A handwritten signature in blue ink, appearing to read "Peter M. Simone".

Peter M. Simone, RLA, FASLA  
President

---

## **Project Understanding**

---

East Goshen Township will implement improvements to change the current Milltown Dam to a low hazard dam as defined by PA DEP. Gannett Fleming (GF) has been retained by the Township to perform the necessary engineering and obtain the necessary permits to affect this work.

Simone Collins (SC) has reviewed the GF proposal as the basis of understanding of GF work. SC understands that the GF proposal does not include “preparation of bid documents or bidding and construction phase services”; and GF and SC will need to submit to the Township a contract addendum to include this work, at a later date.

During the fall, winter and spring of 2016/2017, the Township with the assistance of Simone Collins Landscape Architecture (SC), conducted a master plan process to determine a “post dam” site development plan for the passive recreational open space. The master plan has determined the basic parameter for the new park. This SC proposal is to perform final design for the proposed park improvements; that include preparation of construction documents and specifications for the construction of proposed park improvements. Bidding and construction term services will be addressed under a separate contract at a later date. It is SC’s understanding that all proposed improvements for the entire park will be documented in their entirety as it is the intent of the Township to construct most if not all improvements in one phase. It may be necessary install some of the plantings in later phases; however this determination will be made at a later date.

At this time, the plan is to draw down the existing reservoir water level in stages, during the summer and fall of 2017. During the drawdown period, the former reservoir ground will be allowed to dry out, stabilize, and naturally re-vegetate. PA DEP has suggested that Chester Creek’s “new” stream channel find its own course through the project site; therefore the SC master plan assumed a channel path. The overall design of the park will need to be adjusted based on the actual final course of the stream. Based on funding success, the earliest time frame for construction of the new park will be summer / fall of 2018.

It is SC’s understanding that all construction work will be completed under the permits received by GF for the partial breach of the dam structure. It is also our understanding that GF will provide all necessary engineering services to support the work performed by SC. GF will serve as the project prime and will incorporate SC work into a final project drawing set.

---

## Scope of Services

---

Based on our current understanding of the work to be completed our proposed scope of services is as follows:

- I. DESIGN / ENGINEERING FOR CONSTRUCTION – This professional services contract is for design / engineering / documentation of park improvements for construction of the Milltown Dam Park. Designs will comply with applicable State, County, and Local regulations.

Design and documentation of park improvements will include:

1. Grading: Preliminary and pre-final grading for the pond, trails, parking areas and other areas to be improved in the park. SC will take primary responsibility of this task. (GF to complete grading and cross sections for stream) We will use AutoCAD Civil 3D to complete preliminary cut and fill and pre-final cut and fill analysis to obtain a balanced site. Final grading plans and final cut and fill analysis will be finalized by GF and for incorporated into the permit set by SC.
2. Layout Plans: Layout and detailing of all proposed park improvements including but not limited to walkways and trails; parking areas; boardwalks; bridges; pond layout; and all other proposed site and park amenities. (GF to complete grading and cross sections for stream) SC will work with GF to obtain guidance for design of constructed stream riffles and step pools for maintaining stream elevation and creating fish habitats.
3. Pond Design: Design and detailing of the pond area to include pond control structures; forebay for silt deposition and cleaning; and pond liner solution (if required) in consultation with GF. (GF to complete engineering design and structural engineering of pond control structures).
4. Bridge Design: Design and detailing of the site bridges and boardwalks provide opportunities to create unique structures. Design consideration should be given to customized structures while considering structural, permitting, maintenance and budgetary guidelines. The final structural design of the bridges and boardwalks will be done in conjunction with structural calculations / review by GF.
5. Planting Design: Layout and detailing of planting design for all areas of the park. It is SC's understanding that the planting most serve to both enhance the natural environment while considering the close proximity of the site to neighboring residential properties and the desire of those neighbors for a beautiful, well managed planting. Types of planting will include:
  - a. Parking Area Plantings
  - b. Shade Tree Plantings
  - c. No Mow Lawn Areas



- d. Warm Season Meadow Areas
  - e. Reforestation Areas
  - f. Embankment Stabilization and Riparian Planting Areas
  - g. Habitat Specific Plantings
6. Regulatory Signage and Pavement Markings: Layout and Detailing of regulatory and informational signage to include the following:
- a. Crosswalk Markings and Signage (to be reviewed by the Township Traffic Engineer)
  - b. Park Rules Signs (2)
  - c. Site Map Information Kiosk (1)
  - d. DCNR and project partners funding plaque
7. Interpretive signage: Development of interpretative signage will include research; written text preparation; development of original graphics; possible acquisitions or release for use of proprietary artworks; and final layout of sign graphics, detailing of sign structures, and location plans. SC assumes four (4) interpretive signs:
- a. One (1) Historic
  - b. One (1) Animal Habitat
  - c. One (1) Plant Habitat
  - d. One (1) MS4 Public Education
8. Site Furnishings: Layout and detailing of park site furniture to include but not limited to the following:
- a. Benches / Seating
  - b. Trash receptacles
  - c. Bike racks
  - d. Enclosure for Portable Restroom
  - e. Picnic Tables
9. Cost Estimates: The master plan Cost estimates will be updated as the design progresses at the 50% complete and 95% complete phases to inform necessary revisions to the Bid documents and possible project phasing.

II. PUBLIC INVOLVEMENT – SC services include one public meeting.

SC will facilitate one general public meeting. The design team will provide all materials needed to conduct the meeting including, color plan sheets mounted for display purposes. The SC Team will prepare meeting minutes within ten (10) working days after the meeting for approval and distribution by the Township. This task will be completed before Final Engineering plans are completed to allow for public input.

---

## Exclusions

---

- I. PROJECT BIDDING – SC services do not included the preparation of drawings and specification into a bid package for bidding by the Township. Bid documents will be prepared according to DCNR requirements. Services to prepare construction documents and specifications will be addressed under a separate contract at a later date.
- II. CONSTRUCTION SERVICES –SC services do not include attendance of Pre-Construction meeting, review and approval of submittals, tree tagging, boulder selection at quarry and periodic site visits to review layout. Construction term services will be addressed under a separate contract at a later date.
- III. TOPOGRAPHICAL SURVEY - The existing site topographic and boundary survey will be updated to reflect the drained reservoir including location and depth of the new stream path for the proper design and engineering of the site work. This work is excluded from SC proposal and it is assumed this work is to be completed by GF or under GF coordination by others.
- IV. SOIL TESTING - Soil tests, if required, shall be completed by appropriate testing agency and evaluated by soil scientists to determine if on-site soil is of appropriate composition to use as fill to create site features, or for potential use in the design of MS-4 features. We assume the soil is suitable to hold water and a pond liner will not be necessary. Coordination of any soil testing if needed will be performed by GF.
- V. STRUCTURAL ENGINEERING REVIEW - Structural engineering review of pond control structures, boardwalks, bridges, and embankment construction are not included in SC design fees. SC will document the design of these features and coordinate the structural review of these elements by GF.
- VI. PERMITTING - SC services do not included permitting. SC will work with GF to coordinate all necessary design items for the submission of necessary site permits.
- VII. E&S CONTROL PLANS - SC services do not included E&S Control Plans. SC will work with GF to coordinate all necessary work to address any E&S Control needs for the site work.
- VIII. MS-4 STORMWATER PLAN – SC understands it is a goal of the Township to address its MS4 requirements for the Chester Creek at the Milltown Site. SC scope does not include the design and permitting of the Township MS4 plan. SC will coordinate with the Township's MS-4 engineer to design proposed features so that they conform to the goals of the MS-4 Plan.
- IX. PROJECT MANUAL FRONT END BOILER PLATE – SC will prepare the technical specifications in CSI format for the project manual. It is the

Township's responsibility to provide legal specifications for the future bidding phase.

- X. UTILITY RELOCATION PLANS – It is SC's intent to work within the confines of the existing utilities locations. Utility Relocation Plans are excluded.
- XI. TRAFFIC CONTROL PLANS – The development of traffic control plans are excluded.
- XII. LIGHTING PLANS – It is SC's understanding that lighting is not to be included within the park. The development of lighting plans are excluded.
- XIII. ELECTRICAL SERVICE - It is SC's understanding that electrical service is not to be included within the park. The development of electrical service is excluded.
- XIV. TRAFFIC SIGNALIZATION – It is SC understanding that the Traffic Light at Reservoir Road and E. Strasburg Road includes a pedestrian crossing cycle. The development of traffic signalization plans is excluded.
- XV. TRAFFIC STUDY / HOP PERMIT– The addition of parking along Reservoir Road will conform to all applicable State, County, and Local regulations. A PADOT High Occupancy Permit (HOP) is not required for the Township Road. A traffic study to determine effects of the new driveway entrance on local roads is excluded.

---

### **Project Development Meetings**

---

The SC Team will attend scheduled project meetings held with the design team and Township and project stakeholder throughout the term of the project. A total of three (3) meetings are included in this proposal.

---

### **Project Management**

---

Mr. Peter M. Simone, RLA, FASLA, President, will oversee the project management of this SC Team. Mr. Simone will be available to the Township and with outside agencies and groups. Mr. Simone will be assisted by:

Ms. Sarah R. Leeper, RLA, Project Manager (SC), will coordinate the SC Team in-house design assignments. Ms. Leeper will be the primary liaison and contact and, as such, all questions related to design activities will be channeled through her. Ms. Leeper will be responsible for establishing and meeting all in-house project deadlines.

---

**Fee**

---

SC Team Fees are summarized as follows: (please see attached detailed fee/ task list)

PROJECT PHASE	TOTAL
Preliminary Design	\$ 30,983
Final Plans and Technical Specifications	\$ 49,620
Subtotal	\$ 80,603
Princeton Hydro	\$ 10,000
Estimated Expenses*	\$ 1,103
<b>TOTAL FEE</b>	<b>\$ 91,706</b>

\*Estimate Only – see attached fee schedule for reimbursable cost.

---

**Preliminary Project Schedule**

---

As per GF proposed schedule

Future Contract Phases

---

- Prepare Bid Documents
- Bid Project
- Approve Construction Contract
- Construction Term Services

---

**Contract Conditions**

---

GF will forward to SC their standard sub-consultant agreement for review by SC and incorporation into this agreement.

Thank you very much for working with SC on this assignment.

Sincerely,

Simone Collins  
Landscape Architecture



Peter M. Simone, RLA, FASLA  
President

# Memo

## East Goshen Township

Date: June 13, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Seismic Ordinance

### Background

I received a call from Kevin McCleron, 542 Beaumont Circle who expressed a concern about vibration at his home from the Sunoco HDD. He requested that the Board adopt an ordinance to regulate vibrations. I conducted a cursory review of the PA Code and I did not see any state regulations on this subject. We mention "vibrations" in in the Zoning Ordinance, however it is very subjective, and therefore difficult to enforce.

### [§ 240-24 General performance standards.](#)

A. General performance standards applicable to all districts.

Nuisances prohibited. No land or structure in any zoning district shall be used or occupied in any manner that creates any dangerous, injurious, noxious or otherwise objectionable condition; fire, explosive or other hazards; noise or vibration; smoke, dust, odor or other form of air pollution; heat, electromagnetic or other radiation or other condition in such a manner or in such amount as to affect adversely the reasonable use or value of the surrounding area or adjoining premises; or be dangerous to public health or safety.

I had a brief conversation with the Township Engineer, who noted there were some industry standards on seismic activity.

I believe the Board could adopt such on ordinance under the general powers provisions of the Second Class Township Code. If the Board was so inclined consider such an ordinance the next step would be to have the Township Engineer, develop the objective standards.

June 16, 2017

To: Board of Supervisors

From: Mark Miller

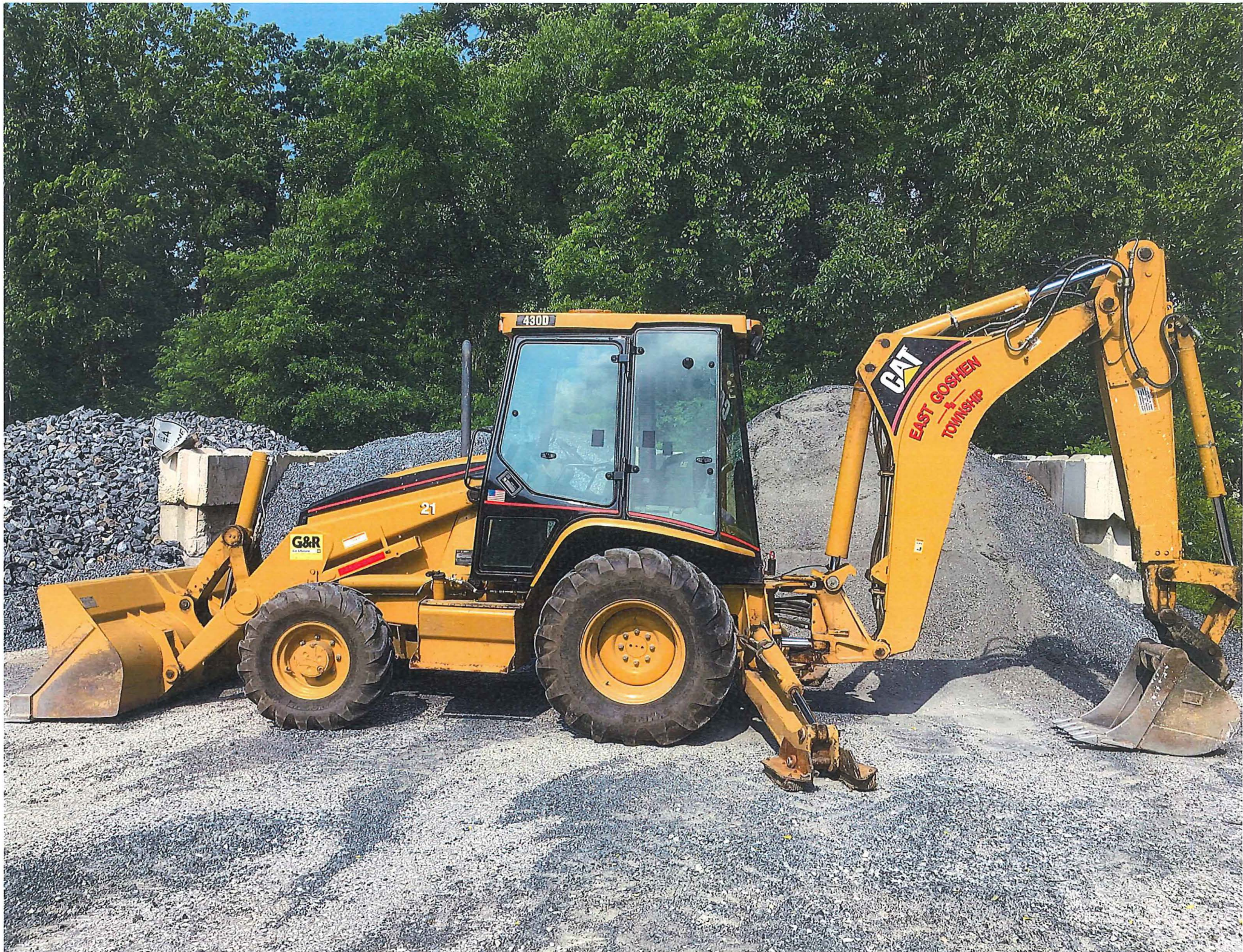
RE: Backhoe Replacement

The backhoe is scheduled to be replaced this year and \$120,000 was budgeted for this purpose. The current backhoe has been in service for 15 years and is fully depreciated. The maintenance costs for the old backhoe are starting to become expensive.

We have demonstrated the three machines from the vendors listed below.

<b>Vendor &amp; Location</b>	<b>Make</b>	<b>List Price</b>	<b>Trade-in</b>	<b>Net Price</b>
Eagle Power, Chester Springs	Case	105,706.00	\$30,000.00	\$75,706
Ransome Cat, West Chester	Cat	106,400.00	\$30,000.00	\$76,400
Plasterer Equipment, Hatfield	John Deere	\$108,867.00	\$30,000.00	\$78,867

I recommend that we purchase the Case backhoe with trade-in from Eagle Power & Equipment in the amount of \$75,706.00



# Memo

Date: June 8, 2017  
To: Board of Supervisors  
Municipal Authority  
From: Rick Smith, Township Manager  
Re: West Goshen Sewer Agreement

Attached is final draft of the Memorandum Agreement No. VIII which addresses how East Goshen will fund its share of the improvements and upgrades to the West Goshen Sewer Treatment Plant and those parts of their sewer system that we utilize.

It was modeled after the Memorandum Agreement No. VII which covered how we paid for our share of the project costs when West Goshen expanded the treatment plant from 4.5 MGD to 6 MGD in 1997.

On June 6<sup>th</sup> the Board adopted a Debt Parameters Ordinance which outlines the parameters under which East Goshen will borrow the funds to pay for our share of the costs.

Our share of the costs is based on the reserve capacity for the various components.

16.67% for the Treatment Plant and those part of the collection system that we utilize.

54.8% for the Westtown Way Pump Station and Force Main.

The agreement has been reviewed by the East Goshen and West Goshen staff and our respective attorneys and engineers.

