

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

Tuesday, March 7, 2017  
7:00 PM

The Board will meet in Executive Session from 6:00 PM to 7:00 PM for a legal matter.

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 that the Board met in executive session prior to tonight’s meeting for a legal matter
  - b. Announce that the Board is setting up a meeting with Sunoco. Date and Time: TBD
  - c. Comments from Carolyn Comitta, State Representative for the 156<sup>th</sup> District
6. Public Hearing - None
7. Emergency Services Reports
  - WEGO – none
  - Goshen Fire Co – January 2017
  - Malvern Fire Co – none
  - Fire Marshal – none
8. Financial Report – none
9. Old Business - none
10. New Business
  - a. Consider approval of Subdivision for 1420 E. Strasburg Road
  - b. Consider proposal to collect Red-Bellied Turtles at the Milltown Reservoir
  - c. Consider proposal for to provide assistance for Dam grants
  - d. Consider MVRs for WEGO
  - e. Consider 2016 Deer Management Report
11. Any Other Matter
12. Approval of Minutes
  - a. February 21, 2017
13. Treasurer’s Report – March 2, 2017
14. Liaison Reports
15. Correspondence, Reports of Interest
  - a. Sunoco Station - 2016 4<sup>th</sup> Quarter Progress Report
  - b. Act 14 Notice for the Brakman at 1420 East Strasburg Road
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

Mar 07, 2017	Board of Supervisors	7:00pm
Mar 08, 2017	Conservancy Board	7:00pm
Mar 09, 2017	Paoli Pike Corridor Master Plan	7:00pm
Mar 13, 2017	Municipal Authority	7:00pm
Mar 21, 2017	Board of Supervisors	7:00pm
Mar 22, 2017	Futurist Committee	7:00pm
Mar 22, 2017	Milltown Dam Committee	6:30pm
Mar 23, 2017	Hershey's Mill Dam Committee	7:00pm

Newsletter Deadlines for Summer of 2017: May 1st



# Memorandum

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

Voice: 610-692-7171  
Fax: 610-692-8950  
E-mail: [mgordon@eastgoshen.org](mailto:mgordon@eastgoshen.org)

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**Date:** 3/1/2017  
**To:** Board of supervisors  
**From:** Mark Gordon, Zoning Officer *mlg*  
**Re:** 1420 E. Strasburg Rd.

Dear Board Members,

Gunnison Development has submitted a Subdivision and Land Development application to subdivide 1420 E. Strasburg Rd. The property is a 4.685 ac lot in the R-2 district with one existing single family home. The applicant proposes to subdivide the parcel into three lots, build two new single family homes and keep the existing home. All three lots will be served by public water, public sewer and a private driveway.

The applicant has addressed the engineer's comments with the exception of a few minor engineering details for the sanitary sewer connections. The applicant has agreed to a condition to address all the final comments to the satisfaction of the Township staff prior to releasing the plans for recordation.

At their meeting on March 1, 2017 the PC unanimously passed a motion recommending the Board approve the plans and grant the requested waiver for Preliminary / Final Subdivision and Land Development approval.

**STAFF RECOMMENDATION:**

At this time, due to the minor nature of the final review comments and the applicants willingness to address them to the satisfaction of the Township prior to recording the plans; staff recommends that the Board taking action on this plan this evening.

**DRAFT MOTION:**

Mr. Chairman, I move that we grant the requested waiver and approve the Preliminary/Final Subdivision and Land Development Plan for 1420 E. Strasburg Rd. subdividing the lot into three single family residential lots as depicted on the plans dated May, 17, 2016 and last revised on 2/20/2017 with the following conditions:

1. The Applicant shall address all remaining comments outlined in Pennoni Review letter dated February 28, 2017 to the satisfaction of the Township engineer and staff prior to releasing the plans for recording.
2. The applicant will follow all applicable federal, State and Local laws and secure all proper permits prior to construction of the improvements depicted on the plans.

3. Execution of the Development and Financial Security Agreements prior to the plans being released for recording. The amount of such security shall be based upon construction cost estimates for the site improvements including landscaping, to be provided by the applicant, which will be reviewed and approved by the Township engineer.
4. Execution and recording of the Township storm water management Operation and Maintenance agreements, driveway easement and maintenance agreement in accordance with Township practice, and subject to review and approval by the Township solicitor.
5. The applicant shall pay the traffic Impact fees of \$792.50 for the project, prior to the issuance of building permits for the new single family homes. This project will add two peak hour vehicle trips, 1 trip for each new lot.  $2 \times \$396.25 = \$792.50$ .
6. The applicant shall prepare and record a grinder pump agreement for lot 3 in accordance with Township practice.
7. The applicant shall secure a PennDOT Highway Occupancy Permit and construct the improvements required by the permit prior to the issuance of building permits for the proposed single family homes.

**EAST GOSHEN TOWNSHIP  
PLANNING COMMISSION**

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

March 2, 2017

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

Re: Subdivision/Land Development Application / 1420 E. Strasburg Rd. / TPN 53-6-89

Dear Board Members:

At their meeting on March 1, 2017 the Planning Commission voted unanimously in favor of the following motion:

Mr. Chairman, I move that we recommend that the Board of Supervisors approve the waiver request and the Preliminary / Final Subdivision and Land Development Plan for 1420 E. Strasburg Rd., subdividing the lot into three single family residential lots as depicted on the plan dated May, 17, 2016 and last revised on 2/20/2017 with the following conditions:

1. The Applicant shall address all remaining comments outlined in Pennoni Review letter dated February 28, 2017 to the satisfaction of the Township engineer prior to final approval by the Board of Supervisors.
2. The applicant will follow all applicable federal, State and Local laws and secure all proper permits prior to construction of the improvements depicted on the plans.
3. Execution of a Development and Financial Security Agreement prior to the plans being released for recording. The amount of such security shall be based upon construction cost estimates for the site improvements including landscaping, to be provided by the applicant, which will be reviewed and approved by the Township engineer.
4. Execution and recording of the Township storm water management Operation and Maintenance agreements, driveway easement and maintenance agreement in accordance with Township practice.
5. The applicant shall pay the traffic Impact fees of \$792.50 for the project, prior to the issuance of building permits for the new single family homes. This project will add two peak hour vehicle trips, 1 trip for each new lot.  $2 \times \$396.25 = \$792.50$ .
6. The applicant shall prepare and record a grinder pump agreement for lot 3 in accordance with Township practice.
7. The applicant shall secure a PennDOT Highway Occupancy Permit and construct the improvements required by the permit prior to the issuance of building permits for the proposed single family homes.

Sincerely,



Mark A. Gordon  
Township Zoning Officer

Cc: Nate Cline, P.E. Township Engineer (via email only)  
Jim Brandolini (via email only)  
Thomas Tran, P.E. (via email only)



One South Church Street  
Second Floor  
West Chester, PA 19382  
T: 610-429-8907  
F: 610-429-8918

www.pennoni.com

February 28, 2017

EGOS 0118

Mark A. Gordon  
Director of Code Enforcement/Zoning Officer  
East Goshen Township  
1580 Paoli Pike  
West Chester, PA 19380

**RE: 1420 E. Strasburg Road, Brakman Property  
Preliminary/Final Subdivision and Land Development – 4<sup>th</sup> Submission**

Dear Mark:

As requested, we have reviewed the following information, prepared by Commonwealth Engineers, Inc., regarding the referenced submission:

- *“Subdivision and Land Development Plan for Brakman Property”* (ten sheets) dated May 17, 2016, last revised February 20, 2017;
- *“Post-Construction Stormwater Management Plan Narrative prepared for Brakman Property”* dated May 17, 2016, last revised October 24, 2016;
- *“Landscape Design for Brackman Property” prepared by Earth Care Incorporated dated February 3, 2017; and*
- Subdivision and Land Development application and supporting documents.

The owner, Antoinette Brakman, proposes to subdivide UPI No. 53-6-89 (5.079 acres) into three residential lots; new single family dwellings are proposed for both Lot 2 (1.243 acre) and Lot 3 (2.086 acre). There is an existing dwelling on Lot 1 that will remain. All lots will be served by on-site water and public sanitary sewer. The parcel is located on the south side of E. Strasburg Road (SR 2010), 400± feet east of its intersection with Lochwood Lane, within the R-2 Low Density Residential zoning district. A shared driveway will provide access to all three lots.

The applicant has requested the following waiver:

1. From §205.1 requiring a preliminary plan submission.

The following comments from our January 26, 2017 review letter remain outstanding (new comments in *italics*):

SANITARY SEWER

1. We recommend the inclusion of an additional detail showing the connection of the LPSS lines to the new manhole. Detail and notes should include, at minimum:
  - a. LPSS discharge pipes to enter connecting manhole at bottom of manhole.
  - b. Details on discharge piping into flow channel within manhole.

- c. That manhole wall openings should be precast with A-lok gaskets.

The sewage system has been redesigned to no longer discharge the force main into this manhole. However, a detail should be included that shows the connection/orientation of the three 4-inch PVC gravity lines into the new manhole with flow channel(s).

*Cleanouts are required on each lateral at the right of way line prior to this manhole allowing the Township to take responsibility of the sewer laterals beginning at the cleanouts. No bends should occur in the lateral lines between the cleanouts and their entry into the manhole. (§188-31.C.(3)(a)). The entire manhole must be prefabricated, including pipe penetrations, channels, liner, and A-Lok type gaskets or approved equal. The Applicant should confirm that the manhole can be fabricated with two of the proposed pipe penetrations not being perpendicular to the manhole wall.*

2. The sewer system design has been revised to eliminate grinder pumps from Lots 1 and 2 in favor of gravity sewer systems. Lot 3 retains the grinder pump and now has a proposed pressure sewer for approximately 150 feet whereupon it transitions to a 4-inch PVC gravity sewer at a cleanout. An additional manhole has been proposed on the subject property, and directional drilling is proposed for the new main to connect to the existing manhole on the Kaplan property. Comments on the redesign follow:

- a. When sewer lines are designed with a grade in excess of 20%, steep slope anchors shall be installed. (§205-71.B.(4)(d)[3]) One section of the gravity sewer laterals, from approximately 1+65 to 1+90 on the Sheet 10 profile, has a slope of approximately 40%. Steep slope anchors need to be included in the design for this stretch of piping with details added to the plans.