F:\Data\Shared Data\West Goshen\Sewer Agreement\2017\Memo to BoS 060817.doc

APPROVED BY MA ON 6-12-17



Draft ~~April 19, 2017~~  
June 8, 2017

**MEMORANDUM AGREEMENT NO. VIII**

**THIS AGREEMENT** made the \_\_\_ day of \_\_\_\_\_, 20\_\_\_, by and among WEST GOSHEN SEWER AUTHORITY (“West Goshen Authority”) and the TOWNSHIP OF WEST GOSHEN (“West Goshen”), both of 1025 Paoli Pike, West Chester, Pennsylvania (sometimes collectively referred to as “West Goshen”) and the EAST GOSHEN MUNICIPAL AUTHORITY (“East Goshen Authority”) and the TOWNSHIP OF EAST GOSHEN (“East Goshen”), both of 1580 Paoli Pike, West Chester, Pennsylvania (sometimes collectively referred to as “East Goshen”), bodies corporate and politic organized and existing under the laws of the Commonwealth of Pennsylvania.

**WITNESSETH:**

WHEREAS, all of the parties hereto entered into an agreement dated September 6, 1977, which dealt with the construction and sharing of certain sanitary sewage facilities located in East Goshen and West Goshen Township (the “1977 Agreement”); and

WHEREAS, the 1977 Agreement has been amended seven (7) times: by Memorandum Agreement executed by the parties in June 1981; by Memorandum Agreement II executed by the parties in September 1982; by Memorandum Agreement III executed by the parties on May 22, 1990; by Memorandum Agreement IV executed by the parties on May 14, 1991; by Memorandum Agreement V executed by the parties on August 18, 1992; by Memorandum Agreement VI executed by the parties on April 9, 1997; and by Memorandum Agreement VII executed by the parties August 27, 1997; and

WHEREAS, pursuant to Exhibit “C” of the 1977 Agreement, subject to the payment of charges and the limitations of the 1977 Agreement, the West Goshen Authority and West Goshen have granted to East Goshen Authority and East Goshen the right, during the term of the 1977 Agreement, to discharge sewage waste into the West Goshen Waste Water Treatment Plant (“Treatment Plant”) in the maximum quantities specified therein, and West Goshen, as lessee of West Goshen Authority’s Sewer System and Treatment Plant has agreed to convey, treat and dispose of said sewage waste; and

WHEREAS, West Goshen Authority and West Goshen have decided to replace, improve, modify, repair and update some of the facilities and equipment in their Sewer System and at the Treatment Plant (collectively the “Treatment Plant Project”), and East Goshen Township and East Goshen Authority are obligated to pay its proportional share of the costs for the facilities and equipment in the Treatment Plant Project that they utilize; and

WHEREAS, the parties hereto have agreed upon the replacements, improvements and modifications for the Treatment Plant Project for which East Goshen is obligated to contribute, as well as the percentage of the costs East Goshen is responsible to pay West Goshen; and

WHEREAS, the purpose of this Memorandum is to set forth the understandings of East Goshen and West Goshen in this regard.

NOW, THEREFORE. The parties hereto, each binding itself, its successors and assigns, and each presenting that it has proper legal authority to enter into this Memorandum Agreement VIII, and each intending to be legally bound hereby, do mutually represent, covenant and agree as follows:

1. Each paragraph of the foregoing recital is incorporated herein by reference and made a part of this Memorandum Agreement VIII.

2. Attached hereto and incorporated herein by reference as Exhibit "A" is a letter memorandum of Dennis Michael for Joshua T. Fox, P.E., Engineer from HRG for West Goshen, dated March 28, 2017, which sets forth the scope of the work generally to be completed as part of the Treatment Plant Project. Although Exhibit "A" sets forth estimated costs, East Goshen's obligations herein shall be based upon the actual cost of each Item as herein defined.

3. East Goshen shall pay its proportionate share, as indicated below, of the costs of the following items ("Item(s)"), if applicable, as outlined in Exhibit "A":

- a. Structural Repairs to Primary Clarifier No. 3 (16.67%)
- b. 2016 Sanitary Sewer System Repair Project (Contract 16-1), only those sanitary sewer mains and manholes that convey East Goshen sewage (16.67%)
- c. Emergency Generator Replacement Project (Contract 16-2) (16.67%)
- d. Headworks Improvement Project (Contracts 17-1 & 17-2) (16.67%)
- e. Anaerobic Digester Replacement Project (Contracts 17-3, ~~17-4~~, 17.6 & 17.7) (16.67%)
- f. Pump Station Phase I Improvements: By-Pass Pump Connections (Contract 17-~~45~~), Westtown Way Pump Station (No. 13) and Force Main only (54.80%)
- g. 2017 Sanitary Sewer System Repair Project (Contract 17-~~56~~), only those sanitary sewer mains and manholes that convey East Goshen sewage (16.67%). Any work involving the Westtown Way Pump Station (No. 13) and Force Main (54.8%)
- h. Enhanced Chemical Addition Project (16.67%)
- i. Wastewater Treatment Plant Phase II Improvements (16.67%)

- j. 2018 Sanitary Sewer System Repair Project, only those sanitary sewer mains and manholes that convey East Goshen sewage (16.67%). Any work involving the Westtown Way Pump Station (No. 13) and Force Main (54.8%)
- k. Pump Station Phase II Improvements, Westtown Way Pump Station (No. 13) and Force Main only (54.8%)
- l. 2019 Sanitary Sewer System Repair Project, only those sanitary sewer mains and manholes that convey East Goshen sewage (16.67%). Any work involving the Westtown Way Pump Station (No. 13) and Force Main (54.8%)
- m. Legal and Engineering fees incurred in the matter of West Goshen Sewer Authority v. United States EPA, et al., No. 12-5353 in the Eastern District of Pennsylvania (16.67%)

4. East Goshen shall be responsible for financing its share of the costs set forth herein. Accordingly, East Goshen shall not be responsible to pay ~~to any~~ Treatment Plant Project ~~related~~ costs related to financing and interest ~~costs~~ during construction. In addition East Goshen shall only be responsible to pay those Treatment Plant Project related costs that can be capitalized and reasonable legal fees associated with the Treatment Plant Project, and but shall not be responsible to pay Treatment Plant Project related administrative costs ~~for legal services or administrative costs~~. East Goshen shall be responsible to pay 16.67% of legal and engineering costs related to the application of the NPDES Permit or TMDL for the Treatment Plant.

5. As soon as practical after receipt of the actual construction bids for each of the Items listed in Exhibit "A", West Goshen shall deliver to East Goshen calculations of East Goshen's obligations to West Goshen pursuant to this Memorandum Agreement No. VIII. This calculation shall include the actual engineering costs for the design, permitting, and bidding of each Item and the estimated engineering cost of the inspection and project closeout for the Item. Within forty-five (45) days thereafter, East Goshen shall pay to West Goshen Sewer Authority a sum equaling its total obligation pursuant to the Memorandum Agreement No. VIII for its share of the costs. East Goshen's money shall be deposited into a separate interest bearing account,

with interest accruing to the benefit of East Goshen. From time to time withdrawals shall be made by West Goshen from said account as is necessary for East Goshen's proportionate share of the cost of the Treatment Plant Project, as identified in the attached Exhibit "A." Each withdrawal from the said interest-bearing account made by West Goshen shall be for completed and inspected work only and shall be in an amount which is not in excess of East Goshen's proportionate share of that part of the work on that Item for which the draw has been requested and for which payment has been authorized by West Goshen. Pursuant to Section 6.07 of the 1977 Agreement West Goshen shall notify East Goshen, for its approval, by e-mail of any change order (and the basis for such change order) that would affect East Goshen's cost for each Item. If the change order is approved East Goshen shall remit the additional funding within thirty (30) from the date of the e-mail. Pursuant to Section 6.08 of the 1977 Agreement as each Item is completed West Goshen's Consulting Engineer shall provide East Goshen in reasonably itemized form the total project cost for each Item, the amount of any applicable insurance proceeds or federal or state grants received or to be received an appropriate adjustments in respect of net income, gain or loss from investment of the funds. Payment for any additional charges shall be within thirty (30) days from the date of the bill and any refund shall be made within thirty (30) days of the final payment to the applicable contractor.

6. To the extent not inconsistent herewith, all provisions of the 1977 Agreement and the subsequent Memorandum Agreements I through VII are hereby ratified and confirmed.

IN WITNESS WHEREOF, the parties have caused these presents to be duly executed and their respective corporate seals affixed the day and year first written above.

ATTEST:

WEST GOSHEN SEWER AUTHORITY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_

ATTEST:

WEST GOSHEN TOWNSHIP

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_

ATTEST:

EAST GOSHEN MUNICIPAL AUTHORITY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_

ATTEST:

EAST GOSHEN TOWNSHIP

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_

F:\Data\Shared Data\West Goshen\Sewer Agreement\2017\MEMORANDUM AGREEMENT No VIII Draft Redline PMM 06.08.17.docxF:\Data\Shared Data\West Goshen\Sewer Agreement\2017\MEMORANDUM AGREEMENT No VIII Draft 041917 (Clean).docx

# EXHIBIT - A



**Herbert, Rowland & Grubic, Inc.**  
**Engineering & Related Services**

**AN EMPLOYEE-OWNED COMPANY**

369 East Park Drive  
Harrisburg, PA 17111  
717.564.1121  
(FAX) 717.564.1158  
www.hrg-inc.com

March 28, 2017

Re: Description of Capital Projects for  
West Goshen Sewer Authority

Dear Municipal Partners:

On behalf of the West Goshen Sewer Authority (Authority), Herbert, Rowland & Grubic, Inc. (HRG) has prepared a summary of the proposed improvements to the Authority's collection, conveyance, and treatment systems that were originally proposed in the 2015 Capital Improvement Plan and further defined as additional information has been made available during planning and design phases of other projects.

The proposed improvements are based on our professional judgement. Our recommendations were made using information available and include, but are not necessarily limited to: record documents, operational data, physical site visits, interviews with Township Operations Staff, third party inspections and/or site visits, other engineer's reports and recommendations, and our experience with similar systems.

The recommendations have been broken into the below list of Projects. These Projects may be further combined, or separated, as decided by the Authority and based on available resources, schedule, and financing.

Each of the Capital Projects identified below includes a brief Project description, status in the Project delivery cycle, and estimated project cost.

#### STRUCTURAL REPAIRS TO PRIMARY CLARIFIER NO. 3

The Structural Repairs to Primary Clarifier No. 3 includes selective demolition; reinforcing and pouring of new concrete launders and structural supports; replacement of bridge decking, handrails, and access stairs; and coating of mechanical components and selective concrete.

This Project was initiated due to several structural cracks along the effluent launders and supporting corbels. The cracks were actively leaking and had progressively gotten worse. It should be noted that the clarifier had previously been repaired to address similar cracks that had been present.

The Project is anticipated to be complete (final completion) in March 2017 with a final cost for this Project of \$363,700.39.

#### 2016 SANITARY SEWER SYSTEM REPAIR PROJECT (CONTRACT 16-1)

The 2016 Sanitary Sewer System Repair Project consists of repairs and rehabilitation of approximately 2,100 L.F. of sanitary sewer mains (8-inch and 14-inch diameter) and 16 manholes that were identified as priority repairs through closed circuit televisual inspections (CCTV) and visual manhole inspections as a result of a sewer manhole collapse on December 31, 2015. The manholes that were identified to be replaced or rehabilitated were a result of significant hydrogen sulfide deterioration. A majority of the manholes were located at downstream forcemain discharge locations and/or along interceptors. Failure to repair these manholes would result in a high risk of collapse. Replacement of Manhole 1206 was found to be required



March 28, 2017

Page 2

during preparation of the rehabilitation and was added to the Project at a cost of \$59,000. The Project is anticipated to be completed by April 2017.

The estimated cost for this Project is \$537,000.

#### EMERGENCY GENERATOR REPLACEMENT PROJECT (CONTRACT 16-2)

The existing emergency generator was installed in the 1970's and had exceeded its useful life. The Authority's former consulting engineer had identified that parts were becoming increasingly difficult to obtain and Township Staff had concerns about the generator's reliability during an extensive power outage. Additionally, the underground fuel storage tank was not permitted and was identified as an environmental risk that, if it began leaking, could have significant clean-up costs associated with its removal.

The Emergency Generator Replacement Project generally includes, but is not limited to, demolition of an existing generator and related building appurtenances; demolition of an existing 4,000 gallon underground fuel storage tank; installation of two new 500 kW exterior generators, generator pad and platform, and related electrical controls; and minor building demolition, concrete, and masonry modifications to the existing Blower Building at the Authority's WWTP. The Project is currently under construction and is expected to be substantially complete in April 2017.

The estimated cost for this Project is \$705,000.

#### HEADWORKS IMPROVEMENT PROJECT (CONTRACTS 17-1 & 17-2)

In accordance with discussions with the Township Staff, the grit system that was installed in 1998 never operated properly and was taken off-line several years ago. The Headworks Building, specifically, the screening room, contains motor control centers, control panels, motors, and other electrical equipment that is not explosion proof and therefore does not meet regulatory requirements as well as posing a safety risk to Staff. Over the past year, the Operations Staff started experiencing issues with the existing mechanical screen and utility water system. The manufacturer for the mechanical screen reviewed the equipment and proposed that the system be rebuilt or replaced. The automatic controls for the utility water system had ceased to work properly and the strainer needed replaced. As a result the utility water skid system was recommended to be replaced to better accommodate the additional water demand for the mechanical screen and the grit removal system. Finally, the lower bearing assemblies for the existing screw pumps originally installed in 1998 were identified by Township Staff to be replaced as a maintenance item in conjunction with the non-explosion proof motors.

The Headworks Improvement Project generally includes, but is not limited to, demolition of an existing fine screen, utility water system, and grit removal system; construction of building addition to accommodate new vortex style grit removal system; provision and installation of utility water system; installation of two (2) new fine screens, vortex grit removal system, grit classifier, screenings and grit conveyors, and related electrical controls; relocation of electrical equipment to an expanded electrical room; replacement of screw pump motors and lower bearing assemblies; minor site work including upgrading an existing rain garden; and minor building demolition and concrete and masonry modifications to the existing Headworks Building at the Authority's WWTP. The proposed improvements for this Project will provide compliance with NFPA 820 and NEC requirements.

The estimated cost for this Project is \$2,188,475 and is anticipated to be fully constructed by February 2018.

#### ANAEROBIC DIGESTER REPLACEMENT PROJECT (CONTRACTS 17-3 & 17-4)

The Anaerobic Digester and associated building, built as a component of the original wastewater treatment plant was identified as needing significant improvements based on our initial assessment. A complete list of recommendations is included in pages 13-19 of the 2015 Capital Improvement Plan. A summary of the issues observed are as follows: lack of operational gas safety equipment and inadequate size based on regulatory requirements, leaking roofs, corroded rollers on Secondary Digester; corrosion of gas burner and inadequate operations controls requiring manual ignition, and compliance issues associated with hazardous rated areas.

During evaluation of the anaerobic digesters for repair, rehabilitation, or conversion to mechanically thickened aerobic digestion, a significant gas leak occurred and was reported by the Township Staff. The Authority authorized emergency repairs which included three phases: 1) repair to Primary Digester roof at the interface point with the parapet (goal of reducing gas leaking from digester under membrane roof into leaking control building roof); 2) temporary repair of roller assemblies for Secondary Digester; and 3) replacement of pressure regulators and relief valves, flame arrestors, and other gas safety equipment on Primary and Secondary Digesters. During this time two, third party, companies reviewed the condition of the Digesters and associated control building and provided correspondence to the Township Staff identifying their safety and operational concerns.

The evaluation completed by HRG recommended that the Anaerobic Digesters be repaired and rehabilitated in lieu of replacement with an aerobic operation based on present worth costs. The Authority then decided to replace the existing digester tanks as part of the Project to physically separate them from the control building, reduce risk of unknown interior conditions of existing tanks, and reduce the need for pumping and hauling operations during construction.

The Anaerobic Digester Replacement Project generally includes, but is not limited to, demolition of existing primary and secondary digesters; selective demolition of components of the Digester Building, and process equipment; construction of new primary and secondary anaerobic digesters, cover, and mixing equipment, gas conditioning equipment, sludge piping, and miscellaneous process and process control equipment and piping; new building ventilation system, lighting, and replacement of the existing roof. The Project is currently under design and is tentatively scheduled to be advertised for public bidding in July 2017.

The estimated cost for the Project is \$4,295,750 and is anticipated to be fully constructed by October 2018, pending any project delays.

#### PUMP STATION PHASE 1 IMPROVEMENTS: BY-PASS PUMP CONNECTIONS (CONTRACT 17-5)

The Pump Station Phase 1 Improvements include the installation of by-pass pump connections at the following pump stations:

1. Montgomery Avenue Pump Station (No. 1)
2. Trinity Drive Pump Station (No. 2)
3. Spruce Avenue Pump Station (No. 3)
4. Ellis Lane Pump Station (No. 6)
5. Taylor Run Pump Station (No. 11)
6. Washington Street Pump Station (No. 12)
7. Westtown Way Pump Station (No. 13)
8. Fern Hill Pump Station (No. 16)

The installation of by-pass pump connections allow for temporary by-pass pumps to be installed and utilize the existing pump station forcemain during routine, emergency, or planned repairs to the existing pumps, pump motors, or electrical equipment (power, drives, etc.). Although the installation of by-pass pump

March 28, 2017

Page 4

connections is not required, their installation and use will reduce future operations costs (highest during emergency repairs) by reducing or even eliminating the need for pumping and hauling operations, or extensive temporary by-pass pump piping. The installation of the by-pass pump connections will also help facilitate construction of the Pump Station Phase II Improvements for the Trinity Drive Pump Station, Westtown Way Pump Station, and Taylor Run Pump Station. The Project is currently under design and is anticipated to be advertised for public bidding in April 2017.