*An additional dimension should be added to show the width of the anchor as 12-inch minimum on the left profile detail.*

- b. A transition coupling detail should be added for the Lot 3 pipe transition from pressure to gravity sewer.

*The proposed flexible coupling detail is insufficient. A solid wall transition coupling/bushing is required for this transition. (§188-31.B.(5))*

### GENERAL

3. Please additionally note the status of the following reviews/permits:
  - a. NPDES Permit (PaDEP/CCCD) (§195-15.C(2), -16.A, -17.A) – Correspondence has not yet been received.
  - b. Planning Module (PaDEP) (§240-24.F, §205-33.B(22)(a)) – Exemption approval letter dated 12/17/16.
  - c. Sanitary Sewer (Municipal Authority) – Correspondence has not yet been received.
  - d. Water (Aqua) – Will Serve letter dated May 2, 2016.
  - e. Highway Occupancy Permit (PennDOT) – Correspondence has not yet been received.
  - f. Fire Planning (Fire Marshal) – Not applicable.
  - g. Historic Resource (Historical Comm.) – Not applicable.
  - h. Landscaping (Conservancy Board) – *Approval recommended February 9, 2017 email.*
  - i. *Chester County Conservation District – Approval granted February 27, 2017 letter.*



The existing deed for the parcel, proposed draft legal descriptions for Lots 1, 2 and 3, and all other easements associated with the property (driveway, utility, sewer, etc.) and the Kaplan property should be provided to the Township. All legal descriptions, easements and agreements are subject to review and approval by the Township Solicitor.

The applicant is reminded that a stormwater O&M agreement as well as a Grinder Pump Station O&M agreement shall be executed with the Township prior to plan recording.

Should you have any further questions or comments, please contact the undersigned.

Sincerely,

**PENNONI**



Nathan M. Cline, PE  
Township Engineer

cc: Rick Smith, Township Manager (via e-mail)  
Gunnison Development Co., LLC (via e-mail)  
Thomas Tran, P.E., Commonwealth Engineers, Inc. (via e-mail)  
Mike Ellis, PE (via e-mail)

# EAST GOSHEN CONSERVANCY

February 9, 2017

East Goshen Township  
Planning Commission  
1580 Paoli Pike  
West Chester, Pa. 19380

Re: 1420 E. Strasburg Rd. / SD/LD Application  
Landscaping

Dear Commission Members:

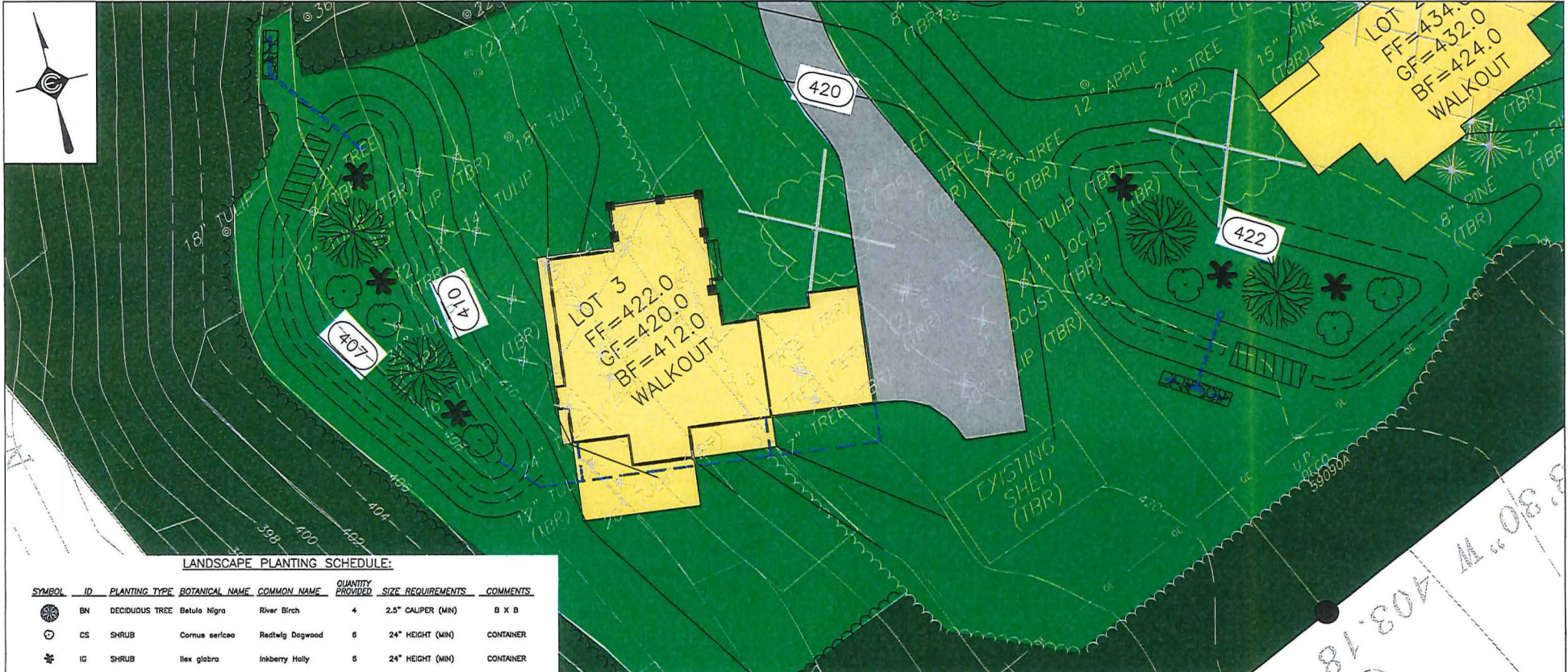
At their meeting on February 8, 2017 the Conservancy Board voted unanimously in favor of the following motion:

Madam Chairman, I move that we recommend that the Planning Commission recommend approval of the SD and LD Plan for 1420 E. Strasburg Rd.

Sincerely,



Mark A. Gordon  
Zoning Officer



**LANDSCAPE PLANTING SCHEDULE:**

SYMBOL	ID	PLANTING TYPE	BOTANICAL NAME	COMMON NAME	QUANTITY PROVIDED	SIZE REQUIREMENTS	COMMENTS
BN		DECIDUOUS TREE	Betula Nigra	River Birch	4	2.5" CALIPER (MIN)	B X B
CS		SHRUB	Cornus sericea	Redtwig Dogwood	6	24" HEIGHT (MIN)	CONTAINER
IG		SHRUB	Ilex glabra	Inkberry Holly	6	24" HEIGHT (MIN)	CONTAINER

**RAIN GARDEN SEED MIXTURE:**

SPECIES NAME	COMMON NAME	PERCENT WEIGHT
Chloranthum latifolium (Uniola latifolia)	RIVER OATS, PA/VA ECOTYPE BLEND	46%
PA/VA Ecotype Blend		
Carex vulpinoidea, PA Ecotype	FOX SEDGE, PA ECOTYPE	23%
Elymus virginicus, PA Ecotype	VIRGINIA WILDMITE, PA ECOTYPE	20%
Agrostis perennans, PA Ecotype	AUTUMN SENTINELS, PA ECOTYPE	4%
Carex scoparia, PA Ecotype	BLUNT BROOM SEDGE, PA ECOTYPE	3%
Juncus effusus	SOFT RUSH	1%
Juncus tenuis, PA Ecotype	PATH RUSH, PA ECOTYPE	1%

SEED MIX APPLICATION RATE: 15 LBS/ACRE WITH A COVER CROP OF GRAIN RYE AT 30 LBS/ACRE

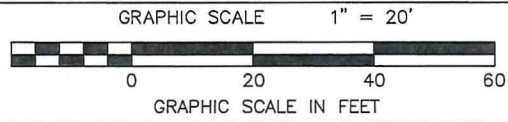
SEED MIX AVAILABILITY: ERNST CONSERVATION SEEDS  
 8884 MERGER PIKE  
 MEADVILLE, PA 16335  
 PHONE: (800) 873-3321  
 FAX: (814) 336-2403  
 PRODUCT No.: ERMIX-180-1

Notice:  
 The design shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited in whole or in part without express written permission of Commonwealth Engineers, Inc. It is the Contractors responsibility to verify all dimensions shown on the drawings. These drawings are NOT to be scaled. Any errors or omissions based on the drawings shall be reported immediately to Commonwealth Engineers, Inc.

**RAIN GARDEN LANDSCAPE PLAN**  
 FOR  
**BRAKMAN PROPERTY**

EAST GOSHEN TOWNSHIP

CHESTER COUNTY, PA

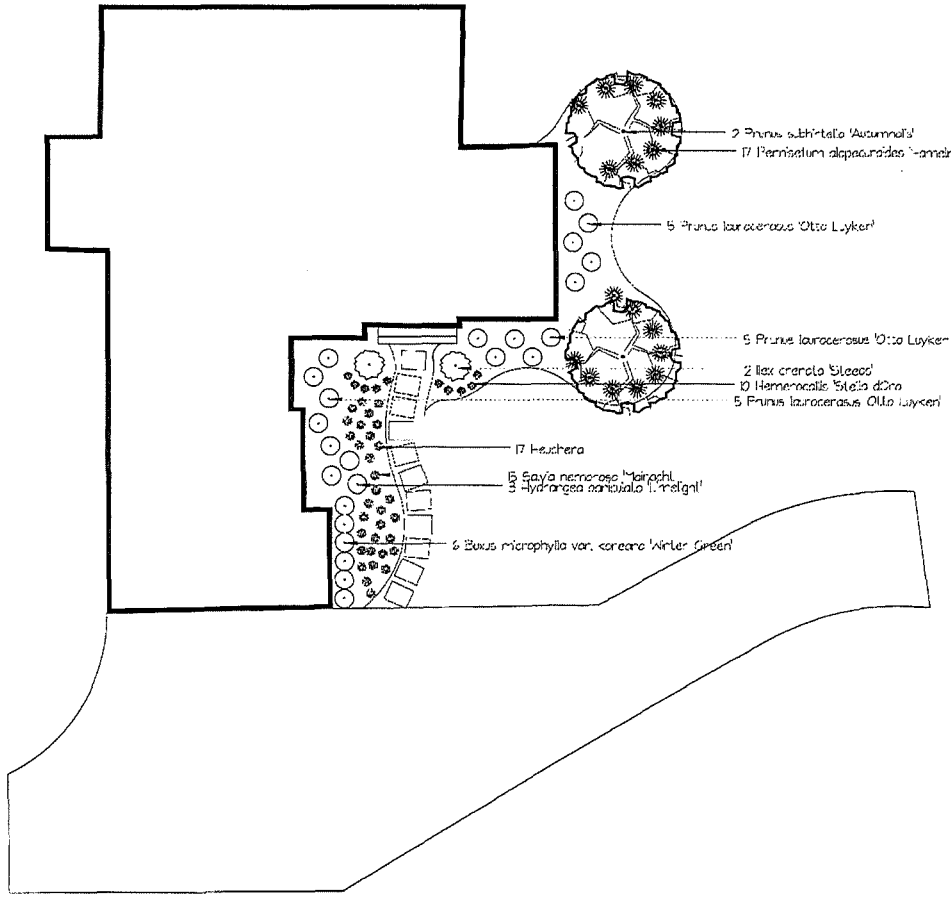


**COMMONWEALTH ENGINEERS, INC.**  
 114 EAST LANCASTER AVENUE ~ SECOND FLOOR  
 DOWNINGTOWN, PA 19335  
 TELEPHONE: (610) 518-9003 ~ FAX: (610) 518-9004  
 COMENG@CEI-1.COM

DATE:	MAY 17, 2016
SCALE:	1"=40'
SURVEY:	MBS
DRAWN:	TT
CHECKED:	VK
DRAWING NO.:	201541-(C)

SHEET:  
**1**

Qty	Common Name	Size/Condition
Trees		
2	AUTUMNALIS ROSEBUD CHERRY	2-2.5" cal.
Shrubs		
3	LIMELIGHT HYDRANGEA	24-30"
15	OTTO LUYKEN	24-30"
2	STEEDS BOX LEAVED HOLLY	3-4'
6	WINTER GREEN BOXWOOD	18-24"
Ornamental Grasses		
17	HAMELN FOUNTAIN GRASS	3 gallon
Perennials and Annuals		
17	CORAL BELLS	1 gallon
15	MAY NIGHT SALVIA	1 gallon
10	STELLA DORO DAYLILY	1 gallon



NOTES




Landscape Design

Brokman  
Property

DATE	11/18/17
DRAWN BY	John Casco
CHECKED BY	
NOT	2/3/17
SCALE	

SCALE	
DATE	
BY	
NO.	1



# THE COUNTY OF CHESTER



## COMMISSIONERS

Terence Farrell  
Kathi Cozzone  
Michelle Kichline

Brian N. O'Leary, AICP  
Executive Director

## PLANNING COMMISSION

Government Services Center, Suite 270  
601 Westtown Road  
P. O. Box 2747  
West Chester, PA 19380-0990  
(610) 344-6285 Fax (610) 344-6515

June 8, 2016

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

Re: Preliminary Subdivision - Brakman Property  
# SD-5-16-13866 - East Goshen Township

Dear Mr. Smith:

A preliminary subdivision plan entitled "Brakman Property", prepared by Commonwealth Engineers Inc., and dated May 17, 2016, was received by this office on May 19, 2016. The plan is reviewed by the Chester County Planning Commission in accord with the provisions of Section 502 of the Pennsylvania Municipalities Planning Code. We offer the following comments on the proposed subdivision for your consideration.

### **PROJECT SUMMARY:**

Location - the south side of East Strasburg Road (State Route 2010), east of Lochwood Lane

Site Acreage - 5.08 acres

UPI - 53-6-89

Landscapes2 Designation - **Suburban and Natural Landscapes**

Watersheds Designation - East Branch subbasin of the Chester Creek watershed

### **PROPOSAL:**

The applicant proposes the creation of three residential lots. There is an existing residence on Lot 1 (1.48 acres) which is served by public water and on-site sewer. Lots 2 and 3 will be served by public water and public sewer. The project site is located in the R-2 Low Density Residential zoning district.

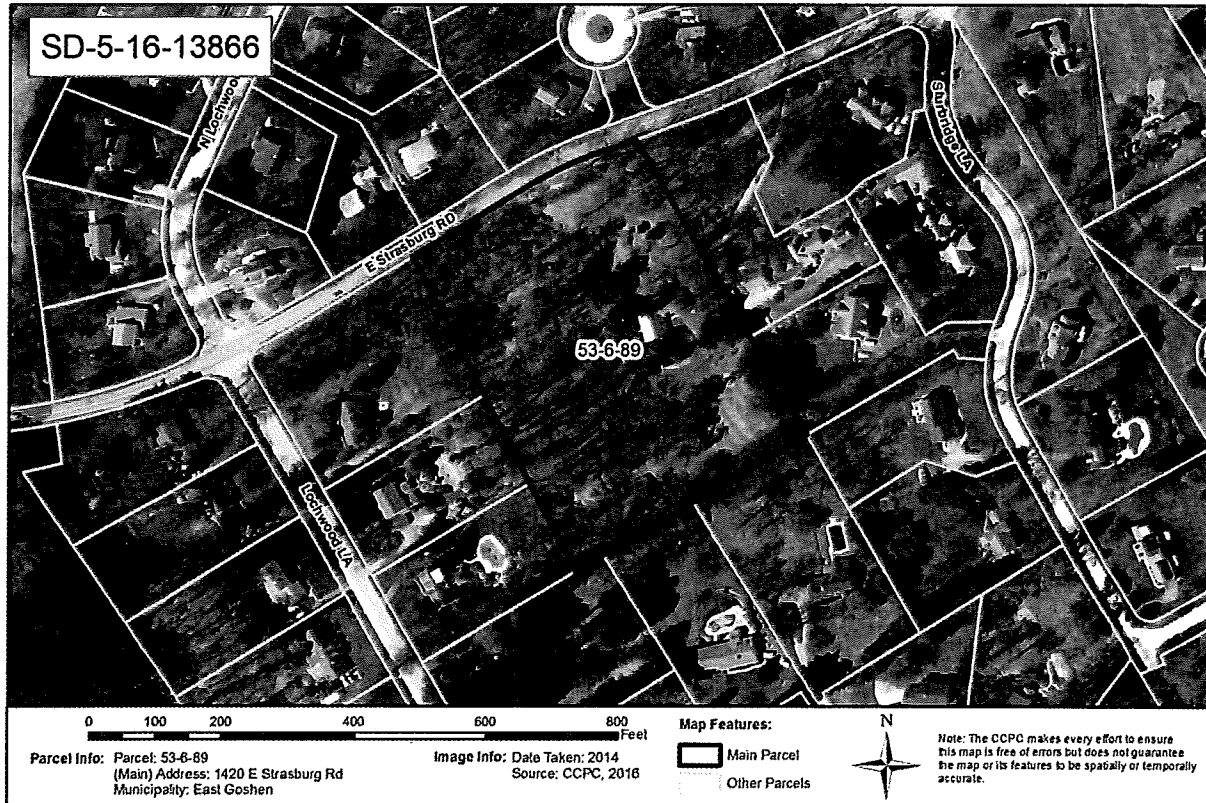
**RECOMMENDATION:** The Commission recommends that the issues raised in this letter be addressed and all East Goshen Township requirements be satisfied before action is taken on this subdivision plan.

### **COUNTY POLICY:**

#### **LANDSCAPES:**

1. The project site is located within the **Suburban Landscape** and **Natural Landscape** designations of *Landscapes2*, the 2009 County Comprehensive Plan. The objective of the **Suburban Landscape** is to promote new development to accommodate anticipated population and employment growth, using appropriate density, sustainable design, and smart transportation

principles. As an overlay of the basic landscapes, the objective of the **Natural Landscape** is to encourage the preservation and restoration of sensitive natural resources. The proposed subdivision is consistent with the objectives of the **Suburban Landscape**.



### WATERSHEDS:

2. *Watersheds, An Integrated Water Resources Plan for Chester County and Its Watersheds*, is the water resources component of *Landscapes2*. *Watersheds* indicates that the proposed development activity is located within the East Branch subbasin of the Chester Creek watershed. The highest priority management objectives identified in *Watersheds* for consideration in land development and land use planning within the Chester Creek watershed include: reduce stormwater runoff, restore water quality of “impaired” streams, and protect vegetated riparian corridors. These concerns and conditions should be taken into consideration in final site design decisions. Specific strategies for implementation to effectively address these items can be found in Part 8 of *Watersheds*. A more detailed listing of water resources management needs and resources to be protected within the Chester Creek watershed can be found in Part 10 of *Watersheds*. *Watersheds* can be accessed at [www.chesco.org/water](http://www.chesco.org/water) through the “Water Information (Online Maps and Publications)” link.

### PRIMARY ISSUES:

3. Vehicular access to all three lots will be provided from a shared driveway arrangement. While the Commission endorses the use of shared driveways, the Township should carefully examine the shared driveway design due to the extensive steep slopes on the project site. We note the applicant is providing a pull-off area along the northern portion of the shared driveway.