The estimated Project cost is \$914,800 and is expected to be substantially completed by December 2017. A break-down of anticipated inter-municipal costs will be provided during public bidding and confirmed after bid opening.

#### 2017 SANITARY SEWER SYSTEM REPAIR PROJECT (CONTRACT 17-6)

The 2017 Sanitary Sewer System Repair Project consists of replacement, repairs and rehabilitation of 27 discrete sewer and manhole areas in the Township identified as priority repairs through closed circuit televisual inspections (CCTV) and visual manhole inspections conducted as a result of continued investigation and maintenance. Additional repair areas were identified but will be completed by Township Staff using their own labor and equipment. These areas if not repaired, would result in either failure or more expensive repairs (such as full replacement). The Project is currently under design and is anticipated to be advertised for public bidding in July 2017.

The estimated Project cost is \$1,606,000 and is expected to be substantially completed by June 2018. A break-down of anticipated inter-municipal costs will be provided following the bid opening.

#### ENHANCED CHEMICAL ADDITION PROJECT

The Enhanced Chemical Addition Project includes upgrade of existing chemical addition equipment and the installation of advanced controls to reduce total phosphorus (TP) effluent limits to 0.8 mg/L and maintain compliance with pH effluent limits as required by the interim settlement agreement with the Environmental Protection Agency. The Project was submitted for a CFA Small Water and Sewer Program Grant. The schedule is dependent on the award of the Grant in March 2017. If the Grant is not received, final design would proceed in April 2017 and the Project would be advertised for public bids by September 2017.

The estimated Project cost is \$582,750 and is expected to be substantially completed by April 2018.

#### WASTEWATER TREATMENT PLANT PHASE II IMPROVEMENTS

The Wastewater Treatment Plant Phase II Improvements Project include several upgrades and/or improvements to the existing WWTP that generally include four (4) major areas:

1. Aeration Basin Improvements
  - A. Replace 16-inch diameter buried aeration piping between Blower Building and Aeration Tank that has been identified to be leaking (as found during rain events)
  - B. Installation of variable frequency drives (VFDs) on existing blowers to reduce power consumption and improve flexibility and operability of blowers; minimize operating costs
  - C. Installation of DO sensors in Aeration Basins to improve operability and control blower speed/output

The repair and improvements to the Aeration Basin will help reduce operations cost and provide additional flexibility for the operations staff.

Herbert, Rowland & Grubic, Inc.

2. Ballasted Clarification System (Advanced TP Removal)

The ballasted clarification system includes installation of the following components:

- A. Chemical feed equipment for addition of caustic, coagulant, and polymer
- B. Static mixer
- C. Coagulant tank and mixer
- D. Ballast tank and mixer
- E. Polymer tank and mixer
- F. Sludge shear mixer
- G. Magnetic drum separator
- H. RAS/WAS Pumps
- I. Controls (flow meters, turbidity meters, control valves, PLC, etc.)

The ballasted clarification system is intended to reduce effluent TP concentrations to the TMDL limit of 0.04 mg/L as imposed by EPA. The implementation of this component of the Phase II Project is dependent on successful pilot testing of the equipment. The pilot testing is scheduled to be completed in April 2017.

3. Clarifier Rehabilitation

- A. Inspection and maintenance of drives by certified manufacturer's technician
- B. Rebuild or replace clarifier drives and mechanisms for eight (8) of nine (9) clarifiers
- C. Install TSS and Sludge Level probes for improved wasting operations

The clarifiers that are being evaluated and scheduled for overhaul and/or repairs were original 1961 and 1975 equipment. Clarifiers installed in 2000 are not currently scheduled for repair. Inspections of the equipment is being performed by Evoqua's certified technician in the Spring and Summer of 2017. Repairs, rebuilds, or replacement of components will only be completed if inspections indicate that they are required for proper operation of the system.

4. Dewatering System Improvements

The Dewatering System Improvements include rebuilding or replacing the existing belt filter presses originally installed in the 1980s (refurbished around 2007) and 1999; improvements to the Dewatered Sludge Building including upgrade of ventilation equipment to reduce the humidity currently causing corrosion of equipment; replacement of media cartridges in odor control equipment; replacement of corroded electrical and process equipment; replacement of sludge conveyor; installation of flow meters to record volume of sludge delivered to dewatering equipment; re-installation of sludge grinders; replacement of deteriorated piping; general building improvements including new light fixtures, replace corroded doors, etc. These improvements were originally scheduled in 2014 to be completed by 2019.

The total estimated Project cost is \$7,362,800 and is expected to be substantially complete by December 2020.

## 2018 SANITARY SEWER SYSTEM REPAIR PROJECT

The 2018 Sanitary Sewer System Repair Project consists of replacement, repairs, and rehabilitation of priority repair areas identified by the Township through closed circuit televisual inspections (CCTV) and visual manhole inspections. The conceptual cost estimate below is based on size and scope of 2016 Sanitary Sewer System Repairs.

The estimated Project cost is \$512,000 and is expected to be substantially completed by November 2018. It is not known at this time if any of these improvements will result in shared costs with the municipal partners.

### PUMP STATION PHASE II IMPROVEMENTS

Pump Station Phase II Improvements include major repairs to the Trinity Drive Pump Station, Westtown Way Pump Station, and Taylor Run Pump Station as well as replacement of the Downing Avenue Pump Station.

#### Trinity Drive (Pump Station No. 2)

Repairs to the Trinity Drive Pump Station generally includes the following:

1. Replace submersible pumps
2. Replace 4-inch diameter forcemain
3. Replace non-functioning 4-inch diameter mag meter and install new data logger
4. Installation of fall protection system
5. Repair spalling/cracked concrete around wet well
6. Replace water service to pump station
7. Install sewage grinder on wet well influent
8. Minor site improvements

The repairs are necessary to replace aged and deteriorated equipment as well as to correct issues with the pumps including, but not limited to, clogging due to rags, lack of automatic alternating operation, head conditions (impaired pump capacity) most likely as a result of forcemain condition (reduced diameter or increased roughness coefficient typical in cast iron forcemains).

#### Westtown Way (Pump Station No. 13)

Repairs to the Westtown Way Pump Station generally includes the following:

1. Upgrade electrical equipment in the wet well to meet hazardous area requirements
2. Rehabilitate deteriorated ferrous metal and concrete components
3. Evaluate installation of a wet well mixing system to keep grease in suspension in the wastewater and prevent from accumulating in the wet well
4. Relocation of the influent sewage grinder to the end of the influent channel to reduce the headloss impact and therefore reduce grit accumulation. This may require the installation of new a new railing system to support the sewage grinder.

5. Minor building improvements:
  - A. Replace existing windows
  - B. Repair, replace and upgrade existing HVAC equipment
  - C. Block in any building penetrations no longer needed
  - D. Seal leaking wall penetrations
  - E. Cut new floor drain piping into the floor.
6. Replace existing valve with a new gate valve. This will require the installation of a temporary line stop or new valve outside of the pump station in order to prevent wastewater from draining out of the force main.
7. Replacement of the existing emergency generator
8. The existing diesel fuel tank for the emergency generator is located outside above the wet well. If the emergency generator is replaced with an exterior rated unit, a subbase fuel tank can be combined into the base for the new generator.
9. Install new VFDs
10. Evaluate replacement of MCC
11. Install mount-anywhere style discharge flow meter
12. Install gas detection equipment in the wet well
13. Evaluate the effectiveness of switching to a series pumping configuration should be performed due to high head conditions
14. Installation of a data logger or influent flow meter to monitor influent flows to the pump station
15. Modify louver over the wet well so the base of the louver is more than 18 inches above the top of the wet well tank.

#### Woodcrest/Downing Avenue (Pump Station No. 10)

Repairs to the Trinity Drive Pump Station generally includes replacement of the current dry well / wet well style pump station with a submersible style pump station due to the following:

1. Existing comminutor is no longer operational
2. Concrete and ferrous metal deterioration from exposure to hydrogen sulfide gas was observed in the wet well
3. Evidence of infiltration in the dry well
4. Observed corrosion of the below grade steel dry well, particularly near the pipe penetrations
5. Township Staff reported that maintenance of the existing equipment in the dry well is very difficult given the arrangement of the various pumps, piping, valves, controls, and other components in the small dry well area
6. The existing pumps are 41 years old

March 28, 2017

Page 8

Taylor Run (Pump Station No. 11)

Repairs to the Taylor Run Pump Station include the following:

1. Block doorway between pump room and wet well to physically separate wet well from the rest of the building. Upgrade electrical and HVAC equipment in the wet well to meet hazardous area requirements. Relocate sewage grinder hydraulic power pack out of the hazardous rated area.
2. Rehabilitate deteriorate ferrous metal and concrete components
3. Replace steel roof support
4. Replace existing door and windows
5. Replace failed ventilation systems
6. Seal leaking wall penetrations in dry well
7. Install new variable frequency drives
8. Install new electrical conduit, including lights, switches, and outlets.
9. Replace existing emergency generator with outdoor enclosed generator. The existing generator radiator leaks and the Township has experienced issues with equipment.
10. Remove underground fuel storage tank
11. Replacement of the motor control center
12. Install discharge flow meter
13. Install gas detection equipment in the wet well
14. Replace pump discharge header piping that has cracked flanges and replace non-functioning isolation valves

The total estimated Project cost is \$4,493,780 and is expected to be substantially complete by December 2020. A break-down of anticipated inter-municipal costs will be provided during public bidding and confirmed following the bid opening.

#### 2019 SANITARY SEWER SYSTEM REPAIR PROJECT

The 2019 Sanitary Sewer System Repair Project consists of replacement, repairs and rehabilitation of priority repair areas identified by the Township through closed circuit televisual inspections (CCTV) and visual manhole inspections. The conceptual cost estimate below is based on size and scope of 2016 Sanitary Sewer System Repairs.

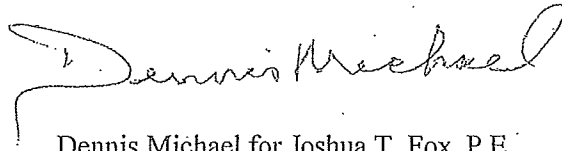
The estimated Project cost is \$512,000 and is expected to be substantially completed by November 2018. It is not known at this time if any of these improvements will result in shared costs with the municipal partners.

March 28, 2017

Page 9

Please feel free to contact me at [jfox@hrg-inc.com](mailto:jfox@hrg-inc.com) or at 717-564-1121 if you have any questions or require any further clarification on the recommended improvements.

Sincerely,  
**Herbert, Rowland & Grubic, Inc.**

A handwritten signature in black ink that reads "Dennis Michael". The signature is written in a cursive style with a large, looping initial "D".

Dennis Michael for Joshua T. Fox, P.E.  
WGSA Engineer

JTF/rb

007608.0426

[2017.03.28 Summary of Capital Projects to Municipal Partners.docx](#)

c: West Goshen Sewer Authority  
Mr. Michael Moffa, Wastewater Superintendent  
HRG File



1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36

**East Goshen Township  
Board of Supervisors Meeting  
1580 Paoli Pike  
Tuesday May 23, 2017- 7 pm  
Draft Minutes**

Present: Chairman Marty Shane, Vice Chairman Carmen Battavio, Supervisors Janet Emanuel, Chuck Proctor, Michael Lynch, Township Manager Rick Smith, Township CFO Jon Altshul and Conservancy Board Members Sandy Snyder, Andy Tyler, & Erich Meyer.

**Call to Order:** Marty called the meeting to order at 7 pm and Carmen led the Pledge of Allegiance.

**Moment of Silence:** Carmen asked for a moment of silence for those who have served and sacrificed their lives.

**Recording of Meeting:** *Leo Sinclair, 217 North Lockwood Lane* said he was recording the meeting.

**Chairman's Report:**

Marty announced that Board met in Executive Session prior to tonight's meeting to discuss pending legal matter with the Township Solicitor.

Marty announced that the Hershey Mill Dam Committee will meet on May 24, 2017 to consider the final plan for the Hershey Mill Dam Project.

Marty announced that the Milltown Dam Committee will meet on May 25, 2017 to consider the final plan for the Milltown Dam Project.

**Public Hearing:** none

**Emergency Service Reports:**

**WEGO:** Chief Brenda Bernot stated that as the temperature increases, police see an increase in thefts, animal and noise complaints and underage drinking. She stressed that hosting a party with underage drinking is a very serious offense, and that despite the passage of the medical marijuana in Pennsylvania, parents are reminded to speak with their kids about the serious legal ramifications of possession of marijuana.

**Goshen Fire Co.:** none

**Malvern Fire Co.:** none

**Fire Marshal:** none

1 **Financial Report:** Jon reported that due to higher-than-expected real estate transfer tax and  
2 snow removal savings, the Township had a favorable budget variance of \$640,754 through April.

3 **Old Business:** none

4 **New Business:**

5 **Consider Trees by the Marydell Pond:** *Jim Williams, 1524 High Meadow Lane, Marydell,*  
6 spoke on behalf of many of the Marydell residents in attendance regarding the installation of  
7 trees in front around the pond. He stated that the tree will block the resident's view of the  
8 pond and noted that since the Township does not intend to dredge to pond or install an  
9 aerator that pond could potentially become a "wetland" in time. He asked the Board to move  
10 the 12 trees that were recently planted.

11 *Mike Fox, 505 Barker Drive* expressed concerns about the lack of maintenance and algae  
12 growth on the pond.

13 Marty asked *Sandy Snyder, Chairperson of the Conservancy Board* to talk about the benefits  
14 of the tree planting. Sandy explained that trees were planted shade the pond and reduce the  
15 water temperature which would reduce algae growth. It was not their intention to create a  
16 wetland.

17 *Jim Williams* suggested that dredging and installing an aerator would save the pond.

18 *Leo Sinclair* spoke about using bentonite to coat the bottom of the pone.

19 *Paul Diorio, 467 Gateswood Drive,* asked about the construction of the pond. Rick advised  
20 that the Bernie Hankin, who developed Marydell, constructed the pond about 40 years ago  
21 and the pond was spring feed.

22 Erich Meyer, Conservancy Board reviewed the species of the trees that had been planted.

23 *Jeff O'Donnell, 1506 Wilson Lane* asked what could be done now.

24 Mike suggested that trees not be moved at this time, but asked the Board to contract with  
25 either Brandywine Conservancy or the Natural Lands Trust to conduct a study and identify  
26 options for input. He noted the Natural Lands Trust looks holistically at problems. Rick said  
27 he would reach out to them.

28 *Joann Mercer, 471 Gateswood Drive,* asked if the pond could be removed. Rick advised that  
29 the pond served as the retention basin for the development.

30 *Elaine McLaughlin, 615 Marydell Drive,* questioned the cost of the trees. Erich advised they  
31 cost \$1,400.

1 Marty asked the Conservancy Board to consider relocating the trees at their next meeting  
2 and come back with a recommendation for the Board to consider at their second meeting  
3 in June.

4  
5 Carmen stated, "As a Supervisor, I apologize that you were not notified that these trees  
6 were being installed." Marty thanked the people for their respect and conduct at the  
7 meeting and reminded them that the Board members are residents of the Township as  
8 well. Janet noted she was an original Marydell owner, had lived there for 30 years and  
9 understand the history behind this.

10 **Consider resolution regarding Redistricting Reform:** *Brian Sweet, 646 Meadow*  
11 *Drive*, requested the Board adopt a resolution to support bi-partisan legislation regarding  
12 re-districting (Senate Bill 22 & House Bill 722). The legislation would return control of  
13 the redistricting process to residents by creating a bi-partisan commission of 11 people, 4  
14 from majority party, 4 from minority party, and 3 from neither the majority nor minority  
15 party (non-partisan). He noted that Kennett, Pocopson, Downingtown, and East Pikeland  
16 Townships, and Malvern and Kennett Square Boroughs have adopted the resolution:

17 Mike and Marty suggested the Board not take action on the resolution until it received  
18 comments and/or an endorsement comments from CCATO. Marty explained the role of  
19 the Chester County Association of Township Officials (CCATO).

20 *David Shuey, 1547 Mill Race Lane* asked that East Goshen Township take a leadership  
21 position and adopt the resolution this evening.

22 Janet noted that PSATS had adopted Resolution 17-53 "That PSAT urge redistricting  
23 efforts to preserve the principle of one person, one vote by placing municipalities entirely  
24 within the same legislative district as a community of interest in order to avoid situations  
25 where individual municipalities are divided into different legislative districts."

26 Mike spoke about the "PA State of Association of Township of Supervisors (PSATS)  
27 which has a strong lobby and is very informed.

28 *Elaine McLaughlin, 615 Marydell Drive*, asked BOS to consider supporting the  
29 resolution tonight, regardless of CCATO endorsement.

30 *Brian* read the Resolution and asked that it be inserted into the record.

31 WHEREAS, we acknowledge that state legislative and congressional voting districts are,  
32 by law, redrawn after the completion of the national census each decade, to allow for fair  
33 representation by population as required by the U.S. Constitution and the Pennsylvania  
34 Constitution; and

1 WHEREAS, legislative and congressional redistricting has often resulted in  
2 gerrymandering, i.e., the redrawing of districts to favor one political party or other; and

3 WHEREAS, the citizens of the Township of East Goshen and the Commonwealth of  
4 Pennsylvania deserve a fair, fully transparent, impartial, and depoliticized process of the  
5 decennial post-census re-drawing of state legislative and congressional districts of near  
6 equal population; and

7 WHEREAS, such gerrymandering of legislative and congressional districts has worked at  
8 times to the detriment of our representative democracy by impeding action on critical  
9 issues of importance to the people; and

10 WHEREAS, the creation of a truly independent citizens redistricting commission devoid  
11 of political motivation or partisanship will help to ensure a fair and accurate legislative  
12 and congressional redistricting process that respects political subdivisions and  
13 communities of interest; will prohibit districts from being drawn to favor or discriminate  
14 against a political party or candidate; will promote transparency, the use of impartial and  
15 sound methodology, and public input when setting district boundaries; and will fully  
16 comply with the Pennsylvania constitutional requirement that "no county, city,  
17 incorporated town, borough, township or ward" be divided "unless absolutely necessary";  
18 and

19 WHEREAS, recent legislation has been introduced in the current legislative session to  
20 amend the Pennsylvania Constitution to reform the decennial legislative and  
21 congressional redistricting process by requiring the formation of a citizens' redistricting  
22 commission to conduct the redistricting process in a non-partisan fashion, using sound  
23 methodology;

24 NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors does hereby  
25 support legislative efforts to secure expeditious action to make a constitutional  
26 amendment that would, among other reforms, assign the decennial task of both legislative  
27 and congressional redistricting to an independent citizens' redistricting commission; and

28 BE IT FURTHER RESOLVED that a copy of this resolution be delivered to all members  
29 of the Pennsylvania Senate and House of Representatives; and

30 BE IT FURTHER RESOLVED that we call upon all those elected officials in the  
31 Commonwealth of Pennsylvania who represent the citizens of the Township of East  
32 Goshen (see list) to publicly announce their support of and commitment to work towards  
33 passage of such legislative efforts, and that a copy of this resolution be delivered to each  
34 of them.

35 Pennsylvania Governor Tom Wolf

- 1 Pennsylvania Lieutenant Governor Mike Stack
- 2 Pennsylvania Attorney General Josh Shapiro
- 3 United States Senator Bob Casey
- 4 United States Senator Pat Toomey
- 5 United States Representative Ryan Costello
- 6 Pennsylvania Senator Thomas Killion
- 7 Pennsylvania Representative Carolyn Comitta
- 8 Chester County Commissioner Kathi Cozzone
- 9 Chester County Commissioner Terence Farrell
- 10 Chester County Commissioner Michelle Kichline.

11 Chuck briefly explained the history of gerrymandering (started in the 1800's) and noting  
12 there have been countless court cases about gerrymandering, there have been several  
13 amendments to these bills already and concluded by saying this matter should be studied  
14 very carefully to ensure the proposed amendments to the PA Constitution are appropriate.

15 **Any Other Matter:** Marty exercised his authority to rearrange the agenda in order to  
16 accommodate the residents in attendance with concerns about the Sunoco Project.

17 Marty explained Sunoco is installing two pipelines, a 20 inch pipe which is expected to  
18 be placed in service this fall, and a 16 inch pipe that will be placed in service in 2018.  
19 Sunoco is a public utility regulated by the PA Public Utility Commission and the  
20 Township does not have control over where Sunoco locates their pipelines. In addition  
21 Sunoco has obtained two types of easement; a permeant easement for the pipelines and a  
22 temporary easement for the work areas. Tree replacement and/or compensation for the  
23 tree removal would have been addressed in the easement agreement. Since Sunoco is a  
24 public utility they had the power to condemn if they cannot come to terms with the  
25 property owner. Sunoco had to obtain two permits from PA DEP and a soil and erosion  
26 permit from the Township. With regards to safety Sunoco has to comply with federal  
27 pipeline safety standards and the Goshen Fire Company and Chester County Department  
28 of Emergency Services have received training for Sunoco.

29 Carmen noted there was an emergency procedure outline posted on the website.

30 *David Shuey, Mill Race Lane* commented one of the places that these pipelines leak is at  
31 the valves and asked if there was a valve between the Goshen Fire Station and Route

1 202? Rick advised that a valve is proposed for this location, but West Goshen Township  
2 is currently in litigation with Sunoco over the placement of this valve.

3 **Consider Resolution authorizing electronic filing of PENN DOT Liquid Fuels**

4 **Forms:** Marty moved to adopt the Resolution. Janet seconded. The motion passed  
5 unanimately.

6  
7 **Consider Resolution authorizing submission of DCED-GTRP grant application for**

8 **Milltown Dam Park:** Carmen moved to adopt the Resolution. Mike seconded. The  
9 motion passed unanimately.

10  
11 **Authorize Chairman to execute Stormwater O&M agreement for 1637 Manley**

12 **Road:** Michael moved to authorize the Chairman to execute the agreement. Carmen  
13 seconded. The motion passed unanimately.

14 **Consider Goshen Meadows Escrow Release #5:** Carmen moved to release escrow  
15 funds in the amount of \$ 427,453.33. Mike seconded. The motion passed unanimately.

16 **Consider Deer Management Groups and Deer Management Program Resolution:**

17 Marty noted that the Board had to approve the Deer Management groups and adopt a  
18 resolution to authorize the program annually.

19 *Leo Sinclair* asked if there be another deer count. Rick advised that the Board would  
20 consider doing a deer count next year.

21 Carmen moved to approve the following deer management groups for 2017: Chester  
22 County Trackers - Grand Oak and Mill Creek, Main Line Whitetail Managers - Supplee  
23 Valley, Keystone Archers – Bow Tree & Clocktower, and Tri County Whitetail  
24 Management - Wentworth. Chuck seconded. The motion passed unanimately

25 Carmen moved to adopt Resolution 2017-24 authorizing the 2017-2018 Township Deer  
26 Management Program. Chuck seconded. The motion passed unanimately.

27 **Consider request to create Clover Food Plots in Supplee Open Space:** Carmen and  
28 Mike both expressed concerns about doing this. Carmen felt that it was entrapment of the  
29 deer and wanted this recorded in the minutes.

30 *Leo Sinclair, North Lockwood Lane* questioned the need for the clover plots and stated he  
31 had spoken to several of his neighbors, who did want to have deer drawn into his  
32 neighborhood by the clover plots.

33 Michael suggested that this matter be deferred to first meeting in July 2017 and that the  
34 residents be notified. Carmen moved to defer the matter. Marty seconded. The motion  
35 passed unanimately

1           **Consider recommendation on Deer Management Committee:** The Board considered a  
2 recommendation to disband the Deer Committee noting that all of the functions are  
3 administrative in nature and currently be done by Township Staff s. Carmen moved to  
4 disband the Deer Committee and move their functions to the Township staff. He also  
5 recommended retaining Mr. James McRee as the Deer Management Liaison so as not to  
6 lose his wealth of knowledge on this subject. Mike seconded. The motion passed  
7 unanimously.

8           **Approval of Minutes:**

9           **April 18, 2017:** Marty moved to approve the minutes as presented. Carmen seconded.  
10 The motion passed unanimously.

11           **May 2, 2017:** Marty made a moved to approve the minutes as presented. Chuck  
12 seconded. The motion passed unanimously.

13           **Treasurer’s Report:** April 27, 2017: Carmen moved to graciously accept the Treasurer’s Report  
14 and the Expenditure Register Report as recommended by the Treasurer, to accept the receipts  
15 and to authorize payment of the invoices just reviewed. Michael seconded. The motion passed  
16 unanimously.

17           **Liaison reports: none**

18           **Correspondence, Reports of Interest**

- 19           May 3, 2017 PA DEP Approval to drawdown the Milltown Reservoir
- 20           May 3, 2017 PA Fish & Boat Species Impact Review for Milltown Reservoir
- 21           May 11, 2017 Redbelly Trapping survey for Milltown Reservoir
- 22           May 19, 2017 Sunoco Station 1<sup>st</sup> Quarter Report
- 23           Letter from Representative Carolyn Comitta

24           **Public Comment-Hearing of Residents: none**

25           **Adjournment:** There being no further business Marty made a motion to adjourn the meeting at  
26 10:46pm. Carmen seconded. The motion passed unanimously

27           *Respectfully Submitted,*

28           *Cecilia Jenkins*

29           *Recording Secretary*

30           Attached—Treasurer’s Report, May 18, 2017

**TREASURER'S REPORT  
2017 RECEIPTS AND BILLS**

**GENERAL FUND**

Real Estate Tax	\$26,871.10	Accounts Payable	\$497,598.22
Earned Income Tax	\$947,364.11	Electronic Pmts:	
Local Service Tax	\$58,190.92	Credit Card	\$0.00
Transfer Tax	\$47,156.36	Postage	\$1,000.00
General Fund Interest Earned	\$2,515.13	Debt Service	\$11,287.49
Total Other Revenue	\$167,591.18	Payroll	\$156,427.67
Total Receipts:	<u>\$1,249,688.80</u>	Total Expenditures:	<u>\$666,313.38</u>

**STATE LIQUID FUELS FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
Interest Earned	\$1.35		
Total State Liquid Fuels:	<u>\$1.35</u>		

**SINKING FUND**

Receipts	\$0.00	Accounts Payable	\$97,762.04
Interest Earned	\$1,210.01	Credit Card	
Total Sinking Fund:	<u>\$1,210.01</u>	Total Expenditures:	<u>\$97,762.04</u>

**TRANSPORTATION FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
Interest Earned	\$568.02		
Total Sinking Fund:	<u>\$568.02</u>		

**SEWER OPERATING FUND**

Receipts	\$269,483.05	Accounts Payable	\$28,305.00
Interest Earned	\$70.57	Debt Service	\$30,275.50
Total Sewer:	<u>\$269,553.62</u>	Credit Card	\$0.00
		Total Expenditures:	<u>\$58,580.50</u>

**REFUSE FUND**

Receipts	\$67,030.87	Expenditures:	<u>\$82,638.24</u>
Interest Earned	\$11.86		
Total Refuse:	<u>\$67,042.73</u>		

**SEWER SINKING FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
Interest Earned	\$267.57		
Total Sewer Sinking Fund:	<u>\$267.57</u>		

**OPERATING RESERVE FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
Interest Earned	\$392.07		
Total Operating Reserve Fund:	<u>\$392.07</u>		

**Events Fund**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
Interest Earned	\$1.34		
1 Total Events Fund:	<u>\$1.34</u>		



1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

**EAST GOSHEN TOWNSHIP  
BOARD OF SUPERVISORS MEETING  
1580 PAOLI PIKE  
May 24, 2017, 10:30am Financial Planning Session  
Draft Minutes**

13  
14  
15  
16  
17  
18

**Present:** Chairman Marty Shane, Vice-Chairman Carmen Battavio, and Supervisors Janet Emanuel and Michael Lynch. Also present were Township Manager Rick Smith, CFO Jon Altshul, Park & Recreation Director Jason Lang, Public Works Director Mark Miller, Zoning Officer Mark Gordon, Staff Accountants Brian McCool, Barb Phillips and Lynn LeBlanc, Financial Advisor Chris Bamber (PFM) and Bond Counsel Tim O’Neill (Lamb McErlane).

19  
20  
21  
22  
23  
24

**Call to Order & Pledge of Allegiance**

25  
26  
27  
28

Marty called the meeting to order at 10:30 and led the pledge of allegiance.

29  
30  
31  
32  
33  
34  
35  
36

**Moment of Silence**

37  
38  
39  
40

Carmen called for a moment of silence to honor the troops.

41  
42  
43  
44  
45  
46

**Series 2017 Bonds**

Chris Bamber provided an overview of different structures and terms for the bonds. A consensus was reached that a 20-year term, with wrapped debt service payments for the general fund and level payments for the sewer debt, was most appropriate for these projects in order to best manage cash flow.

Chris then explained the difference between a competitive and negotiated bond sale. A consensus was reached that the competitive sale was preferable given term of the bonds, the Township’s likely credit rating, and the fact that it is a more transparent process than a negotiated sale.

Tim O’Neill recommended that the Township ask its engineer for a report to exclude any self-liquidating debt from the Township’s debt capacity, which Jon agreed to do.

**New Budget Proposals**

The group reviewed the new budget proposals in the May 19<sup>th</sup> memo. Carmen recommended that Mark and Jon analyze the costs and benefits of paving in-house versus outsourcing. Jon suggested that the Township send false alarm fee revenue to the fire company.

**Stormwater Fee**

Janet, Carmen and Mike raised concerns about levying a stormwater fee. Consensus was reached to continue to monitor stormwater costs and re-evaluate the need for a fee at a later date.

**Police Pension & OPEB Funding Strategy**

Jon stated that the Township contributes too much towards its Police OPEB liability and not enough towards the Police pension liability and described a joint strategy with Westtown staff for reallocating funding towards the pension deficit.

**Investment Policy Statement & Economic Development Primer**

1 It was agreed that both matters should be discussed at an evening meeting.

2

3 **Adjournment**

4 There being no further business, the regular meeting was adjourned at 12:30pm.

5

6 Jon Altshul

7 East Goshen Township

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46

**EAST GOSHEN TOWNSHIP  
BOARD OF SUPERVISORS MEETING  
1580 PAOLI PIKE  
TUESDAY, JUNE 6 2017  
DRAFT MINUTES**

**Present:** Chairman Marty Shane, Vice Chairman Carmen Battavio, Supervisors Charles (Chuck) Proctor, Janet Emanuel, Michael Lynch, Township Manager Rick Smith, Township CFO Jon Altshul, and Conservancy Board Member Erich Meyer.

**Call to Order & Pledge of Allegiance**

Marty called the meeting to order at 7:05 p.m. and asked Chris Bamber to lead the assembly in the Pledge of Allegiance.

**Moment of Silence**

Carmen called for a moment of silence to honor the troops who defend our nation.

**Recording**

No one indicated they were recording the meeting.

**Chairman's Report/Announcements**

1. Marty announced the Board met in executive session prior to tonight's meeting to conduct an ABC interview, discuss a real estate matter and a pending legal matter.
2. Marty announced that on June 20<sup>th</sup> the Board will consider a recommendation from Milltown Dam Committee for the final plan for the Milltown Park Project.
3. Marty announce that on June 22<sup>nd</sup> the Board will consider a recommendation from the Hershey Mill Dam Committee for the final plan for the Hershey Mill Park Project.

**Consider enactment of the Debt Parameter Ordinance, a resolution adopting a Post-Issuance Compliance Policy and acceptance of a proposal from PFM Financial Advisors to conduct the sale of the bonds**

Jon reported that yesterday, East Goshen received a Aaa credit rating from Moody's, becoming only the 7<sup>th</sup> township in Pennsylvania to earn this distinction.

Chris Bamber, PFM, explained that the AAA rating should correspond with over \$100,000 in interest savings over the life of the bonds compared to a AA rating.

Tim O'Neill, Lamb McErlane PC, provided an overview of the Township's proposed debt parameters ordinance. He noted that the ordinance would allow for a maximum of \$10 million in general obligation bonds to be issued and that the maximum interest rate for any individual bond would be 5.5%, although he expects the final bond sale to be smaller and cheaper than the ordinance allows. The bonds will be used to finance the Paoli Pike Trail, improvements at the Park, the Milltown

1 and Hershey's Mill Dams and East Goshen's share of improvements at the West  
2 Goshen Sewer Treatment Plants, and other projects as may be identified by the  
3 Township, and that these projects have estimated useful lives of between 15 and 25  
4 years. He further added that the Township was pledging its full faith and credit to  
5 guarantee the bonds, that the bonds would be sold by competitive auction as  
6 outlined in the attached proposal from PFM, and that the Township would adopt a  
7 post-issuance compliance policy to make investors aware of material issues in the  
8 Township subsequent to the date of sale as outlined in the attached resolution. He  
9 observed that the ordinance had been duly advertised and had been available for  
10 public inspection since Friday.

11  
12 Marty asked about the date for the bond sale. Chris explained that early July is  
13 probably ideal.

14  
15 Carmen made a motion to enact the debt parameters ordinance as prepared by our  
16 bond council, adopt Resolution 2017-76 establishing a tax-exempt bonds post-  
17 issuance compliance policy, and authorize the Chairman to execute the Proposal for  
18 the Purchase of the Bonds from PFM Financial Advisors. Janet seconded the motion.  
19 The vote was made by roll call vote and passed 5-0 as follows: Janet-yes; Carmen-  
20 yes; Chuck-yes; Mike-yes; Marty-yes.

21  
22 **Consider a request to investigate an alternative for the Hershey Mill Dam**

23 Bob Cosby, 1507 Greenhill Rd, and Neil DeRiemer, 1034 Hershey's Mill Rd,  
24 explained that they had recently met with Roger Adams from DEP about another  
25 option for repairing Hershey's Mill Dam and asked the Board to approve an  
26 expenditure of approximately \$3,000 for an engineering analysis of this option.  
27 Specifically, this option would use articulated concrete blocks to armor an earthen  
28 embankment. Neil argued that this option may be cheaper than breaching the dam  
29 and making improvements to the impoundment area.

30  
31 All members of the Board indicated that the final decision to breach the dam and  
32 make improvements to the impoundment area had been made last summer after a  
33 decade of discussion and substantial costs to the Township and that the Hershey's  
34 Mill Dam Committee had developed an excellent dam to improve the impoundment  
35 area. Therefore, the Board took no action on the request.