4. The applicant should verify accuracy of the driveway and utility easement; it appears that a portion of the existing driveway for Lot 1 located on Lot 2 is situated outside of this easement area. The details of this easement should be incorporated into the deeds of all three lots.
5. The Township should verify that all necessary Ordinance relief measures to permit grading in steep slope areas have been granted and that the design of the slopes is consistent with all ordinance requirements related to permitted grades, the design and specifications of retaining walls and slope stabilization.
6. The site contains land within the 100 year flood plain. Although it does not appear that any development activity will encroach into the floodplain, the applicant should be aware that the County Planning Commission opposes, and the Federal Emergency Management Agency and Pennsylvania Department of Environmental Protection regulate filling or development in the floodplain. Development within a floodplain can increase the magnitude and frequency of normally minor floods, and present health and safety problems.
7. The site contains delineated wetlands. Although it does not appear that any development activity will encroach into the delineated wetland area, the applicant should be aware that placement of fill in wetlands is regulated by the Corps of Engineers in accordance with Section 404 of the Clean Water Act (1977) and the Department of Environmental Protection under Chapter 105 Rules and Regulations for the Bureau of Dams and Waterway Management.
8. The site contains areas of hydric (wet) soils (Ur1B and Ur1D Urban land-Gladstone Complex) which have limitations to development. These limitations include drainage problems due to low permeability, low runoff rates and sub-surface saturation. When construction takes place on these soils, it interferes with the natural drainage of the land. On-site alterations to existing drainage patterns should be carefully inspected by the Township Engineer to insure that off-site drainage conditions are not negatively affected.
9. Land disturbance and land development activities that occur within Chester County must comply with the *County-wide Act 167 Stormwater Management Plan for Chester County, PA* (July 2013) and the associated Act 167 stormwater management ordinance standards adopted by each municipality. The municipal engineer should ensure that the proposed plans comply with these standards.
10. Nearly every municipality in Chester County has one or more “impaired” stream segments which do not meet Pennsylvania’s water quality standards. PaDEP’s information regarding the locations, sources and causes of water body impairments should be reviewed to ensure that the proposed activity will not increase an impaired water body’s pollutant loading. For additional information go to: [www.chesco.org/766/TMDLs-Water-Quality-Improvement](http://www.chesco.org/766/TMDLs-Water-Quality-Improvement).

ADMINISTRATIVE ISSUES:

11. The applicant should contact the office of the Chester County Conservation District (CCCD) for information and clarification on erosion control measures. The provisions of the Commonwealth Erosion Control Regulations may apply to the project and may require an Earth Disturbance Permit or a National Pollutant Discharge Elimination System permit for discharge of stormwater from construction activities.

Page: 4

Re: Preliminary Subdivision - Brakman Property

# SD-5-16-13866 - East Goshen Township

12. A Pennsylvania Department of Transportation (PennDOT) permit is required for new or revised access and should be identified on the final plan as required by Section 508(6) of the Municipalities Planning Code.
13. A minimum of four (4) copies of the plan should be presented at the Chester County Planning Commission for endorsement to permit recording of the final plan in accord with the procedures of Act 247, the Pennsylvania Municipalities Planning Code, and to meet the requirements of the Recorder of Deeds and the Assessment Office.

This report does not review the plan for compliance to all aspects of your ordinance, as this is more appropriately done by agents of East Goshen Township. However, we appreciate the opportunity to review and comment on this plan. The staff of the Chester County Planning Commission is available to you to discuss this and other matters in more detail.

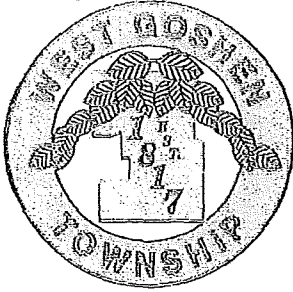
Sincerely,



Paul Farkas  
Senior Planner

cc: Gunnison Development Co. LLC  
Commonwealth Engineers Inc.  
Chester County Conservation District  
Matthew Miele, District Permits Manager, PennDOT  
Francis J. Hanney, P.E., PennDOT





RAYMOND H. HALVORSEN, *Chairman*  
EDWARD G. MEAKIM, JR., *Vice-Chairman*  
PHILIP J. CORVO, JR., *Member*  
CHRISTOPHER PIELLI, ESQ., *Member*  
HUGH J. PURNELL, JR., *Member*

CASEY LALONDE, *Township Manager*

## Wastewater Treatment Plant

848 S. Concord Rd.  
West Chester, PA 19382  
610-696-0900  
Fax: 610-429-9360

June 9, 2016

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

RE: 1420 East Strasburg Road

Dear Mr. Smith:

This letter shall serve to verify that there is sufficient capacity in the West Goshen Sewer Authority collection, conveyance, and treatment system at the current time to accept flows from the above referenced project. The anticipated additional daily sewage flow of 634.5 gpd (3 edu's) from this project will not create a hydraulic, organic, or 5-year projected overload.

Please do not hesitate to call if in need of anything further.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Moffa", written over a horizontal line.

Michael Moffa  
Wastewater Superintendent



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**CHESTER COUNTY CONSERVATION DISTRICT**  
688 Unionville Road, Suite 200, Kennett Square, PA 19348  
Phone: 610-925-4920 ~ Fax: 610-925-4925  
[www.chesco.org/conservation](http://www.chesco.org/conservation)

February 27, 2017

Gunnison Development Co., LLC  
Attn: Jim Brandolini  
1200 Burning Bush Lane  
West Chester, PA 19380

**RE: Erosion & Sedimentation Control Plan  
Brakman Property - Review #II  
N.P.D.E.S. File Number: PAC150007  
East Goshen Township, Chester County, PA**

Most Recent Plan Revision Date: 02/20/2017      Total Acres: 5.08      Disturbed Acres: 1.47  
Receiving Watershed: East Branch Chester Creek      Designation: TSF, MF

To Whom It May Concern:

The above referenced project has been reviewed by the Chester County Conservation District and found to be **adequate**. The E&S and PCSM Plans adequately addresses erosion and sediment control and meets the minimum requirements of the Department of Environmental Protection's (DEP) rules and regulations, Chapter 102, Erosion and Sediment Control and The Clean Streams law, provided all Best Management Practices (BMPs) are properly implemented and maintained.

**No construction or earthmoving activities may commence until all required permits including the ACT 537 permit and N.P.D.E.S. Permit is issued. The N.P.D.E.S. permit will be issued by the Chester County Conservation District. You will be contacted by our office to make arrangements to pick up the stamped plans when the N.P.D.E.S. permit is issued. Our office hours are from 8:00 am to 4:00 pm – Monday through Friday.**

**The final *stamped and approved* Erosion and Sedimentation Pollution Control (E&SPC) plan and a copy of the NPDES Permit must be available at the site of the earthmoving activity during construction until the site is permanently stabilized. The Preparedness Prevention and Contingency (PPC) Plans are to be fully implemented and available at the construction site.**

The District has reviewed this plan solely to determine whether it is adequate to satisfy the requirements of Chapter 102, Erosion and Sedimentation Control Rules and Regulations of the Pennsylvania Department of Environmental Protection and the requirements of the Department's PCSM rules and regulations. The Chester County Conservation District

assumes no responsibility for the design or implementation of the plans or the proper construction and/or operation and maintenance of the best management practices contained in the plans.

Should any measures proposed in this plan prove incapable of adequately removing sediment from on-site flows prior to discharge or prior to stabilization of the disturbed areas, or if accelerated erosion is caused downstream or downslope from the site, additional measures must be implemented by the developer to eliminate any and all such problems.

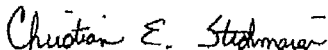
The Chester County Conservation District requires notification of at least 7 days prior to the commencement of on-site earthmoving activities for a pre-construction meeting and 72 hours notification prior to the commencement of earthwork and will conduct periodic site inspections to determine compliance with Chapter 102 regulations.

This adequate letter is in effect for the remainder of the NPDES permit. Any changes, revisions, or modifications to the approved plans will need to be resubmitted to the Chester County Conservation District for review and approval prior to the beginning of construction.

**Questions regarding this matter can be directed to:**

**Gordon Roscovich  
Resource Conservationist  
Chester County Conservation District  
(610) 925-4920 ext. 106**

Sincerely,



Christian E. Strohmaier Electronic Signature  
Director

cc: East Goshen Township  
Commonwealth Engineers, Inc.  
Project File  
Permit File

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

Date: February 22, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Milltown Dam

In order to breach the Milltown Dam we need to obtain a permit from the PA Fish and Board Commission to draw down the Reservoir. The Reservoir supports a population of Red-Bellied Turtles which are a state listed threatened species. As such we have to locate, trap and transfer these turtles to a new location prior to drawing down the Reservoir.

Gannet Fleming solicited proposals three firms, two in the \$30,000 range and one in the \$40,000 range. They would recommend that we go with Dubois Environmental Consultants, who performed similar work at the Westtown School, when they restored the Westtown Lake.

They would commence work this spring, as outlined in the proposal.

**Suggested motion** – I would move to accept the proposal from Gannet Fleming in the amount of \$38,730 to trap and transfer Red-Bellied Turtles and to prepare and submit the Drawdown Permit.



*Excellence Delivered **As Promised***

February 21, 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  
Milltown Dam Hazard Reduction Project  
Red-belly Turtle Relocation Program**

East Goshen Township (Township) is proposing to reduce the hazard classification of Milltown Dam (DEP ID No. D15-146) by lowering the existing spillway and right embankment in order to reduce the storage volume impounded by this structure. In anticipation of this project, the Township wishes to dewater the reservoir in a phased approach, beginning in the spring of 2017. It is anticipated that the phased drawdown will be accomplished by notching the existing concrete spillway to predetermined elevations and that the work will be performed by the Township.

The proposed drawdown of Milltown Reservoir will require approval from 1) the Pennsylvania Fish and Boat Commission (PFBC) through an "Application to Draw off Water from Impoundments" and 2) from the Department of Environmental Protection (DEP), Division of Dam Safety to modify the existing spillway crest. As part of the drawdown permit approvals, the project must address Red-belly Turtles (a state listed threatened species) which Milltown Reservoir is known to support. The presence of Red-belly Turtles requires the project to take measures to locate, trap and transfer Red-belly Turtles to a new location prior to dewatering the reservoir.