36  
37 **Consider a resolution establishing an investment policy statement for**  
38 **Township Funds**

39 Jon explained that the combination of a very gradually improving interest rate  
40 environment and the passage of Act 10 had necessitated the development of an  
41 Investment Policy Statement. The statement formally codifies the types of municipal  
42 investments allowed under state law and establishes the Township's reporting  
43 requirements.

1 Carmen made a motion to approve Resolution 2017-75 establishing an investment  
2 policy statement for Township Funds. Mike seconded the motion. The motion  
3 passed unanimously.

4  
5 **Any Other Matter**

6 Rick stated that Metropolitan has finished most of its work and that the Township  
7 Engineer has recommended that \$12,120 of its escrow be released, leaving a  
8 balance of \$4,000. Mike made a motion to accept the Township Engineer's  
9 recommendation to release the escrow to Metropolitan in the amount of \$12,120.  
10 Carmen seconded the motion. The motion passed unanimously.

11  
12 **Approval of Minutes**

13 The minutes of May 23, 2017, were tabled until the next meeting.

14  
15 **Treasurer's Report**

16 See attached Treasurer's report for June 1, 2017. The Board reviewed the  
17 Treasurer's report and current invoices. Carmen moved to graciously accept the  
18 Treasurer's Report and the Expenditure Register Report as recommended by the  
19 Treasurer, to accept the receipts and to authorize payment of the invoices just  
20 reviewed. Chuck seconded the motion. The motion passed unanimously.

21  
22 **Liaison Reports**

23 1. Planning Commission—Janet noted that the Planning Commission was reviewing  
24 the zoning ordinance with respect to medical marijuana, working on the Paoli Pike  
25 Master Plan, and reviewing the floodplain ordinance as a result of the new  
26 floodplain maps.

27 2. Park & Recreation Commission—Carmen reported that the Bicentennial Event  
28 was a great success and thanked WEGO, Goshen Fire Company, Parks & Rec and  
29 Public Works for their hard work. He encouraged residents to send Jason Lang  
30 feedback.

31 3. Police Commission—Chuck reported that there was a recent retirement and  
32 promotion and that a number of new part-time officers have been hired.

33 4. Conservancy Board—Mike reported that the Conservancy Board will consider  
34 next steps about the trees at the pond in Marydell at its meeting later this month.

35 5. Futurist Committee—Marty reported that the Futurists Committee is interested in  
36 allowing alcohol sales as part of its work on the Paoli Pike Master Plan.

37  
38 **Correspondence**

39 None

40  
41 **Public Comment**

42 Mike Leff, 412 Misak Drive, wanted to know what it would take to amend the  
43 Township zoning ordinance to restrict natural gas pipelines in residential areas.  
44 Rick and Marty provided an overview of the legal issues and encouraged Mr. Leff to  
45 contact Rep. Comitta's and Sen. Killion's office to encourage them to take action to  
46 authorize a state pipeline siting agency, which the Commonwealth currently lacks.

1  
2 Lex Pavlo, 611 South Speakman Lane, stated that the sound levels on his property  
3 have increased since Sunoco took down the mature trees along his backyard. The  
4 Board directed Rick to contact Sunoco to inquire whether Sunoco would install a  
5 sound barrier along Mr. Pavlo's backyard.

6  
7 **Adjournment**  
8 There being no further business, Mike motioned to adjourn the meeting at 9:27 pm.  
9 Chuck seconded the motion. The Board voted unanimously to adjourn.

10  
11 Respectfully submitted,

12  
13  
14 Jon Altshul  
15 Recording Secretary

16  
17  
18 Attachment: Treasurer's Report for June 1, 2017

19  
20  
21  
22  
23  
24  
25  
26  
27

June 1, 2017

**TREASURER'S REPORT  
2017 RECEIPTS AND BILLS**

**GENERAL FUND**

Real Estate Tax	\$59,925.81	Accounts Payable	\$609,008.67
Earned Income Tax	\$90,700.00	<u>Electronic Pmts:</u>	
Local Service Tax	\$3,000.00	Credit Card	\$7,862.08
Transfer Tax	\$0.00	Postage	\$0.00
<i>General Fund Interest Earned</i>	\$0.00	Debt Service	\$0.00
Total Other Revenue	\$27,863.80	Payroll	\$105,640.53
Total Receipts:	<u>\$181,489.61</u>	Total Expenditures:	<u>\$722,511.28</u>

**STATE LIQUID FUELS FUND**

Receipts	\$0.00	Expenditures:	_____
<i>Interest Earned</i>	\$0.00		
Total State Liquid Fuels:	<u>\$0.00</u>		

**SINKING FUND**

Receipts	\$0.00	Accounts Payable	\$95,106.05
<i>Interest Earned</i>	\$0.00	<u>Credit Card</u>	\$0.00
Total Sinking Fund:	<u>\$0.00</u>	Total Expenditures:	<u>\$95,106.05</u>

**TRANSPORTATION FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$0.00		
Total Sinking Fund:	<u>\$0.00</u>		

**SEWER OPERATING FUND**

Receipts	\$275,580.36	Accounts Payable	\$41,628.59
<i>Interest Earned</i>	\$1.64	Debt Service	\$0.00
Total Sewer:	<u>\$275,582.00</u>	<u>Credit Card</u>	\$0.00
		Total Expenditures:	<u>\$41,628.59</u>

**REFUSE FUND**

Receipts	\$85,820.74	Expenditures:	<u>\$13,629.16</u>
<i>Interest Earned</i>	\$1.63		
Total Refuse:	<u>\$85,822.37</u>		

**SEWER SINKING FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$0.00		
Total Sewer Sinking Fund:	<u>\$0.00</u>		

**OPERATING RESERVE FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$0.00		
Total Operating Reserve Fund:	<u>\$0.00</u>		

**Events Fund**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$0.00		
Total Events Fund:	<u>\$0.00</u>		

1

June 15, 2017

**TREASURER'S REPORT  
2017 RECEIPTS AND BILLS**

**GENERAL FUND**

Real Estate Tax	\$45,472.93	Accounts Payable	\$196,212.79
Earned Income Tax	\$316,549.63	<u>Electronic Pmts:</u>	
Local Service Tax	\$24,891.37	Credit Card	\$0.00
Transfer Tax	\$65,011.62	Postage	\$1,000.00
<i>General Fund Interest Earned</i>	\$5,644.15	Debt Service	\$11,287.49
Total Other Revenue	\$29,612.56	Payroll	\$118,178.85
Total Receipts:	<u>\$487,182.26</u>	Total Expenditures:	<u>\$326,679.13</u>

**STATE LIQUID FUELS FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$1.42		
Total State Liquid Fuels:	<u>\$1.42</u>		

**SINKING FUND**

Receipts	\$0.00	Accounts Payable	\$19,289.19
<i>Interest Earned</i>	\$3,751.72	Credit Card	\$0.00
Total Sinking Fund:	<u>\$3,751.72</u>	Total Expenditures:	<u>\$19,289.19</u>

**TRANSPORTATION FUND**

Receipts	\$0.00	Expenditures:	<u>\$561.25</u>
<i>Interest Earned</i>	\$461.35		
Total Sinking Fund:	<u>\$461.35</u>		

**SEWER OPERATING FUND**

Receipts	\$61,867.24	Accounts Payable	\$36,060.99
<i>Interest Earned</i>	\$82.49	Debt Service	\$363,275.50
Total Sewer:	<u>\$61,949.73</u>	Credit Card	\$0.00
		Total Expenditures:	<u>\$399,336.49</u>

**REFUSE FUND**

Receipts	\$19,175.65	Expenditures:	<u>\$71,247.10</u>
<i>Interest Earned</i>	\$17.46		
Total Refuse:	<u>\$19,193.11</u>		

**SEWER SINKING FUND**

Receipts	\$0.00	Expenditures:	<u>\$56,572.67</u>
<i>Interest Earned</i>	\$424.60		
Total Sewer Sinking Fund:	<u>\$424.60</u>		

**OPERATING RESERVE FUND**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$456.53		
Total Operating Reserve Fund:	<u>\$456.53</u>		

**Events Fund**

Receipts	\$0.00	Expenditures:	<u>\$0.00</u>
<i>Interest Earned</i>	\$1.37		
Total Events Fund:	<u>\$1.37</u>		



---

---

**EAST GOSHEN TOWNSHIP  
MEMORANDUM**

---

---

**TO:** BOARD OF SUPERVISORS  
**FROM:** BRIAN MCCOOL  
**SUBJECT:** PROPOSED PAYMENTS OF BILLS  
**DATE:** 06-15-2017

---

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.

General Fund expenses include \$42,991 for the 4<sup>th</sup> installment for workers compensation insurance, \$36,293 for health insurance and \$21,580 for asphalt.

The Sinking Fund had one expenditure in the amount of \$19,289 for engineering services for the Paoli Pike Trail.

The Sewer Capital Reserve Fund had an expenditure totaling \$51,271 for the new 8" trailer mounted pump.

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

Report Date 06/09/17

Expenditures Register  
GL-1706-58534

MARP05 run by BARBARA 9 : 48 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
3148				HOT FROG PRINT MEDIA LLC						
	51460	1	01401 3420	NEWSLETTERS	121487	06/09/17	06/09/17	06/09/17	13496	2,343.28
				MAILING & POSTAGE SUMMER 2017						
										2,343.28
										2,343.28
										2,343.28
									1 Printed, totaling	2,343.28

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	2,343.28	GENERAL FUND
		2,343.28	

PERIOD SUMMARY

Period	Amount
1706	2,343.28
	2,343.28

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 1

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
3313				21ST CENT.MEDIA NEWS #608071						
	51469	1	01452 3210	FARMERS MARKET EXPENSE	1333786 1333794	06/12/17		06/12/17		1,250.00
				FARMER'S MARKET AD - FULL & HALF PG						
										1,250.00
2226				21ST CENT.MEDIA NEWS #884433						
	51468	1	01401 3400	ADVERTISING - PRINTING	1334115	06/12/17		06/12/17		71.08
				NOTICE E.GOSHEN PLANNING						
	51468	2	01401 3400	ADVERTISING - PRINTING	1334122	06/12/17		06/12/17		71.08
				NOTICE MILLTOWN DAM COMMITTEE						
										142.16
3140				ACE DISPOSAL CORP						
	51470	1	01454 3000	GENERAL EXPENSE	118510	06/12/17		06/12/17		330.00
				HANDI-CAP PORTABLE TOILETS 5/17 - 6/16/17						
										330.00
43				AMERICAN ARBORIST SUPPLY						
	51473	1	01437 2460	GENERAL EXPENSE - SHOP	59346	06/12/17		06/12/17		550.00
				COMMUNICATION HEADSET/LITE						
										550.00
68				AMS APPLIED MICRO SYSTEMS LTD.						
	51474	1	01401 3120	CONSULTING SERVICES	63461	06/12/17		06/12/17		1,097.00
				MAY 2017						
	51474	2	01414 5001	ZONING IT CONSULTING	63461	06/12/17		06/12/17		28.00
				MAY 2017 - GEO PLAN						
										1,125.00
1657				AQUA PA						
	51475	1	01411 3630	HYDRANT & WATER SERVICE	060117 279	06/12/17		06/12/17		4,696.50
				000310033 0310033 4/28-5/31/17 186						
	51475	2	01411 3631	HYDRANTS - RECHARGE EXPENSE	060117 279	06/12/17		06/12/17		2,348.25
				000310033 0310033 4/28-5/31/17 93						
	51476	1	01411 3630	HYDRANT & WATER SERVICE	060117 HY6	06/12/17		06/12/17		137.52
				000309987 0309987 4/28-5/31/17 HY6						
	51478	1	01409 3600	TWP. BLDG. - FUEL, LIGHT, WATER	052517 BS	06/12/17		06/12/17		16.00
				000309801 0309801 4/25-5/23/17 BS						
										7,198.27

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 2

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
102				B&D COMPUTER SOLUTIONS						
	51481	1	01401 3120	CONSULTING SERVICES MAY 2017	00003104	06/12/17		06/12/17		2,000.00
	51481	2	01407 2130	COMPUTER EXPENSE POWER SUPPLY - RICK'S LAPTOP	00003104	06/12/17		06/12/17		59.00
										2,059.00
119				BEE.NET INTERNET SERVICES						
	51482	1	01401 3210	COMMUNICATION EXPENSE BEE MAIL ACCOUNTS - JUNE 2017	201706010	06/12/17		06/12/17		315.00
										315.00
168				BRANDYWINE FLAGS						
	51484	1	01452 3204	COMMUNITY DAY BUNTING FOR BICENTENNIAL	060117	06/12/17		06/12/17		344.00
										344.00
3859				CARMODY, JOAN						
	51486	1	01367 3711	PILATES REFUND FOR BAL. OF PILATE CLASSES	820614	06/12/17		06/12/17		52.75
										52.75
3860				CHESTERBROOK ACADEMY ELEMENTARY						
	51487	1	01367 3240	PARK FEES DEPOSIT RETURN- PARK RENTAL 5/19/17	060817	06/12/17		06/12/17		100.00
										100.00
3488				CINTAS CORPORATION #287						
	51488	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS WEEK END 5/31/17 CLEAN MATS	287746559	06/12/17		06/12/17		74.75
	51488	2	01487 1910	UNIFORMS WEEK END 5/31/17 CLEAN UNIFORMS	287746559	06/12/17		06/12/17		382.23
	51489	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS WEEK END 6/7/17 CLEAN MATS	287749895	06/12/17		06/12/17		78.49
	51489	2	01487 1910	UNIFORMS WEEK END 6/7/17 CLEAN UNIFORMS	287749895	06/12/17		06/12/17		401.93
	51489	3	01487 1910	UNIFORMS LESS CREDIT - 4 WEEKS C. LINDER	287749895	06/12/17		06/12/17		-129.80
										807.60

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 3

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2996				CNS CLEANING COMPANY						
	51490	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS JANITORIAL SERVICE TOWNSHIP JUNE 2017	50170	06/12/17		06/12/17		870.00
	51490	2	01409 3840	DISTRICT COURT EXPENSES JANITORIAL SERVICE DISTRICT COURT JUNE 2017	50170	06/12/17		06/12/17		255.00
										1,125.00
293				COLONIAL ELECTRIC SUPPLY						
	51491	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS KSTN KITS - LED	11359911	06/12/17		06/12/17		193.00
	51491	2	01409 3740	TWP. BLDG. - MAINT & REPAIRS CREDIT ON ACCOUNT	11359911	06/12/17		06/12/17		-79.85
										113.15
296				COMCAST 8499-10-109-0028306						
	51492	1	01401 3210	COMMUNICATION EXPENSE 0028306 JUNE 2017	052217	06/12/17		06/12/17		70.00
										70.00
317				CONTRACTOR'S CHOICE						
	51493	1	01430 2330	VEHICLE MAINT AND REPAIR CHAIN SAW CHAINS	00212662	06/12/17		06/12/17		858.00
	51494	1	01437 2460	GENERAL EXPENSE - SHOP SAFETY VESTS, TWINE & TWINE REEL	00212663	06/12/17		06/12/17		82.11
										940.11
320				CONWAY POWER EQUIPMENT						
	51495	1	01430 2330	VEHICLE MAINT AND REPAIR OIL FILTERS - MOWERS	32450	06/12/17		06/12/17		19.98
										19.98
3613				DELAWARE VALLEY HEALTH TRUST						
	51496	1	01486 1560	HEALTH, ACCID. & LIFE JUNE 2017 PREMIUM MED & RX	13016	06/12/17		06/12/17		36,292.51
	51496	2	01213 1000	DENTAL INSURANCE W/H JUNE 2017 PREMIUM DENTAL	13016	06/12/17		06/12/17		885.94
										37,178.45

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 4

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2631				GRAPHIC IMPRESSIONS OF AMERICA INC.						
	51497	1	01413 3000	GENERAL EXPENSE	17-8150	06/12/17		06/12/17		55.00
				GREEN POST CARD SHEETS - CODES						
	51498	1	01413 3000	GENERAL EXPENSE	17-8115	06/12/17		06/12/17		178.00
				2 PKS FIELD REPORTS						
	51498	2	01401 2110	STATIONERY	17-8115	06/12/17		06/12/17		125.00
				FIRST CLASS ADDRESS LABELS						
	51499	1	01452 3204	COMMUNITY DAY	17-7861	06/12/17		06/12/17		1,754.85
				NAVY & LIGHT BLUE POLO SHIRTS (269)						
	51500	1	01452 3204	COMMUNITY DAY	17-8179	06/12/17		06/12/17		82.00
				NAVY POLO SHIRTS (6)						
										2,194.85
3131				GREAT AMERICA FINANCIAL SERVICES						
	51501	1	01401 3840	RENTAL OF EQUIP. -OFFICE	20701768	06/12/17		06/12/17		305.00
				JUNE 2017 LANIER MP C5503						
										305.00
627				HIGHWAY MATERIALS INC.						
	51502	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS	14862	06/12/17		06/12/17		11,871.07
				265.87 TONS 19mm,0.3<3,B,PG64,WM						
				BASE REPAIR - GOSHEN DOWNS						
	51503	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS	14879	06/12/17		06/12/17		9,380.07
				210.08 TONS 19mm,0.3<3,B,PG64,WM						
				BASE REPAIR - GOSHEN DOWNS						
	51504	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS	14214	06/12/17		06/12/17		329.24
				7.05 TONS 19mm,0.3<3,H,PG64,WM						
										21,580.38
3148				HOT FROG PRINT MEDIA LLC						
	51564	1	01401 3250	POSTAGE	121504	06/12/17		06/12/17		1,511.36
				PIPELINE POSTCARD MAILING						
										1,511.36
719				KEEN COMPRESSED GAS COMPANY						
	51505	1	01437 2460	GENERAL EXPENSE - SHOP	83138113	06/12/17		06/12/17		55.29
				VARIOUS CYLINDERS OF GASES						
										55.29
787				LOW-RISE ELEVATOR CO. INC						
	51506	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS	71187	06/12/17		06/12/17		40.00
				BASIC MAINTENANCE - MAY 2017						
										40.00



Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 6

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1641	51519	1 01430	2330	NAPA AUTO PARTS VEHICLE MAINT AND REPAIR FUEL, OIL & AIR FILTERS	2-704017	06/12/17		06/12/17		272.44
										272.44
3679	51520	1 01401	3210	NETCARRIER TELECOM INC. 67846 COMMUNICATION EXPENSE 6/1/17 - 6/30/17	451620	06/12/17		06/12/17		358.39
										358.39
3680	51526	1 01401	3210	NETCARRIER TELECOM INC. 67891 COMMUNICATION EXPENSE 6/1/17 - 6/30/17	451627	06/12/17		06/12/17		132.86
										132.86
1554	51528	1 01401	2100	OFFICE DEPOT MATERIALS & SUPPLIES LETTERING TAPE & PENS	930264738001	06/12/17		06/12/17		12.01
	51529	1 01401	2100	MATERIALS & SUPPLIES MAGIC TAPE & BINDER CLIPS	931235806001	06/12/17		06/12/17		24.11
	51530	1 01401	2100	MATERIALS & SUPPLIES FILE CABINET RAILS & WRITING PADS	931235630001	06/12/17		06/12/17		166.76
	51531	1 01401	2100	MATERIALS & SUPPLIES LETTER SIZE TAN PAPER	931029864001	06/12/17		06/12/17		10.89
										213.77
1022	51532	1 01454	3740	PATTERSON, MICHAEL J. EQUIPMENT MAINT. & REPAIR REMOVE & REPLACE SPLIT RAILS TO REPAIR FENCE	051917	06/12/17		06/12/17		595.00
										595.00
2352	51537	1 01434	3610	PECO - 99193-01400 STREET LIGHTING 99193-01400 4/26-5/25/17	060117	06/12/17		06/12/17		768.88
	51537	2 01433	2470	UTILITIES - TRAFFIC LIGHTS 99193-01400 4/26-5/25/17	060117	06/12/17		06/12/17		662.51
										1,431.39





Report Date 06/12/17

Expenditures Register  
GL-1706-58567

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
3101	51543	1	01452 3204	PONY RIDES BY DONNA COMMUNITY DAY PONY RIDES & PETTING ZOO - COMM.DAY	060217	06/12/17		06/12/17		1,400.00
										1,400.00
1161	51544	1	01430 2320	REILLY & SONS INC VEHICLE OPERATION - FUEL 331.1 GALS. GASOLINE	123185	06/12/17		06/12/17		605.91
	51545	1	01430 2320	VEHICLE OPERATION - FUEL 472.7 GALS. DIESEL	123163	06/12/17		06/12/17		792.72
	51546	1	01430 2320	VEHICLE OPERATION - FUEL 367.1 GALS. DIESEL	123385	06/12/17		06/12/17		649.40
										2,048.03
1201	51547	1	01452 2000	SAFETY SOLUTIONS INC. SUMMER PROGRAM SUPPLIES YOUTH CAMP FIRST AID SUPPLIES	47914	06/12/17		06/12/17		156.90
	51548	1	01437 2460	GENERAL EXPENSE - SHOP MEDICAL SUPPLIES - PW	47915	06/12/17		06/12/17		140.35
										297.25
3863	51549	1	01409 3740	SAUDER'S NURSERY TWP. BLDG. - MAINT & REPAIRS HYDRANGEAS - TWP. BUILDING	1120	06/12/17		06/12/17		670.50
										670.50
3750	51551	1	01454 3718	SIMONE COLLINS MILLTOWN DAM PROF.SERVICE - MAY 2017 MILLTOWN DAM PARK GRANTS	12409	06/12/17		06/12/17		807.50
										807.50
2157	51550	1	01452 3204	SMITH, SUSAN COMMUNITY DAY REIMBURSEMENT FOR FLAG & BUNITNG CLEAINING	060717	06/12/17		06/12/17		155.00
										155.00

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 9

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1783	51552	1 01411	6000	STATE WORKERS INSURANCE FUND VOLUNTEER FIREFIGHTER WORKERS COMP INSTALMT. 7 OF 11 POLICY# 05918452	060117	06/12/17		06/12/17		4,777.00
										4,777.00
2109	51553	1 01452	3204	TRAFFIC SAFETY STORE, THE COMMUNITY DAY RUBBER SPEED BUMP FOR WIRING	INV000470301	06/12/17		06/12/17		535.80
	51554	1 01452	3204	COMMUNITY DAY REFLECTER CONE BAR & COLLARS	INV000472351	06/12/17		06/12/17		179.80
										715.60
1939	51555	1 01401	3250	UPS STORE #753 POSTAGE RETURN PRODUCTS TO HACH	051917	06/12/17		06/12/17		17.51
										17.51
2829	51556	1 01401	3210	VERIZON - TWP.FIOS 0001-74 COMMUNICATION EXPENSE 5/28/17 - 6/27/17 FIOS - TWP	0001-74 052717	06/12/17		06/12/17		89.99
										89.99
2942	51559	1 01401	3210	VERIZON WIRELESS 16809-00001 COMMUNICATION EXPENSE 4/21/17 - 5/20/17 WIRELESS	9786097312	06/12/17		06/12/17		680.08
										680.08
3791	51560	1 01401	3210	VERIZON WIRELESS 16809-00002 COMMUNICATION EXPENSE 4/21/17 - 5/20/17 WIRELESS	9786097313	06/12/17		06/12/17		137.60
										137.60
3864	51561	1 01367	3020	WINGERD, HAROLD TRIPS REFUND - UNABLE TO ATTEND NYC TRIP	820423	06/12/17		06/12/17		90.00
										90.00
1983	51562	1 01409	3740	YALE ELECTRIC SUPPLY CO TWP. BLDG. - MAINT & REPAIRS BULBS FOR ELEVATOR	S108076828.001	06/12/17		06/12/17		30.16
										30.16

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 10

MARP05 run by BARBARA

4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
03				SINKING FUND						
3551				MCMAHON ASSOCIATES INC.						
51511	1	03460	7403	PAOLI PK.TRAIL - SEGMT.C PROF.SERVICE - 4/1 - 4/28/17 PAOLI PIKE TRAIL - SEGMENT C	153409	06/12/17		06/12/17		12,972.77
51513	1	03460	7406	PAOLI PK.TRAIL - SEGMT.F PROF.SERVICE APRIL 2017 PAOLI PK TRAIL SEGMENT F & G	153365	06/12/17		06/12/17		3,158.21
51513	2	03460	7407	PAOLI PK.TRAIL - SEGMT.G PROF.SERVICE APRIL 2017 PAOLI PK TRAIL SEGMENT F & G	153365	06/12/17		06/12/17		3,158.21
										19,289.19

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 11

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
2918				ALS ENVIRONMENTAL						
	51472	1	05422 4500	R.C. STP-CONTRACTED SERV. LAB TESTING RCSTP 5/2-5/18/17	40-2161318	06/12/17		06/12/17		354.00
										354.00
1658				AQUA PA						
	51477	1	05420 3602	C.C. COLLECTION -UTILITIES 000305003 0305003 4/26-5/24/17 WW	052617 WW	06/12/17		06/12/17		27.50
	51479	1	05422 3601	R.C. COLLEC.-UTILITIES 001533998 1087842 4/25-5/23/17 TWN	052517 TWN	06/12/17		06/12/17		53.70
	51480	1	05420 3602	C.C. COLLECTION -UTILITIES 000309826 0309826 4/25-5/23/17 TH	052517 TH	06/12/17		06/12/17		26.00
										107.20
151				BLOENSKI DISPOSAL CO, CHARLES						
	51483	1	05422 4502	R.C. SLUDGE-LAND CHESTER SWITCH 20 YDS WITH LINER 5/22	15069	06/12/17		06/12/17		181.00
										181.00
241				C.C. SOLID WASTE AUTHORITY						
	51485	2	05422 4502	R.C. SLUDGE-LAND CHESTER WEEK 5/23/17 - 5/31/17	47381	06/12/17		06/12/17		488.43
										488.43
3043				MAIN POOL & CHEMICAL COMP. INC.						
	51507	1	05422 2441	R.C. COLLEC.-CHEMICALS 2000 GALLONS ALUMINUM SULFATE	1760677	06/12/17		06/12/17		2,340.00
	51508	1	05422 2441	R.C. COLLEC.-CHEMICALS 245 50LB BAGS SODIUM CARBONATE LITE	1760741	06/12/17		06/12/17		3,675.00
										6,015.00
3675				NETCARRIER TELECOM INC. 67889						
	51524	1	05420 3602	C.C. COLLECTION -UTILITIES 6/1/17 - 6/30/17	451625	06/12/17		06/12/17		48.17
										48.17
3676				NETCARRIER TELECOM INC. 67890						
	51525	1	05422 3600	R.C STP -UTILITIES 6/1/17 - 6/30/17	451626	06/12/17		06/12/17		43.18
										43.18

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05	SEWER OPERATING									
3677	51521	1	05420 3602	NETCARRIER TELECOM INC. 67887 C.C. COLLECTION -UTILITIES 6/1/17 - 6/30/17	451623	06/12/17		06/12/17		48.51
										48.51
3678	51523	1	05420 3602	NETCARRIER TELECOM INC. 67888 C.C. COLLECTION -UTILITIES 6/1/17 - 6/30/17	451624	06/12/17		06/12/17		49.49
										49.49
3725	51527	1	05420 3702	NETCARRIER TELECOM INC. 68255 C.C. COLLEC.-MAINT.& REPR. 6/1/17 - 6/30/17	451835	06/12/17		06/12/17		49.38
										49.38
1005	51541	2	05422 3701	PENNSYLVANIA ONE CALL SYSTEM R.C. COLLEC.-MAINT.& REPR MONTHLY ACTIVITY - MAY 2017	0000728206	06/12/17		06/12/17		47.92
	51541	3	05420 3701	C.C. INTERCEPT.-MAINT.&REP MONTHLY ACTIVITY - MAY 2017	0000728206	06/12/17		06/12/17		47.93
										95.85
1087	51542	1	05422 3700	PIPE XPRESS INC. R.C. STP-MAINT.& REPAIRS ADAPTER, CLAMPS, TAPE, & CONDUITS	85128	06/12/17		06/12/17		53.31
										53.31
3529	51558	1	05420 3601	VERIZON - MODEMS C.C. INTERCEPTOR-UTILITIES 4/26/17 - 5/25/17 MODEMS	9786437512	06/12/17		06/12/17		81.65
										81.65
2773	51557	1	05422 3601	VERIZON - PW FIOS 0001-15 R.C. COLLEC.-UTILITIES 5/28/17 - 6/27/17 FIOS - PW	0001-15 052717	06/12/17		06/12/17		89.99
										89.99

Report Date 06/12/17

Expenditures Register  
GL-1706-58567

PAGE 13

MARP05 run by BARBARA 4 : 40 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06		REFUSE								
2762				AJB A.J. BLOSENSKI INC.						
	51471	1	06427 4500	CONTRACTED SERV.	76102993	06/12/17		06/12/17		57,910.03
				RESIDENTIAL PICK-UP JUNE 2017						
	51471	2	06427 4500	CONTRACTED SERV.	76102993	06/12/17		06/12/17		-11.65
				LESS COST OF RESIDENT'S TRASHCAN - DAMAGED						
										57,898.38
241				C.C. SOLID WASTE AUTHORITY						
	51485	1	06427 4502	LANDFILL FEES	47381	06/12/17		06/12/17		6,361.35
				WEEK 5/23/17 - 5/31/17						
										6,361.35
										298,783.11
										77 Printed, totaling 298,783.11

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	156,258.36	GENERAL FUND
03	03	19,289.19	SINKING FUND
05	05	7,705.16	SEWER OPERATING
06	06	64,259.73	REFUSE
		247,512.44	

PERIOD SUMMARY

Period	Amount
1706	247,512.44
	247,512.44

Report Date 06/13/17

Expenditures Register  
GL-1706-58590

PAGE 1

MARP05 run by BARBARA 3 : 04 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
3865				INTERWARE DEVELOPMENT COMPANY						
	51565	1	05429 3000	ADMIN.-GENERAL EXPENSE	061317	06/13/17		06/13/17		275.00
				50% DEPOSIT - UTILITY PAYMT. PORTAL						
										275.00
										275.00
										0 Printed, totaling 275.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
05	05	275.00	SEWER OPERATING
		275.00	

PERIOD SUMMARY

Period	Amount	
1706	275.00	
		275.00



Report Date 06/15/17

Expenditures Register  
GL-1706-58624

MARP05 run by BARBARA 12 : 01 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
-----										
04		ROAD IMPROVEMENTS								
3551		MCMAHON ASSOCIATES INC.								
	51578	1	04439 6040	TRAFFIC STUDY 352 & KING RD. FEASIBILITY STUDY	153506	06/15/17	06/15/17	06/15/17	1007 p	561.25
-----										
										561.25
-----										
										561.25
										1 Prepays, totaling 561.25
										0 Printed, totaling 0.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
04	04	561.25	ROAD IMPROVEMENTS
		-----	
		561.25	

PERIOD SUMMARY

Period	Amount
-----	-----
1706	561.25
-----	
	561.25

Report Date . 06/16/17

Expenditures Register  
GL-1706-58629

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
2226	51579	1	01401 3400	21ST CENT.MEDIA NEWS #884433 ADVERTISING - PRINTING PUBLIC NOTICE -6/2/17	1349229	06/15/17		06/15/17		686.30
										686.30
6	51580	1	01409 3740	ABC PAPER & CHEMICAL INC TWP. BLDG. - MAINT & REPAIRS C-FOLD TOWELS	081592	06/15/17		06/15/17		40.40
	51581	1	01454 2000	MAINTENANCE SUPPLIES BLEACH, TOILET TISSUE, TRASH LINERS , URINAL BLKS & ALL-PURPOSE CLEANERS	081660	06/15/17		06/15/17		609.13
										649.53
3140	51583	1	01454 3000	ACE DISPOSAL CORP GENERAL EXPENSE HANDICAP PORTABLE TOILETS 6/30/17	119480	06/15/17		06/15/17		140.00
	51584	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS PORTABLE TOILET - JUNE 2017	119481	06/15/17		06/15/17		110.00
										250.00
2898	51592	1	01454 3711	AQUASCAPES UNLIMITED POND TREATMENT POND SERVICE - BOW TREE 5/25	1917	06/15/17		06/15/17		461.82
	51593	1	01454 3711	POND TREATMENT POND SERVICE - BOW TREE 6/1	1918	06/15/17		06/15/17		534.26
										996.08
113	51594	1	01438 2460	BARTLETT TREE EXPERTS TREE REMOVAL REMOVE PIN OAK - GRAND OAK LANE	37300462-0	06/15/17		06/15/17		3,868.00
	51595	1	01438 2460	TREE REMOVAL CLEAN CAVITY & INSTALL ANT BAIT - SILVER MAPLE - LINDEN LANE	37359586-0	06/15/17		06/15/17		275.00
										4,143.00
2973	51598	1	01430 2330	BORTEK INDUSTRIES INC. VEHICLE MAINT AND REPAIR VEHICLE REPAIR - S.WALKER	NY010634	06/15/17		06/15/17		332.47
										332.47

Report Date 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 2

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
176	51599	1 01433	2450	BRITE STRIPE MATERIALS & SUPPLIES - SIGNS RE-STRIPE GOSHEN PARK LOT, STENCIL MANLEY RD. "STOP AHEAD" & PAINT STOP BARS - CHARTER CHASE	EG1701	06/15/17		06/15/17		1,130.00
										1,130.00
3112	51600	1 01452	2010	C-B ENTERPRISES INC. SUMMER PROGRAM FIELD TRIPS FRENCH CREEK POOL TRIPS 6/28, 7/20 & 7/26	051717	06/15/17		06/15/17		1,648.00
										1,648.00
3598	51602	1 01438	2450	CEDAR HOLLOW RECYCLING MATERIALS & SUPPLIES-HIGHWAYS 9.34 TONS MIXED MATTER	00012496	06/15/17		06/15/17		140.10
										140.10
3488	51603	1 01487	1910	CINTAS CORPORATION #287 UNIFORMS TIMBERLAND SHOES	287739802	06/15/17		06/15/17		141.94
										141.94
497	51604	1 01430	2330	COLLIFLOWER INC. VEHICLE MAINT AND REPAIR HOSE ASSEMBLY	J96175-001	06/15/17		06/15/17		176.17
										176.17
3249	51605	1 01401	3210	COMCAST 8499-10-109-0107712 COMMUNICATION EXPENSE 0107712 6/5-7/4/17 EG PARK LED	060417	06/15/17		06/15/17		105.75
										105.75
3490	51606	1 01401	3210	COMCAST 8499-10-109-0111284 COMMUNICATION EXPENSE 0111284 6/9-7/8/17 SPEC.VIDEO PW	060417	06/15/17		06/15/17		23.22
										23.22