To assist the Township with the relocation of Red-belly Turtles, Gannett Fleming proposes to subcontract with DuBois Environmental Consultants, LLC (DuBois) who are listed as qualified surveyors for Eastern Red-belly Turtles. DuBois performed similar services for the recently completed dredging project at the nearby Westtown Pond. Work to be performed by DuBois includes the following:

Item 1: Secure a scientific collectors permit.

Gannett Fleming, Inc.

- Item 2: Trap and relocate Red-belly Turtles from the Milltown Reservoir for a period of 20 days.
- Item 3: Return to the site for up to three additional days of trapping and relocation once the reservoir level has been lowered. Each site visit will be billed at a rate not to exceed \$800/day and Item 3 will not exceed a total maximum fee of \$3,000 without prior written authorization from the Township.
- Item 4: Provide follow-up reporting on the trap and transfer efforts.

The proposal from DuBois is provided as Attachment 1 and shall be considered part of this overall proposal.

Gannett Fleming will oversee the work of DuBois. The scope and fee provided herein assumes that Gannett Fleming will be onsite for six of the 20 days that DuBois is performing trap and transfer activities (a maximum of 4 hours per trip has been allocated for this activity). Gannett Fleming will assemble the “Application to Draw off Water from Impoundments” for submission to the PFBC and DEP Division of Dam Safety. It is anticipated that the drawdown permit will include a project narrative of the dewatering activity including a description of the Red-belly Turtle trapping and relocation plan; details of the spillway modifications to facilitate the dewatering efforts; and a dewatering schedule.

The enclosed scope and fee proposal is based on the following assumptions:

- Property access to Milltown Dam and reservoir will be secured and coordinated by the Township.
- Recovery of aquatic resources except for the Red-belly Turtle will be at the discretion of the Township.
- It is anticipated that the Red-belly Turtle removal program will commence between March 1<sup>st</sup> and April 30<sup>th</sup>. However, the start date will be weather dependent.
- Refer to the Dubois proposal contained in Attachment 1 for additional assumptions.

Our proposed lump sum fee to trap and transfer Red-belly Turtles from Milltown Dam and to prepare and submit an “Application to Draw off Water from Impoundments” to the PFBC and DEP Division of Dam Safety, as described within this proposal letter, is as follows:

Work by DuBois (Items 1, 2 & 4 - See attached proposal):	\$26,900.00
Work by DuBois (Item 3 - Billed on an as needed basis):	not to exceed \$3,000.00
Gannett Fleming General Oversight and Management of DuBois (10%):	\$2,690.00
Gannett Fleming Field Observation of Dubois Work:	\$3,100.00
<u>Gannett Fleming Preparation of Drawdown Permit:</u>	<u>\$3,040.00</u>
<b>Total Lump Sum Fee:</b>	<b>\$38,730.00</b>

We are prepared to begin work immediately upon receiving notice to proceed and will begin with retaining DuBois to schedule the Red-belly Turtle trap and transfer efforts. Gannett Fleming will prepare the drawdown permit application within two weeks following notice to

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

3

February 21, 2017

proceed and the trap and transfer activities will begin upon DuBois receiving approval of their Scientific Collecting Permit from the PFBC.

These services can be provided under our current Master Services Agreement. Should the Township choose to secure our services to trap and transfer Red-belly Turtles and to prepare a drawdown permit for Milltown Dam 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. Dave Graff of our office at 717-763-7212, extensions 2828 and 2073, 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

Enclosures

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**ATTACHMENT 1**  
**Proposal from DuBois Environmental Consultants, LLC**

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DuBois Environmental Consultants, LLC

February 21, 2017

Ms. Autumn Thomas  
Sr. Environmental Scientist  
Gannett Fleming  
PO Box 80794  
Valley Forge, Pennsylvania 19484-0794

**Re: Environmental Services  
Milltown Reservoir  
East Goshen Township, Chester County, Pennsylvania**

Dear Ms. Thomas:

Our firm is pleased to present this proposal for ecological services on the aforementioned property. The scope of services and professional fees shall be as followed:

**ITEM I SCIENTIFIC COLLECTING PERMIT**

A Scientific Collecting Permit will be extended to outline the types, times, traps, telemetry equipment, manpower and lengths of the study and work to be performed. Maps, reference material and historical research are included in this report for the Pennsylvania Fish and Boat Commission (PAFBC) Review. Typically, the PAFBC takes approximately 14 days to approve or conditionally approve the permit.

**LUMP SUM: \$ 500.00**

**ITEM II SPRING RED-BELLIED TURTLE TRAPPING & RELOCATION**

A Red-bellied Turtle trapping (Phase III survey/Salvage) will be conducted throughout Milltown Reservoir for Twenty (20) Consecutive days and evenings on and around the Lake. One full day with two (2) biologists will be required prior to the trapping program to set up and one full day with two (2) biologists will be required once the trapping is done to remove the traps. Traps utilized are designed for turtles to be captured while basking, feeding, foraging and migrating. Based on the size of the reservoir our office estimates setting between 16-20 Red Bellied turtle traps of varying size. This program will be set up where traps will be checked periodically throughout the day to collect as many Red-bellied Turtles as possible in order to re-locate the Red-bellied Turtles to adjacent ponds and water bodies. DEC will set up temporary holding tanks for the turtles and at the end of each day turtles will be transported to their new destinations based on turtle size and amount. One qualified biologist will be on site at all times. Correspondence with the PAFBC will occur prior to, at the beginning and during the trapping program. All captured Red-bellied Turtles will be removed and re-located. All captured Red-eared Sliders will be disposed of or euthanized unless an alternative method is provided by the East Goshen Township. All non-targeted turtles will be recorded, held and moved if necessary. Our office will coordinate where turtles will be relocated and transportation to and from those waterbodies and to and from the veterinary's assistant when red eared sliders are to be euthanized.



The Red-bellied turtle removal program will continually remove turtles captured for the course of the 20-day trapping survey. After this trapping survey the drawdown portion of the project can commence. DEC will adhere to all PAFBC Guidelines for Red-bellied Turtle Surveys while handling and moving Red-bellied Turtles. A Pennsylvania Fish and Boat Commission recognized qualified Red-bellied turtle surveyor or equivalent will be present on the site for all survey dates.

The Trapping survey will incorporate the following:

- The surveys will commence between March 1<sup>st</sup> to April 30<sup>th</sup> and will encompass a twenty (20) day trapping period. The start of the survey is weather dependent.
- Trapping will commence when the ambient air temperature is a minimum of 55°F
- A minimum of twenty (20) survey dates will be performed and a minimum of eight (8) man hours will be expended per day.
- All types of terrestrial turtle activities will be recorded (nest construction, completed nests, predated nests, semi-completed nests, egg laying) of all turtle species.
- Staging areas will be fenced off with the use of orange safety fence during construction.
- Each Red Bellied Turtle encountered will be photo-documented by taking pictures of the carapace, plastron and face/neck markings. For each turtle encountered, information including the sex, carapace length (straight line and maximum length), carapace width, weight and details (i.e. scars/injuries) will be collected. Each red bellied turtle will be marked in a manner consistent with the appropriate State agency and the PAFBC.
- The PAFBC will be sent a copy of the survey results for review.

**LUMP SUM: \$ 22,400.00**

### **ITEM III RED-BELLIED TURTLE REMOVAL DURING LAKE DRAINING;**

Our office will be on-site for no more than three (3) days during the last stage of the drawdown process in an effort to capture and relocate red-bellied turtles, map turtles, snapping turtles, painted turtles, musk turtles and red-eared slider turtles. Our office will set up approximately 15-20 traps in order to capture turtles and relocate them. All captured red-eared sliders will be disposed of or euthanized unless an alternative method is provided by the East Goshen Township. All non-targeted turtles will be recorded, held and moved if necessary.

**LUMP SUM: \$800.00/day  
NOT TO EXCEED \$3,000.00**

### **ITEM IV REPORTING**

A technical report along with data to substantiate the results of our study will be prepared. Specifically, the report will discuss the proposed project, existing site conditions, existing habitats and target species sought. Maps will contain color depictions using ArcMap GIS Software. The report will discuss findings and the results of the capture and relocation effort. The final report will include all threatened/endangered species survey activities and site-specific recommendations. This report will be suitable for submission to the state or federal review agency.

**LUMP SUM: \$ 4,000.00**



Any of the following items will be considered extra work:

1. Meetings with utilities or government agencies.
2. Construction estimates or permits, except as noted.
3. Ecological Studies/Directed Studies
4. Soil testing
5. Recording fees with town or county government
6. Revisions to reports from all parties past one revision
7. Reproduction costs.
8. Deliveries, pick-ups, and special and certified mailings.
9. Fees to agencies for applications or review.

**IF ADDITIONAL WORK IS REQUIRED BEYOND THE PROPOSAL ITEMS:**

**A LIST OF CURRENT HOURLY BILLING RATES IS AS FOLLOWS:**

*(Effective June 1, 2012)*

Principal	\$142.00/hr.
Principal Environmental Scientist	\$122.00/hr.
Project Manager	\$112.00/hr.
Sr. Environmental Scientist	\$102.00/hr.
Environmental Scientist	\$ 82.00/hr.
Environmental Technician	\$ 62.00/hr.
Sr. Biologist	\$102.00/hr.
Biologist	\$ 82.00/hr.
Staff Biologist	\$ 62.00/hr.
GIS Specialist	\$102.00/hr.
Sr. GIS Specialist	\$112.00/hr.
Sr. CAD Technician	\$ 82.00/hr.
Laborer	\$ 42.00/hr.
Senior Draftsman	\$ 82.00/hr.
Junior Draftsman	\$ 52.00/hr.
Inspector	\$ 72.00/hr.
Secretary/Clerical	\$ 42.00/hr.
Computer	\$ 42.00/hr.
Delivery	\$ 42.00/hr.
Mileage	\$ 0.50/per mile
Prints	\$ 0.38/sq. ft.
Black & White Copies	\$ 0.07/copy
Color Copies	\$ 1.07/copy
Out-of-Pocket Expenses	115% of cost

**NOTE:** A minimum fee of \$500.00 per person will be billed for all meetings attended after the close of business hours in addition to the hourly rate.