Report Date 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 3

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
320				CONWAY POWER EQUIPMENT						
	51607	1	01430 2330	VEHICLE MAINT AND REPAIR PLATINUM GATORLINE	31834	06/15/17		06/15/17		283.12
	51608	1	01430 2330	VEHICLE MAINT AND REPAIR THROTTLE CABLE	31991	06/15/17		06/15/17		26.86
										309.98
3369				DELANEY, DONNA						
	51610	1	01452 3210	FARMERS MARKET EXPENSE ENTERTAINMENT - 6/15 FARMERS MKT.	061517	06/15/17		06/15/17		225.00
										225.00
418				EAGLE POWER AND EQUIPMENT						
	51611	1	01430 2330	VEHICLE MAINT AND REPAIR FILTER MAINTENANCE 2010 CASE	F307815	06/15/17		06/15/17		798.18
										798.18
3702				EFORCE COMPLIANCE						
	51612	1	01401 3000	GENERAL EXPENSE RECYCLING EVENT 6/10/17	14681	06/15/17		06/15/17		2,500.00
										2,500.00
2075				ELVERSON SUPPLY COMPANY						
	51613	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS PAINT & PAINT TRAY - PLANK HOUSE	289940	06/15/17		06/15/17		318.90
	51614	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS PAINT & PATCH SPACKLING	289779	06/15/17		06/15/17		336.47
										655.37
3867				GAFFNEY, KEVIN						
	51615	1	01367 3100	SUMMER PROGRAM REFUND FOR CANCELED CAMP PROGRAMS	820693	06/15/17		06/15/17		1,128.00
										1,128.00
3000				GARNET FORD						
	51616	1	01430 2330	VEHICLE MAINT AND REPAIR ELEMENTS & KITS - TRUCK #14	054611	06/15/17		06/15/17		218.07
										218.07

Report Date: 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 4

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2717				HIGGINS & SONS INC., CHARLES A.						
	51618	1	01433 2500	MAINT. REPAIRS.TRAFF.SIG.	44691	06/15/17		06/15/17		65.00
				TRAF.LIGHT REPAIR - AIRPORT & WARD						
	51619	1	01433 2500	MAINT. REPAIRS.TRAFF.SIG.	44642	06/15/17		06/15/17		260.00
				TRAF.LIGHT REPAIR - BOOT & VILL.SQ.						
	51621	1	01433 2500	MAINT. REPAIRS.TRAFF.SIG.	44636	06/15/17		06/15/17		104.74
				TRAF.LIGHT REPAIR - PAOLI PK & GOSHEN VILL.						
-----										429.74
2401				HIGGINS, DOLORES						
	51622	1	01452 3204	COMMUNITY DAY	061417	06/15/17		06/15/17		13.80
				DRESS FABRIC & HAT						
-----										13.80
2442				KENT AUTOMOTIVE						
	51623	1	01430 2330	VEHICLE MAINT AND REPAIR	9304960153	06/15/17		06/15/17		460.13
				FLAP DISCS						
	51624	1	01430 2330	VEHICLE MAINT AND REPAIR	9304978194	06/15/17		06/15/17		322.84
				HARNESS WRAP WIRE & FITTINGS						
-----										782.97
3838				KNIGHT BROS. INC.						
	51625	1	01438 2460	TREE REMOVAL	11979	06/15/17		06/15/17		840.00
				TREE REMOVAL - BROOKE DR.						
-----										840.00
765				LENNI ELECTRIC CORPORATION						
	51633	1	01409 3745	PW BUILDING - MAINT REPAIRS	170555	06/15/17		06/15/17		347.00
				REPAIR OUTAGES -PW WOODWORKING SHOP						
	51634	1	01454 3740	EQUIPMENT MAINT. & REPAIR	170580	06/15/17		06/15/17		668.47
				INSTALL POWER - PARK NORTH ENTRANCE						
				LIGHTING						
	51635	1	01452 3204	COMMUNITY DAY	170602	06/15/17		06/15/17		366.86
				ELECTRICAL SET-UP COMMUNITY DAY						
-----										1,382.33
1641				NAPA AUTO PARTS						
	51637	1	01430 2330	VEHICLE MAINT AND REPAIR	2-703219	06/15/17		06/15/17		79.81
				BATTERY TENDER						
	51638	1	01430 2330	VEHICLE MAINT AND REPAIR	2-702989	06/15/17		06/15/17		41.07
				AUTRAN SYN29						
	51639	1	01430 2330	VEHICLE MAINT AND REPAIR	2-700204	06/15/17		06/15/17		10.94
				SPECIAL FILTER ORDER - POSTAGE						
-----										131.82

Report Date: 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 5

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
3470	51640	1	01409 3740	NASK DOOR INC. TWP. BLDG. - MAINT & REPAIRS REPLACE PAD MOUNT & SPRING BRACKET ON DELIVERY DOOR	29030	06/15/17		06/15/17		248.00
										248.00
3334	51641	1	01486 1560	NATIONWIDE EMPLOYEE BENEFITS HEALTH, ACCID. & LIFE JUNE 2017 PREMIUM	060717	06/15/17		06/15/17		4,068.30
	51641	2	01213 1010	VOL. LIFE INSURANCE W/H JUNE 2017 PREMIUM	060717	06/15/17		06/15/17		145.40
										4,213.70
3548	51642	1	01401 2100	OFFICE BASICS MATERIALS & SUPPLIES 21 CASES COPY PAPER - LETTER	I-626134	06/15/17		06/15/17		425.25
										425.25
1554	51643	1	01401 2100	OFFICE DEPOT MATERIALS & SUPPLIES FILE CABINET RAILS	931931269002	06/15/17		06/15/17		32.99
										32.99
1032	51646	1	01409 3600	PECO - 99193-01302 TWP. BLDG. - FUEL, LIGHT, WATER 99193-01302 4/26-5/31/17	060717	06/15/17		06/15/17		1,651.49
	51646	2	01454 3600	UTILITIES 99193-01302 4/26-5/31/17	060717	06/15/17		06/15/17		100.66
										1,752.15
1065	51647	1	01401 2100	PETTY CASH MATERIALS & SUPPLIES GIANT - PAPER TOWELS, FASTSIGNS - DOOR PLAQUE - SUSAN D'AMORE	061317	06/15/17		06/15/17		37.99
	51647	2	01401 3000	GENERAL EXPENSE PEPPER MILL - POL.MTG. REFRESHMTS, SODA - WESTTOWN MTG.	061317	06/15/17		06/15/17		62.88
	51647	3	01437 2460	GENERAL EXPENSE - SHOP PIZZA & SODA PW AWARENESS DAY	061317	06/15/17		06/15/17		129.74
	51647	4	01452 3204	COMMUNITY DAY SODA - BICENTENNIAL HELP, SMART CLEANERS - BICENT.FLAGS	061317	06/15/17		06/15/17		37.00
	51647	5	01487 4600	TRAINING & SEMINARS-EMPLY FOOD - BILL MINAHAN - TRAINING	061317	06/15/17		06/15/17		72.55



Report Date: 06/16/17

Expenditures Register  
GL-1706-58629

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1161				REILLY & SONS INC						
	51662	1	01430 2320	VEHICLE OPERATION - FUEL 607.1 GALS. DIESEL	123855	06/15/17		06/15/17		984.72
	51663	1	01430 2320	VEHICLE OPERATION - FUEL 135.0 GALS GASOLINE	123609	06/15/17		06/15/17		248.00
	51664	1	01430 2320	VEHICLE OPERATION - FUEL 305.2 GALS DIESEL	123597	06/15/17		06/15/17		528.61
-----										1,761.33
3682				RUSSELL STANDARD CORP.						
	51666	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS 198.98 GALS. AE-T	48453	06/15/17		06/15/17		232.81
-----										232.81
3258				SENN REPAIRS						
	51667	1	01430 2330	VEHICLE MAINT AND REPAIR 2008 STERLING AIR BLOWER REPAIR	2361	06/15/17		06/15/17		840.47
-----										840.47
2109				TRAFFIC SAFETY STORE, THE						
	51668	1	01433 2450	MATERIALS & SUPPLIES - SIGNS REFLECTIVE ROAD WORK SIGNS	INV000470304	06/15/17		06/15/17		1,561.60
-----										1,561.60
1727				WEAVER MULCH LLC						
	51672	1	01454 3708	BUTTERFLY GARDEN LEAF COMPOST - BUTTERFLY GARDEN	410334	06/15/17		06/15/17		350.00
-----										350.00
2516				WEST CHESTER UNIVERSITY						
	51673	1	01487 4600	TRAINING & SEMINARS-EMPLY 2017 SUMMER SESSION #2 - B. MCCOOL	061317	06/15/17		06/15/17		1,816.80
-----										1,816.80
1983				YALE ELECTRIC SUPPLY CO						
	51674	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS LED FLOOD LIGHTS, FUSES & FUSE HOLDERS	S108091409.001	06/15/17		06/15/17		453.67
-----										453.67



Report Date: 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 8

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
3506				ZEO GROUP, THE						
	51675	1 01452	5150	AMPHITHEATER CONCERTS	OR49006	06/15/17		06/15/17		462.50
				SCREEN PROJECTR 9/22/17 50% DEPOSIT						
										462.50

Report Date: 06/16/17

Expenditures Register  
GL-1706-58629

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
-----										
05		SEWER OPERATING								
6	51582	1	05422 3700	ABC PAPER & CHEMICAL INC R.C. STP-MAINT.& REPAIRS PINE SOL CLEANER & WIPES	081674	06/15/17		06/15/17		72.80
										72.80
3140	51585	1	05422 3701	ACE DISPOSAL CORP R.C. COLLEC.-MAINT.& REPR PORTABLE TOILETS - MAY 2017	118667	06/15/17		06/15/17		300.00
										300.00
40	51586	1	05420 3700	ALLIED CONTROL SERVICES C.C. METERS-MAINT. & REPRS. ON-SITE METER CALIBRATION	310492	06/15/17		06/15/17		891.25
	51587	1	05420 3700	C.C. METERS-MAINT. & REPRS. ON-SITE METER CALIBRATION	310490	06/15/17		06/15/17		455.25
										1,346.50
2918	51590	1	05422 4500	ALS ENVIRONMENTAL R.C. STP-CONTRACTED SERV. LAB TESTING RCSTP 5/18-6/4/17	40-2165551	06/15/17		06/15/17		219.00
										219.00
151	51596	1	05422 4502	BLOENSKI DISPOSAL CO, CHARLES R.C. SLUDGE-LAND CHESTER SWITCH 20 YDS WITH LINER 6/5	15076	06/15/17		06/15/17		181.00
	51597	1	05422 4502	R.C. SLUDGE-LAND CHESTER SWITCH 20 YDS WITH LINER 5/26	15074	06/15/17		06/15/17		181.00
	51597	2	05422 4502	R.C. SLUDGE-LAND CHESTER SWITCH 20 YDS WITH LINER 5/30	15075	06/15/17		06/15/17		181.00
										543.00
241	51601	2	05422 4502	C.C. SOLID WASTE AUTHORITY R.C. SLUDGE-LAND CHESTER WEEK 6/1/17 - 6/7/17	47454	06/15/17		06/15/17		558.78
										558.78
1526	51609	1	05422 2440	CUSTOM ENVIRONMENTAL TECHNOLOGY R.C. STP- CHEMICALS 2290 TOTES ZETA LYTE	4157	06/15/17		06/15/17		4,179.60
										4,179.60

Report Date 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 10

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
1624				L/B WATER SERVICE INC						
51626	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED - QUICK JOINTS	3069620	06/15/17		06/15/17		221.11
51627	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED - COATED STRAPS	3070516	06/15/17		06/15/17		528.38
51628	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED -STAINLESS CLAMPS	3071972	06/15/17		06/15/17		723.26
51629	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED - GASKETS, BOLTS & NUTS	3071115	06/15/17		06/15/17		170.40
51630	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED - CHECK VALVES	3071116	06/15/17		06/15/17		2,653.75
51631	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED -SINGLE BAND FULL CIRCLES	3073233	06/15/17		06/15/17		725.74
<i>CAUSTIC TESTING</i>										5,022.64
765				LENNI ELECTRIC CORPORATION						
51632	1	05422	3700	R.C. STP-MAINT.& REPAIRS NEW CHEMICAL FEED - SBR BUILDING RECEPTACLE	170559	06/15/17		06/15/17		1,387.00
<i>CAUSTIC TESTING</i>										1,387.00
3862				MILLER CONCRETE LLC						
51636	1	05420	3701	C.C. INTERCEPT.-MAINT.&REP MANHOLE ADJUSTMENT RINGS	8663	06/15/17		06/15/17		1,467.50
51636	2	05422	3702	R.C. COLLECTION-MAINT. & REP I&I MANHOLE ADJUSTMENT RINGS	8663	06/15/17		06/15/17		1,467.50
<i>CAUSTIC TESTING</i>										2,935.00
2827				PECO - 04725-43025						
51644	1	05420	3602	C.C. COLLECTION -UTILITIES 04725-43025 5/6-6/7/17 WYLPEN PUMP	060917	06/15/17		06/15/17		525.67
<i>CAUSTIC TESTING</i>										525.67
1031				PECO - 99193-01204						
51645	1	05420	3602	C.C. COLLECTION -UTILITIES 99193-01204 4/26-5/31/17	060717	06/15/17		06/15/17		422.16
51645	2	05420	3600	C.C. METERS - UTILITIES 99193-01204 4/26-5/31/17	060717	06/15/17		06/15/17		9.54
51645	3	05422	3601	R.C. COLLEC.-UTILITIES 99193-01204 4/26-5/31/17	060717	06/15/17		06/15/17		137.26
51645	4	05422	3600	R.C STP -UTILITIES 99193-01204 4/26-5/31/17	060717	06/15/17		06/15/17		9,663.08

Report Date 06/16/17

Expenditures Register  
GL-1706-58629

MARF05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
-----										10,232.04
1395				USA BLUE BOOK						
	51669	1	05422 3700	R.C. STP-MAINT.& REPAIRS	268176	06/15/17		06/15/17		311.46
				STOPCOCK, DIGITAL TIMER & PLANT LOG						
				BOOK						
	51670	1	05422 3700	R.C. STP-MAINT.& REPAIRS	272891	06/15/17		06/15/17		244.53
				LAB THERMOMETER & 7 DAY CIRCULAR						
				CHART						
-----										555.99
2439				VERIZON -7041						
	51671	1	05422 3601	R.C. COLLEC.-UTILITIES	060717-7041	06/15/17		06/15/17		202.81
				JUNE 7 - JULY 6,2017						
-----										202.81

Report Date 06/16/17

Expenditures Register  
GL-1706-58629

PAGE 12

MARP05 run by BARBARA 8 : 50 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06				REFUSE						
241				C.C. SOLID WASTE AUTHORITY						
	51601	1	06427 4502	LANDFILL FEES	47454	06/15/17		06/15/17		6,987.37
				WEEK 6/1/17 - 6/7/17						
										6,987.37

Report Date 06/16/17

Expenditures Register  
GL-1706-58631

PAGE 13

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
09		Sewer Capital Reserve Fund								
3134				AQUA-AEROBIC SYSTEMS INC.						
	51588	1	09409 7400	MACHINERY/EQUIPMENT - REPLACEMENT REPLACEMENT VALVE	1011224RA	06/15/17		06/15/17		1,248.75
	51589	1	09409 7400	MACHINERY/EQUIPMENT - REPLACEMENT REPLACEMENT VALVES	1011190	06/15/17		06/15/17		4,053.25
										5,302.00
550				XYLEM DEWATERING SOLUTIONS INC.						
	51678	1	09409 7450	MACHINERY/EQUIPMENT - NEW PUMP WITH TRAILER	400707217-2	06/16/17		06/16/17		51,270.67
										51,270.67
										129,252.02
0 Printed, totaling										129,252.02

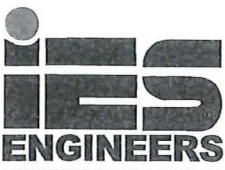
*8" TRAILER MOUNTED PUMP*

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	37,611.15	GENERAL FUND
05	05	28,080.83	SEWER OPERATING
06	06	6,987.37	REFUSE
09	09	56,572.67	Sewer Capital Reserve Fund
		129,252.02	

PERIOD SUMMARY

Period	Amount
1706	129,252.02
	129,252.02



May 16, 2017

CERTIFIED MAIL; RETURN RECEIPT REQUESTED

Certified No.: 7015 0640 0007 7223 4774

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



Subject: DePuy Synthes  
Operating Permit Application  
West Chester, Pennsylvania  
IES Project No. EV170242.01

Dear Mr. Smith:

On behalf of DePuy Synthes, IES Engineers (IES) hereby provides notice that on or about May 19, 2017, DePuy Synthes will be submitting an operating permit application to the Pennsylvania Department of Environmental Protection (Department). The application is for the DePuy facility at 1303 Goshen Parkway in West Chester, and is being filed in accordance with Chapter 127 of Pennsylvania's air resources regulations. A copy of the General Information Form describing the application is enclosed for your review.