DuBois Environmental Consultants will work under Gannett Fleming's Subconsultant Agreement as provided by Gannett Fleming, Inc.



*Proposal:*  
Milltown Reservoir  
East Goshen Township, Chester County, Pennsylvania

February 21, 2017  
Page 4 of 4

There is no explicit or implicit warranty relating to the work to be performed except that the work will be performed pursuant to generally accepted standards of practice in effect at the time of performance. There are no understandings or agreements except as expressly stated herein. Nothing herein shall be construed to give any rights or benefits to anyone other than the client and DuBois Environmental Consultants. In the event any provisions of this agreement shall be held to be invalid, the other provisions of this agreement shall remain valid and binding.

Payment of fees for professional services is not contingent upon approval of applications or plans. The consultant is authorized to subcontract any portion of the work to be performed.

Reproducible copies of the plans and reports shall become the property of the client for a nominal copying/reproduction fee when all outstanding invoices have been paid. All original plans notes, and documents, as instruments of service shall remain the property of DuBois Environmental Consultants.

This Proposal will require updating if not accepted within thirty (30) days.

Please indicate your acceptance of this Proposal by signing below and returning the original to our office. Thank you for the opportunity to present this Proposal.

Sincerely,

Bryon DuBois

**Accepted:**

**BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_ **FOR:** \_\_\_\_\_

**BILLING INFORMATION IF DIFFERENT FROM ABOVE ADDRESS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Doc: 0120GannettMilltownPH

# Memo

## East Goshen Township

Date: February 27, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Dam Grants

We are in receipt of a proposal from Simone Collins for assistance in developing and submitting grants to fund the proposed improvements above the Milltown and Hershey Mill Dams. It would appear that we would be eligible for grants under the following programs.

- PA DCNR – Community Conservation Partnership Program – Park Rehabilitation and Development
  - 165 Grants awarded in 2016 ranging from \$10,000 to \$500,000,
  - 50% match
  - Applications due April 12, 2017
- PA DCNR – Community Conservation Partnership Program – Riparian Forest Buffer Program
  - 13 Grants awarded in 2016 ranging for \$50,000 to \$113,000
  - 50% match
  - Applications due April 12, 2017
- PA DCED – Greenways Trail and Recreation Program
  - \$250,000 max grant
  - 15% match
  - Applications due May 31, 2017
- PA DCED – Watershed Restoration and Protection Program
  - \$300,000 max grant
  - 15% match
  - Applications due May 31, 2017
- Chester County – Municipal Grant Program
  - \$100,000 max grant
  - 25% match
  - Applications due February 28, 2017

Since the scope of both Dam projects are similar we will need to be selective in determining which grants to apply for, so that we are not competing against ourselves. In addition the construction timing of each dam project may impact the grant selection. Accordingly, I would suggest that you accept the proposal from Simone Collins and direct Township staff in conjunction with Simone Collins to provide the Board with a recommendation to the on which grants we should apply for. The Board would make the final decision.

**Motion:** I move that we accept the February 17, 2017 proposal from Simone Collins and that Township staff in conjunction with Simone Collins provide the Board with a recommendation on which grants to apply for.



February 17, 2017

Rick Smith, Manager  
East Goshen Township, 1580 Paoli Pike  
West Chester, PA 19380  
rsmith@eastgoshen.org

**RE: Milltown and Hershey's Mill Dams Park Plans  
SC # 16060.00**

Dear Mr. Smith:

As per our discussion, **Simone Collins Landscape Architecture (SC)** is pleased to offer the attached proposals for support services of writing and submitting grant application for Milltown Dam Open Space and Hershey Mills Dam Open Space. SC would assist the Township in developing narrative text and mapping exhibits for the grant applications.

In that the specific grants the township will pursue are still being identified SC proposes billing on time and materials, with a set not to exceed labor limit of \$3000 per grant.

The following are SC billable rates for the staff that would work on the grants:

Peter Simone	Principal	\$130 / hr.
Sarah Leeper	Project Manager	\$ 90 / hr.
SC General	Staff LA Support	\$ 75 / hr.

Reimbursable expensive would be charged separately in accordance with the attached sheet, and would most likely be minimal to cover printing cost. SC anticipates that reimbursable expensive would not exceed \$100 / grant.

The following funding sources / grants are potential applications that will be made by the Township:

- Pennsylvania Conservation of Natural Resources (DCNR) Community Conservation Partnership Program
- Department of Community and Economic Development (DCED) Greenways, Trails and Recreation Program (GTRP)
- DCED Watershed Restoration and Protection Program (WRPP)
- PENNVEST
- Chester County Municipal Grant Program

X:\16060.00 East Goshen Dam sites\Proposal\170217\_Grant-Proposal.docx

## General Conditions

1. **Definitions** – For the purposes of this agreement Simone Collins Incorporated Landscape Architecture will herein be referred to as SC. The **East Goshen Township** will be herein referred to as the CLIENT.
2. **Reasonable Care** – Professional services by SC will be performed with the care and skill ordinarily used by members of SC's profession, practicing under similar conditions at the same time and in the same locality. There are no other warranties, express or implied, made by SC with respect to the project or in any reports, opinions, drawings, specifications, or other documents furnished by SC.
3. **Commencement** – SC shall commence work with a notice to proceed (NTP) and a retainer from the CLIENT in the amount of **10%** of the SC Team total labor budget. **WAIVED.**
4. **Project Term** – The project schedule is identified as 30 days.
5. **Independence** – SC shall act as an independent consultant to the CLIENT to provide advice and consultation.
6. **Invoicing** – SC shall submit invoices to the CLIENT on a monthly basis for the percentage of completion or actual time spent on the project, as appropriate. Each invoice is due and payable within fifteen (30) days of its date. Payment will be due and payable in full upon receipt of invoice by the CLIENT without retainage. CLIENT will manage payments to SC not to be contingent upon receipt by the CLIENT of funds from any other third parties.
7. **Stop work** – SC reserves the right to stop work on the project if the latest invoice is not paid in full within thirty (30) days of its date by the CLIENT, unless a good faith dispute exists.
8. **Dispute Notification** – The CLIENT shall notify SC in writing within seven (7) days after receipt of an invoice, if any aspect of the invoice is in dispute. The CLIENT agrees to pay all charges not in dispute promptly upon receipt of the invoice. The CLIENT agrees that SC has the right to suspend or terminate service without prior notice if charges are not paid within thirty (30) days after receipt of an invoice from SC, and the CLIENT agrees to waive any claim against SC, and to indemnify, hold harmless and defend SC from and against any claims arising from a suspension or termination of work by SC because of the failure of the CLIENT to provide timely payment.
9. **Remedies** – If fees are not paid in full within thirty (30) days of the date of the invoice, SC reserves the right to pursue all remedies, including withdrawing and retaining all documents without recourse.
10. **Interest** – If at any time an invoice remains unpaid for a period in excess of thirty (30) days, a service charge of 2% per month will be charged on past-due accounts from the date of the invoice. The CLIENT agrees to indemnify and hold harmless SC from and against any and all reasonable fees, expenses and costs incurred by SC in its efforts to collect and enforce payment of accounts that have not been paid when due, including any and all attorneys' fees.
11. **Substantiation** – At the request of the CLIENT, SC invoicing will be substantiated with cost accounting sheets kept in the ordinary course of SC business. Time spent in additional

detailing of invoices at the request of the CLIENT is considered extra effort on the project and will be invoiced as additional work, along with any related cost of making copies and reproductions.

12. **Changes to Scope** – Major changes to the scope of the work that may be requested by the CLIENT in the programming, design or implementation of the project to the extent that such changes depart or vary the previously agreed aspects of the project shall subject this agreement to renegotiation by SC and THE CLIENT.

13. **Base information** – The CLIENT agrees to make available to SC all necessary base information including programming information, proposed plans and drawings by other project consultants at no cost to SC in a timely manner. These include electronic copies of Civil Engineers' site plans, architectural elevations, plans and other information required by SC to complete its work.

14. **Delays** – SC is not responsible for delays caused by factors beyond reasonable control of SC, including but not limited to: delays because of accidents, acts of God, failure of any governmental or other regulatory authority to act in a timely manner, failure of the CLIENT, owner or other third parties to furnish timely information or approve or disapprove SC services or work product promptly, or delays caused by faulty performance of the CLIENT or third parties.

15. **Cooperation** – The CLIENT is obligated to assist SC in the performance of the services hereunder. The CLIENT shall (a) cooperate in every reasonable manner with SC and provide all available material, data and information which pertains to the project; (b) consult with SC; and (c) provide prompt written notice of any defects or suspected defects in SC performance.

16. **Liability** – To the fullest extent permitted by law, the total SC liability to the CLIENT for any and all injuries, claims, losses, expenses, or damages whatsoever rising out of or in any way related to the project from any cause or causes, including, but not limited to SC errors, omissions, breach of contract or breach of warranty, shall not exceed the total compensation paid by the CLIENT to SC for the involved project. Notwithstanding any other provision herein, SC shall not be responsible for any incidental, indirect or consequential damages (including loss of profits) incurred by the CLIENT or any third party occasioned by services performed hereunder or by application or use of reports or other work performed hereunder.

17. **Indemnification** – The CLIENT will indemnify and hold harmless SC, its officers, directors, shareholders or agents, employees, consultants and subcontractors from and against any and all liabilities, damages or expenses, including, without limitation, any and all legal costs and expenses, whatsoever in connection with any personal injury or property damage arising out of or in any way connected with the negligence, reckless or intentional acts or omissions by the CLIENT, its officers, directors, shareholders or agents, employees, consultants and subcontractors, whether said acts or omissions are negligent, reckless, intentional or unintentional. SC will indemnify and hold harmless The CLIENT, its officers, directors, shareholders or agents, employees, consultants and subcontractors from and against any and all liabilities, damages or expenses, including, without limitation, any and all legal costs and expenses, whatsoever in connection with any personal injury or property damage arising out of or in any way connected with the negligence, reckless or intentional acts or omissions by the SC, its officers, directors, shareholders or agents, employees, consultants and subcontractors, whether said acts or omissions are negligent, reckless, intentional or unintentional.



18. **Dispute Resolution** – SC and the CLIENT agree to submit any disputes arising hereunder or relating to the proposal in Philadelphia, Pennsylvania, under the Rules of the American Arbitration Association.

19. **Promotional Rights** – SC reserves the right to utilize all written and graphic materials prepared in connection with the project for the purpose of promotion.

20. **Instruments of Service** – Drawings and specifications prepared in connection with this project shall be considered the instruments of service of SC or its subcontractors. SC shall retain copies, including reproducible copies, for information and reference in connection with the work. The CLIENT will not reuse the documents for other project sites without the prior written consent of SC or its subcontractors.

21. **Approvals** – The CLIENT shall issue written approval of work as submitted by SC at various stages of the work as deemed necessary by SC. In the event that work, as approved by the CLIENT requires subsequent re-work, these services by SC shall be compensated as extra services as agreed to by SC and the CLIENT.

22. **Limit of Rights** – This agreement shall not create any rights or benefits to parties other than THE CLIENT and SC.

23. **Reimbursable Expenses** – Direct project costs and out-of-pocket expenses are to be billed by SC and paid by the CLIENT at their actual and/or standard rates – according the agreement budget.

24. **Extent of Agreement** – This letter of agreement sets forth the entire understanding and agreement between the parties with respect to the present and future projects to which the CLIENT will enter into a subcontract with SC and shall be binding upon and inure to the benefit of the parties and their respective successors and assigns. This letter of understanding supersedes all prior documents, agreements and understandings between the parties with respect to the present and future projects to which THE CLIENT enter into a subcontract with SC.

25. **Exclusions** – SC services specifically exclude:

- Economic studies
- Primary research
- Physical surveys
- Archeological investigation
- All other services not specifically described in this services agreement

26. **Government** – This agreement shall be governed by, and construed in accordance with the laws of the Commonwealth of Pennsylvania.

**AGREED TO AND ACCEPTED BY:**

To accept the terms and conditions as stated herein, please sign below where appropriate and return one copy of this agreement to SC.

**East Goshen Township**

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(Print) Name, title of authorized representative

---

(Signature) of authorized representative

Date

SIMONE COLLINS LANDSCAPE ARCHITECTURE



Peter M. Simone, President

February 17, 2017

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Date

## COMPENSATION SCHEDULE

Professional Services	Hourly rates
<b>Principals</b>	
Peter M. Simone, RLA, FASLA	\$ 130
<b>Project Managers</b>	
Sarah Leeper, RLA	\$ 90
<b>Technical Staff</b>	
Geoff Creary, Landscape Architect	\$ 75
Pankaj Jobanputra, AICP	\$ 75
Ryan Parisi, Landscape Architect	\$ 75
Melissa Barley, Landscape Architect	\$ 75
<b>Administrative</b>	
Diane Bell	\$ 50
Expenses	
Color CAD Plots – Special Paper	\$ 3.50 / SF
Color CAD Plots – Bond Paper	\$ 2.25 / SF
B&W CAD Plots – Bond Paper	\$ 0.75 / SF
B&W Photocopies – 8-1/2x11-Bond quality	\$ 0.10 / EA
B&W Photocopies – 11x17-Bond quality	\$ 0.20 / EA
Color Photocopies – 8-1/2x11-Bond quality	\$ 0.25 / EA
Color Photocopies – 11x17-Bond quality	\$ 0.40 / EA
Glossy Photocopies – all sizes	\$ 20.00 / SF
B&W Cardstock– 8-1/2x11	\$ 0.40 / EA
B&W Cardstock– 11x17	\$ 0.75 / EA
Color Cardstock– 8-1/2x11	\$ 2.00 / EA
Color Cardstock – 11x17	\$ 3.50 / EA
Color Cardstock Laminated 8-1/2x11	\$ 2.50 / EA
GBC Binding Comb	\$ 1.00 / EA
Mileage	Federal Standard
Other	Cost plus 10%

# Memo

Date: March 2, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Mobile Video Recorders (MVRs)

The existing MVRs have exceeded the useful service life. Some of them are 10 years old, and the quality of the video and audio recordings is less than desired. In today's environment, a clear and audible recording of a particular incident can be very important. The cost to replace the 15 MVRs is \$89,220.

We have \$10,000 in the sinking fund for the MVRs and we are supposed to transfer another \$5,000 in 2017. So we have \$15,000 available right now.

The Department has received a quote from Ford Credit to finance new MVRs for five years at \$19,288.90 (APR 4.05%). This is \$4,288 over what we have available. Historically, the Department revenues have exceeded its expenses, so the chance of a shortfall at years end is slim.

Accordingly Rob and I would suggest that both Boards' agree to purchase the MVRs with financing from Ford Credit. The new MVRs would be installed in the Patrol and Traffic Unit vehicles.

Suggested Motion – I moved that we authorize the Chief to purchase the new MVRs.

# Memorandum

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

Voice: 610-692-7171  
Fax: 610-692-8950  
E-mail: [mgordon@eastgoshen.org](mailto:mgordon@eastgoshen.org)

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Date: 3/1/2017  
To: Board of Supervisors  
Cc: Deer Committee  
From: Mark Gordon, Township Zoning Officer *mlb*  
Re: 2016 Deer Management Program (Archery Hunting)

Dear Board Members:

The 2016 Deer Hunting season has concluded and I have enclosed the results of the Archery Hunting program for your review and comment.

Twenty nine (29) deer were harvested in the Township Openspace areas and no significant incidents or complaints were reported to the Township during the hunting season. The number of deer harvested increased by 2 from the 2015 season due to a very productive month of January, due to the mild weather.

The hunting groups are happy with the program and the opportunity provided them, they haven't expressed any concerns or suggested any improvements for the program at this time.

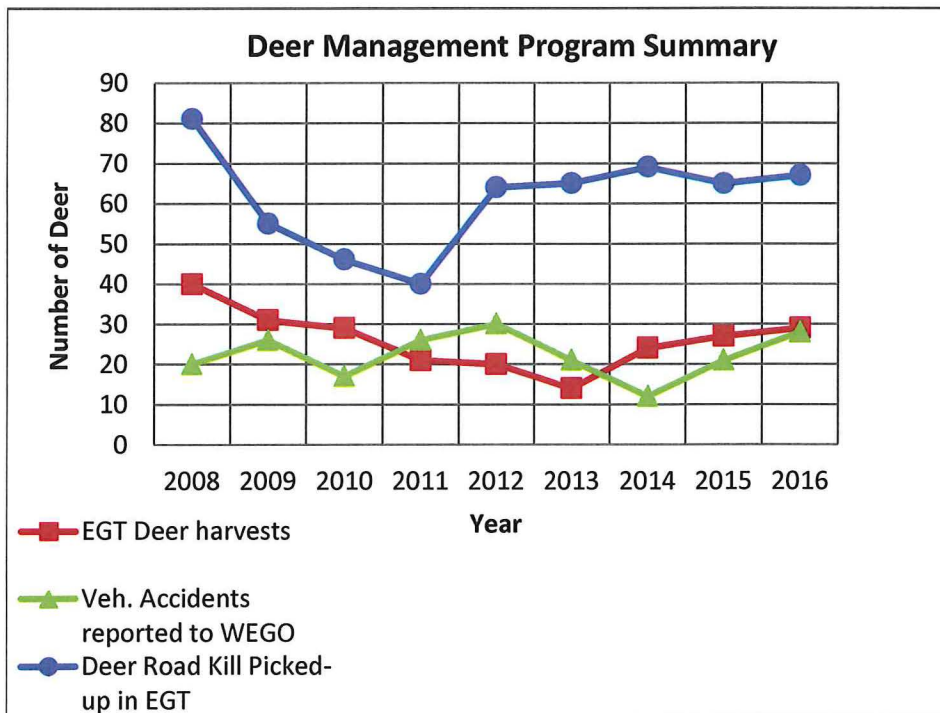
I would also add that the Township Staff is not receiving complaints about deer damage to landscaping, which we believe is directly attributed to the Deer Archery Hunting program.

The Township will accept Deer Management Group Applications for the 2017-18 archery hunting season until May 2, 2017. The Deer Committee will review all applications and hold their regularly scheduled public meeting on May 9<sup>th</sup> to discuss the applications and formulate a recommendation for the 2017-18 hunting season. I will forward the Deer Committee recommendation for the 2017-18 hunting groups to the Board of Supervisors by mid June.