Pursuant to Section 1905-A of the Administrative Code of 1929 (71 P.S. §510-5) and 25 Pa. Code §127.413, DePuy Synthes is required to provide the municipalities with formal notice of this application. The Department allows for a 30-day comment period from the date of receipt of this notice. The application may be reviewed at the Department's Southeast Regional Office located at 2 East Main Street, Norristown, Pennsylvania 19401. Comments on this application may be submitted to the Department's Air Quality Program Manager at that address. If you have no comments, you may submit a written statement to the Department expressly waiving the 30-day comment period.

EQUIPMENT IS EXISTING AND IT HAS BEEN  
INSPECTED BY PA DEP.  
RS.

Very truly yours,

Robert W. Schlosser, P. E.  
Principal Project Manager



Enclosure

cc: M. Biersack, DePuy Synthes


**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.

<b>Related ID#s (If Known)</b> Client ID# <u>247139</u> APS ID# _____ Site ID# <u>776080</u> Auth ID# <u>1101642</u> Facility ID# _____		<b>DEP USE ONLY</b> Date Received & General Notes
--	--	--

**CLIENT INFORMATION**

DEP Client ID#	Client Type / Code			
247139	PACOR			
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#		
DePuy Synthes	26-3253065			
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1	Mailing Address Line 2			
1302 Wrights Lane East				
Address Last Line – City	State	ZIP+4	Country	
West Chester	PA	19380	USA	
Client Contact Last Name	First Name	MI	Suffix	
Biersack	Mary			
Client Contact Title	Phone		Ext	
Environmental Specialist	484-356-9677			
Email Address	FAX			
mbiersac@its.jnj.com				

**SITE INFORMATION**

DEP Site ID#	Site Name					
776080	DePuy Synthes					
EPA ID#	Estimated Number of Employees to be Present at Site			300		
Description of Site	Medical Instruments and Supplies Manufacturing Facility					
County Name	Municipality	City	Boro	Twp	State	
Chester	East Goshen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
County Name	Municipality	City	Boro	Twp	State	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Site Location Line 1	Site Location Line 2					
1303 Goshen Parkway						
Site Location Last Line – City	State	ZIP+4				
West Chester	PA	19380				
Detailed Written Directions to Site	<ol style="list-style-type: none"> <li>1. Take E Main Street to US-202 S/William F. Dannehower Bridge.</li> <li>2. Follow US-202 S to E. Boot Rd in West Goshen Township. Take the Boot Rd. exit from US-202 S.</li> <li>3. Continue on E. Boot Rd. Take Wilson Dr. and Airport Rd. to Goshen Pkwy. in East Goshen Township.</li> </ol>					
Site Contact Last Name	First Name	MI	Suffix			
Biersack	Mary					
Site Contact Title	Site Contact Firm					
Environmental Specialist	DePuy Synthes					
Mailing Address Line 1	Mailing Address Line 2					
1302 Wrights Lane East						



<b>Mailing Address Last Line – City</b> West Chester			<b>State</b> PA	<b>ZIP+4</b> 19380
<b>Phone</b> 484-356-9677	<b>Ext</b>	<b>FAX</b>	<b>Email Address</b> mbiersac@its.jnj.com	
<b>NAICS Codes (Two- &amp; Three-Digit Codes – List All That Apply)</b> 339			<b>6-Digit Code (Optional)</b> 339113	
<b>Client to Site Relationship</b> OWNOP				

**FACILITY INFORMATION**

<b>Modification of Existing Facility</b>		<b>Yes</b>	<b>No</b>
1.	<b>Will this project modify an existing facility, system, or activity?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	<b>Will this project involve an addition to an existing facility, system, or activity?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>If "Yes", check all relevant facility types and provide DEP facility identification numbers below.</i>			

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 type="checkbox"/> Oil & Gas Location	_____
<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
	39	59	30.96	75	34	26.27

<b>Horizontal Accuracy Measure</b>	Feet	--or--	Meters
<b>Horizontal Reference Datum Code</b>	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input checked="" type="checkbox"/> World Geodetic System of 1984		
<b>Horizontal Collection Method Code</b>	GPSDF		
<b>Reference Point Code</b>	ENTGN		
<b>Altitude</b>	Feet 447	--or--	Meters
<b>Altitude Datum Name</b>	<input checked="" type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)		
<b>Altitude (Vertical) Location Datum Collection Method Code</b>	TOPO		
<b>Geometric Type Code</b>	POINT		
<b>Data Collection Date</b>	1966 (Modified 2001)		
<b>Source Map Scale Number</b>	1	Inch(es)	= 2,000 Feet
	--or--	Centimeter(s)	= Meters

**PROJECT INFORMATION**

<b>Project Name</b> Operating Permit Application			
<b>Project Description</b> Initial operating permit application to incorporate Plan Approval No. 15-0154.			
<b>Project Consultant Last Name</b> Schlosser	<b>First Name</b> Robert	<b>MI</b> W	<b>Suffix</b>
<b>Project Consultant Title</b> Principal Project Manager		<b>Consulting Firm</b> IES Engineers	
<b>Mailing Address Line 1</b> 1720 Walton Road		<b>Mailing Address Line 2</b>	

<b>Address Last Line – City</b> Blue Bell		<b>State</b> PA	<b>ZIP+4</b> 19422
<b>Phone</b> 610-828-3078	<b>Ext</b>	<b>FAX</b> 610-828-7842	<b>Email Address</b> rschlosser@iesengineers.com
<b>Time Schedules</b>	<b>Project Milestone (Optional)</b>		

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?**  Yes  No  
 If zoning approval has been received, attach documentation.

---

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

<b>COORDINATION INFORMATION</b>			
---------------------------------	--	--	--

**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 checked="" 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 checked="" 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	<input type="checkbox"/>	Yes	<input checked="" 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 type="checkbox"/>	Yes	<input checked="" 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 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 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 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 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. No changes to permitted emissions.				
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				
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. <b>Note:</b> 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. <b>Note:</b> 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 Robert W. Schlosser

Robert W. Schlosser  
 Signature AP

Principal Project Manager

Title

5-16-17

Date

June 1, 2017

EGOS0619  
East Goshen Planning Commission  
1580 Paoli Pike  
West Chester, PA 19380

**RE: ACT 14, 67, 68, AND 127 NOTIFICATIONS  
ELLIS LANE BRIDGE, CHESTER COUNTY, PENNSYLVANIA  
EAST GOSHEN TOWNSHIP, CHESTER COUNTY, PA**



Dear Planning Commission Members:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the following application: General Permit No. 11-Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments.

**Project Name:** Ellis Lane Bridge

**Project Description:** The applicant proposes the removal of sediment and installation of scour protection for the bridge located at Ellis Lane. The work was mandated because of a routine bridge inspection performed for PENNDOT.

**Applicant Name:** East Goshen Township

**Applicant Contact:** Rick Smith, Township Manager

**Site Location:** Ellis Lane

**Municipality/County:** East Goshen, Chester County

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipality(ies) and the county(ies) in which the permitted activity is located. The written notice shall be received by the municipality(ies) and the county(ies) at least 30 days before the Department may issue or deny the permit.

"Acts 67 and 68, which amended the Municipalities Planning Code to support sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. Enclosed is a General Information Form (GIF) we have completed for this project; please be specific to DEP when identifying any areas of conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process."

Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Waterways and Wetland Program at Southeast Regional Office, 2 East Main Street, Norristown, PA 19401.

For more information about this land use review process, please visit [www.dep.pa.gov](http://www.dep.pa.gov), (keyword: Land Review).

Sincerely,  
**PENNONI ASSOCIATES INC.**



Nathan M. Cline, PE  
Township Engineer

cc: Rick Smith, East Goshen Township Manager

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

FYI

June 5, 2017

Ms. Charlene Hrybenko  
210 Baldwin Drive  
West Chester PA 19380

Re: Temporary Noise Permit  
53-6A-31

Dear Ms. Hrybenko:

I have received your request for a permit to allow amplified music to be played on your property for your wedding reception on July 1, 2017 from 2 PM to 8 PM. Your permit request has been approved and this letter shall constitute your Temporary Permit to produce music in excess of the allowable noise levels outlined in the Township Ordinance. Your DJ may play amplified music on your property on July 1, 2017 from 2 PM to 8 PM pursuant to the following conditions:

1. Instruct your DJ to keep the volume to a reasonable level considering the proximity of the neighboring residences.
2. All music shall cease on or before 10 PM.

Thank you for your cooperation and informing the Township of this event in advance. I've included a copy of the Noise ordinance for your information and use. Please contact me if you have any further questions regarding this matter.

Sincerely,



Mark A. Gordon  
Township Zoning Officer

CC: Board of Supervisors  
Lt. Leahy, Westtown East Goshen Police Department (via Email)



Township of East Goshen, PA  
Monday, June 5, 2017

## Chapter 156. Noise

### § 156-5. Noise disturbances prohibited.

No person shall unreasonably make, continue or cause to be made or continued any noise disturbance.

- A. Specific prohibitions. By way of example, but not by way of limitation, the following acts and the causing thereof are declared to be in violation of this chapter.
- (1) Radios, television sets, musical instruments and similar devices operating, playing or permitting the operation or playing of any radio, television, phonograph, drum, musical instrument, sound amplifier or similar device which produces, reproduces or amplifies sound:
    - (a) Between the hours of 10:00 p.m. and 8:00 a.m. the following day in such a manner as to create a noise disturbance across a real property boundary or within a noise sensitive zone (except for activities open to the public and for which a permit has been issued by the NCO according to criteria set forth in § 156-6);
    - (b) In such a manner as to create a noise disturbance at 50 feet from such device, when operated in or on a motor vehicle on a public right-of-way or public space, or in a boat on public waters; or
    - (c) In such a manner as to create a noise disturbance to any person other than the operator of the device, when operated by any passenger on a common carrier.
    - (d) This section shall not apply to noncommercial spoken language covered under Subsection A(2).
  - (2) Loudspeakers/public address systems. Using or operating for any commercial or noncommercial purpose any loudspeaker, public address system or similar device between the hours of 10:00 p.m. and 8:00 a.m. the following day such that the sound therefrom creates a noise disturbance across a real property boundary, within a noise sensitive zone or on a public right-of-way or public space.
  - (3) Street sales. Offering for sale or selling anything by shouting or outcry except by permit issued by the NCO according to criteria set forth in § 156-7.
  - (4) Animals and birds. Owning, possessing or harboring any animal or bird which frequently or for continued duration howls, barks, meows, squawks or makes other sounds which create a noise disturbance across a residential real property boundary or within a noise sensitive zone.
  - (5) Loading and unloading. Loading, unloading, opening, closing or other handling of boxes, crates, containers, building materials, garbage cans, trash dumpsters or similar objects between the hours of 10:00 p.m. and 7:00 a.m. the following day in such a manner as to cause a noise disturbance across a residential real property boundary, or within a noise sensitive zone, except for the township-approved municipal waste and recycling contractor.  
[Amended 4-20-1999 by Ord. No. 129-B-99]
  - (6) Construction/demolition. Operating or permitting the operation of any tools or equipment used in construction, drilling or demolition work:
    - (a) Between the hours of 10:00 p.m. and 7:00 a.m. prevailing time the following day such that the sound therefrom creates a noise disturbance across a residential real property boundary or within a noise sensitive zone, except for emergency work of public service utilities or by special permit issued pursuant to § 156-7.  
[Amended 4-20-1999 by Ord. No. 129-B-99]
    - (b) At any other time such that the sound level at or across a real property boundary exceeds an LEQ of 60 dBA for the daily period of operation.
    - (c) This section shall not apply to the use of domestic power tools subject to Subsection A(15).
  - (7) Vehicle or motorboat repairs and testing. Repairing, rebuilding, modifying or testing any motor vehicle, motorcycle or motorboat in

such a manner as to cause a noise disturbance across a residential real property boundary or within a noise sensitive zone.

- (8) Motor vehicle idling. Idling of motor vehicles (in such a manner as to cause a noise disturbance across a residential real property boundary or within a noise sensitive zone) at any time in excess of 10 minutes in a two-hour period.
- (9) Airport and aircraft operations.
  - (a) The NCO shall consult with the airport proprietor to recommend changes in airport operations to minimize any noise disturbance which the airport owner may have authority to control in its capacity as proprietor.
  - (b) Nothing in this section shall be construed to prohibit, restrict, penalize, enjoin or in any manner regulate the movement of aircraft which are in all respects conducted in accordance with, or pursuant to, applicable federal laws or regulations.
- (10) Places of public entertainment. Operating, playing or permitting the operation or playing of any radio, television, phonograph, drum, musical instrument, sound amplifier or similar device which produces, reproduces or amplifies sound in any place of public entertainment at a sound level greater than 90 dBA as read by the slow response on a sound level meter at any point that is normally occupied by a customer, unless a conspicuous and legible sign is located outside such place, near each public entrance, stating WARNING: SOUND LEVELS WITHIN MAY CAUSE PERMANENT HEARING IMPAIRMENT.
- (11) Powered model vehicles. Operating or permitting the operation of powered model vehicles so as to create a noise disturbance across a residential real property boundary, in a public space or within a noise sensitive zone between the hours of 10:00 p.m. and 8:00 a.m. the following day. Maximum sound levels in a public space during the permitted period of operation shall conform to those set forth for residential land use in Table I of Subsection B and shall be measured at a distance of 50 feet from any point on the path of the vehicle.
- (12) Stationary nonemergency signaling devices.
  - (a) Sounding or permitting the sounding of any signal from any stationary bell, chime, siren, whistle or similar device, intended for nonemergency purposes which do not conform to the regulations set forth for residential land use in Table I of Subsection B.
  - (b) Devices used in conjunction with places of religious worship shall be exempt from this provision.
- (13) Emergency signaling devices.
  - (a) The intentional sounding or permitting the sounding outdoors of any fire, burglar or civil defense alarm, siren, whistle or similar stationary emergency signaling device, except for emergency purposes or for testing, as provided in Subsection A(13)(b).
  - (b) Testing.
    - [1] Testing of a stationary emergency signaling device and equipment shall occur at the same time of day each time such a test is performed, but not before 8:00 a.m. or after 10:00 p.m. Any such testing shall use only the minimum cycle test time. In no case shall such test time of a signaling device exceed 30 seconds.
    - [2] Testing of the complete emergency signaling system, including the functioning of the signaling device and the personnel response to the signaling device, shall not occur more than once in each calendar month. Such testing shall not occur before 8:00 a.m. or after 10:00 p.m. The time limit specified in Subsection A(13)(b)[1] shall not apply to such complete system testing.
  - (c) All outdoor burglar alarms, sirens, whistles or similar stationary emergency signaling devices (with the exception of civil defense and fire alarms subject to applicable state regulations) must have an automatic shutoff switch limiting a maximum operational time of 10 minutes.
- (14) Noise sensitive zones. Creating or causing the creation of any sound within any noise sensitive zone designated pursuant to § 156-4B(9), so as to disrupt the activities normally conducted within the zone, provided that conspicuous signs are displayed indicating the presence of the zone.
- (15) Domestic power tools. Operating or permitting the operation of any mechanically powered saw, sander, drill, grinder, lawn mower, garden tool or similar device used outdoors in residential areas between the hours of 10:00 p.m. and 7:00 a.m. the following day so as to cause a noise disturbance across a residential real property boundary. Exception: public and/or private golf courses can commence mowing operations at 6:00 a.m. prevailing time, provided that their mowing equipment utilizes the latest available technology in sound reduction.  
[Amended 4-20-1999 by Ord. No. 129-B-99]
- (16) Tampering. The following acts or the causing thereof are prohibited:

- (a) The removal or rendering inoperative by any person other than for purposes of maintenance, repair or replacement of any noise control device. The NCO may, by regulation, list those acts which constitute violation of this provision.
  - (b) The (intentional) moving or rendering inaccurate or inoperative of any sound monitoring instrument or device positioned by or for the NCO, provided that such device or the immediate area is clearly labeled.
- B. Maximum permissible sound levels by receiving land use. No person shall operate or cause to be operated on private property any source of sound in such a manner as to create a sound level which exceeds the limits set forth for the receiving land use category in Table I when measured at or within the property boundary of the receiving land use. All references in the following table are to prevailing time.  
 [Amended 4-20-1999 by Ord. No. 129-B-99]

**Table I Continuous Sound Levels by Receiving Land Use**

Receiving Land Use Category	Time	Sound Level Limit (dBA)
Residential zones, public space, open space	Day 7:00 a.m. -10:00 p.m.	60
	Night 10:00 p.m. -7:00 a.m.	50
Commercial zones	Day 7:00 a.m. -10:00 p.m.	65
	Night 10:00 p.m. -7:00 a.m.	60
Industrial zones	At all times	70

(NOTE: Nonconforming uses as defined by Chapter 240, Zoning, shall apply to the zoning district in which they are located.)

- C. Correction for character of sound. For any source of sound which emits a pure tone, the maximum sound level limits set forth in the above Table I of Subsection B shall be reduced by 5 dBA. For any source of sound which emits an impulsive sound, the excursions of sound pressure level shall not exceed 20 dBA over the maximum sound level limits set forth in Table I of Subsection B, provided that in no case shall they exceed 80 dBA, regardless of time of day or night or receiving land use, using the fast meter characteristic of a Type II meter, meeting the American National Standard Institute specifications SL.4-1971.