# EAST GOSHEN TOWNSHIP OPENSOURCE HUNTING PROGRAM

**Program Summary 2008 – 2016**

Hunting Season	EGT Deer harvests	Veh. Accidents reported to WEGO	Deer Road Kill Picked-up in EGT
2008	40	20	81
2009	31	26	55
2010	29	17	46
2011	21	26	40
2012	20	30	64
2013	14	21	65
2014	24	12	69
2015	27	21	65
2016	29	28	67



## 2016-2017 Deer Harvest Information

Hunting Area	Date	Male/Female	Antlered / Antlerless	Weight	Approx. Age	Hunter			
<b>BOWTREE</b>	9/24/16	F	AL	110	3.0	Ferry			
	11/5/16	M	A	180	3.5	Sorgi			
	11/7/16	M	A	130	3.0	Wahn			
	11/9/16	F	AL	110	3.0	Ferry			
	11/10/16	M	A	160	3.0	Ferry			
	11/10/16	F	AL	100	2.0	Ferry			
	11/12/16	M	A	185	4.5	Kovach			
	11/12/16	F	AL	125	2.5	Kovach			
	11/26/16	F	AL	100	2.5	Ippolito			
	12/10/16	F	AL	110	2.5	Ferry			
	1/5/17	F	AL	100	2.0	Kovach			
	1/7/17	M	A	140	3.5	O'Neill			
	1/10/17	F	AL	110	3.0	Kovach			
	1/10/17	F	AL	120	3.5	Kovach			
	1/18/17	F	AL	120	4.0	Wahn			
	1/25/17	M	A	120	3.5	Malinchak			
	1/28/17	F	AL	110	2.0	Ferry			
							<b>Bowtree</b>	<b>Male</b>	<b>Female</b>
							<b>17</b>	<b>6</b>	<b>11</b>
<b>MILLCREEK</b>	10/3/16	M	A	125	2.5	Ollis			
	10/14/16	F	AL	75	1.0	Brabson	<b>Millcreek</b>	<b>Male</b>	<b>Female</b>
							<b>2</b>	<b>1</b>	<b>1</b>
<b>WENTWORTH</b>	9/24/16	F	AL	90	1.5	Clemson Jr			
	1/14/17	F	AL	95	1.5	Clemson Jr			
	1/28/17	F	AL	60	yearling	Clemson Jr			
							<b>Wentworth</b>	<b>Male</b>	<b>Female</b>
							<b>3</b>	<b>0</b>	<b>3</b>
<b>SUPPLEE</b>	9/28/16	F	AL	100	3.0	Storer			
	10/4/16	F	AL	90	1.0	Garrity			
	10/10/16	F	AL	115	3.0	Piotti			
	10/26/16	F	AL	95	3.0	Connelly			
	11/12/16	F	AL	95	2.0	Garrity			
	11/22/16	F	AL	120	3.0	Jaeger			
	1/7/17	M	AL	90	2.0	Storer			
							<b>Supplee</b>	<b>Male</b>	<b>Female</b>
							<b>7</b>	<b>1</b>	<b>6</b>
							<b>Total</b>	<b>Males</b>	<b>Females</b>
<b>Total Deer Harvest 2016-2017</b>							<b>29</b>	<b>8</b>	<b>21</b>

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**EAST GOSHEN TOWNSHIP  
BOARD OF SUPERVISORS MEETING  
1580 PAOLI PIKE  
TUESDAY, FEBRUARY 21, 2017  
DRAFT MINUTES**

**Present:** Chairman Marty Shane, Vice Chairman Carmen Battavio, Supervisors Janet Emanuel, Charles (Chuck) Proctor, and Michael Lynch. Township Manager Rick Smith, Township CFO Jon Altshul, Township Zoning Officer Mark Gordon, Township Director of Parks & Recreation Jason Lang, Township Solicitor Joseph (Skip) Brion, Conservancy Board Member Erich Meyer and Court Recorder Colleen Pimer were also present.

**Call to Order & Pledge of Allegiance**

Marty called the meeting to order at 7:00 p.m. and asked Chief Brenda Bernot 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 and for those that have given the ultimate – their lives.

**Recording**

Marty asked if anyone would be recording the meeting. There was no response.

**Announcements**

1. Marty announced that the Board of Supervisors met prior to this meeting in Executive Session for a legal matter and a real estate matter.
2. Carmen announced that Sarah Supplee Credeur passed away. She was a member of the Goshen Fire Company for 40 years and president of the Auxiliary. She was a member of the Goshen Grange since she was 10 years old.

**Emergency Services Report**

WEGO – Chief Brenda Bernot reported that the Police Department’s website is a few weeks behind due to a problem that the company who maintains it is fixing. There has been an increase in thefts in businesses. For example, thieves are going into the YMCA and breaking into lockers, taking car keys and stealing the car from the lot. Janet pointed out that you need to show your membership card to enter the YMCA. WEGO received 16 traffic complaints.

**Public Hearings (A court stenographer was present and will provide a full transcript of the following hearings. A copy of the transcript will be appended to these minutes once the decision becomes “final, binding and nonappealable”.):**

1. Alarm Systems Ordinance – Attorney Skip Brion explained that the proposed ordinance amends the definitions of “false alarm” and “fire department” and adds a definition for “false fire alarm” and that the fees for false alarms shall be established



1 by Resolution of the Board. Chuck moved to adopt the proposed ordinance. Janet  
2 seconded the motion. The motion passed unanimously.

3 2. Fee Schedule Resolution 2017-34 - Carmen moved to adopt Resolution 2017-  
4 34A which includes the false alarm fees and false fire alarm fees as proposed. Janet  
5 seconded the motion. The motion passed unanimously.

### 6 7 **Financial Report for January 2017**

8 Net of pass-through accounts, as of January 31<sup>st</sup>, the General Fund had revenues of  
9 \$386,278 and expenses of \$945,137 for a year-to-date deficit of \$558,859.

10 Compared to the YTD budget, revenues were \$175,233 over budget and expenses  
11 were \$52,465 under budget for a favorable budget variance of \$227,698. As of  
12 January 31<sup>st</sup>, the general fund balance was \$4,434,792. The Board approved  
13 Wednesday May 24, 2017 at 10:30 am for the annual budget planning session.

### 14 15 **New Business**

16 Hershey Mill Dam – Robert W. Cosby, 1507 Greenhill Road, gave a presentation  
17 about the history of Hershey Mill Dam. He provided maps and photos as far back as  
18 1777 where it was shown on a Battle of the Clouds map as Rees Mill. In the  
19 February 23, 1904 Daily Local News there is an article about a hole in the dam and a  
20 report in August that repairs were made. In the 1970's significant damage due to a  
21 Hurricane Agnes was repaired. He feels that the Board didn't have all of the history  
22 of the dam when they made their decision to breach the dam. He suggested that  
23 application should be made for this area to be on the National Historic Register.

### 24 25 **Public Comment**

26 Joe Buonanno, Herron Lane, asked if any gravesites have been found. Mr. Cosby  
27 answered no.

28 Mr. Buonanno mentioned that a nun from Immaculata University said there were 8-  
29 10 gravesites beneath the pond. If this is true, then there are lots of grants available.  
30 Mr. Cosby commented that in 1881, area residents were finding relics of guns, etc. in  
31 the area but there is no mention of gravesites.

32  
33 Marty mentioned that, regarding the issue of buried troops, the Ben Rohrbeck, who  
34 served on the Historic Commission, could not determine if there were any  
35 gravesites. The Board knows that the mill was there before 1972 and appreciates  
36 Mr. Cosby's presentation. When the Board made the decision to breach the dam,  
37 Former Chairman Isayeff thought residents would want to be a part of the decision-  
38 making process about what the area will look like after the breach, so a committee  
39 was formed. Later this summer the Township will apply for grants that are  
40 available. The PA Historic and Museum Commission (PHMC) in Harrisburg is  
41 reviewing the impact of the project from a historical standpoint now.

42  
43 Rick commented that, for the DEP permit, the PHMC must review the plan to  
44 determine if the project would have any impact on Neil DeRiemer's house.

1 Neil DeRiemer, 1034 Hershey Mill Road, asked if the PHMC says that the dam is  
2 historic, can they say the breach has to be moved. He feels it is not necessary to tear  
3 down the dam. He will hold the township responsible for any damage to his  
4 property. He wants the breach moved to the east.

5  
6 Marty commented that the township is in the process of getting revised costs for all  
7 alternatives and recurring costs to maintain it. They expect to have the information  
8 later this year.

9  
10 **Bicentennial Celebration** – Jason mentioned that this event will celebrate the  
11 division of Goshen Township into East and West Goshen. It will be held on Saturday  
12 June 3, 2017 with a rain date on June 4. It will be held in East Goshen Park and he  
13 expects about 8,000 visitors. It will start at 2:00 pm at the Chamber for a Battle of  
14 the Clouds presentation. At 3:00 pm there will be a re-enactment of the signing of  
15 the documents of reorganization. All elected officials will be invited. For the  
16 fireworks demonstration he recommends D & M Fireworks with a cost of \$13,000.  
17 For Inflatables and Carnival Games, he recommends Bette’s Bounces at a cost of  
18 \$4,808. Carmen mentioned that there were some comments about last year’s  
19 fireworks. Jason answered that the show will be 16-18 minutes in length but will  
20 use more shells so the display will be more intense than previous years.  
21 Marty moved to approve half of this cost contingent on West Goshen’s approval.  
22 Carmen seconded the motion. The motion passed unanimously.

23  
24 **Medical Marijuana** – Rick explained the PA Medical Marijuana Act. The Township  
25 has received a request for a dispensary on West Chester Pike. This is a use by right  
26 since retail shops selling legal drugs are permitted now in the C4 & C2 districts. Skip  
27 commented that current drug stores like CVS cannot sell medical marijuana. Mark  
28 Gordon commented that the PA Dept of Health (PADH) has established a Medical  
29 Marijuana (MMJ) Dept. with a Director which is overseen by the Medical Marijuana  
30 Advisory Board comprised of 15 members. The PADH is putting together  
31 regulations and procedures for the program. The Act breaks the PA MMJ industry  
32 into two categories: MMJ Grower/Processors – industrial growing & production use  
33 and MMJ Dispensaries – retail distribution use  
34 The East Goshen zoning ordinance currently provides for these uses - Dispensaries  
35 “by right” in the C-2 and C-4 districts and Grower/processors “by Conditional Use”  
36 in the I-2 district. Mark explained the different forms it will be dispensed in and that  
37 a dispensary card will be chipped and only a 30-day supply of medicine will be  
38 provided. Carmen is in favor of amending the Township Ordinance in order to  
39 specifically define “dispensaries” and “growers/processors” in the local ordinance. It  
40 was the consensus of the Board to refer this matter to the Planning Commission for  
41 their review.

42  
43 **Security Cameras** – Rick reviewed the plan to install security cameras at the Ridley  
44 Creek Sewer Plant and the Township Building. He received two quotes:  
45 Premium Fire & Security - \$13,235 and  
46 Protection Bureau - \$16,303

1 Mike moved to contract with Premium Fire & Security for the installation of security  
2 cameras in and around the township building and at the sewer plant at a combined  
3 cost of \$13,235. Carmen seconded the motion. The motion passed unanimously.  
4

5 **West Chester Pike Green Light-Go Program** – Rick explained that the Township,  
6 along with Westtown and West Goshen, has received a grant to install adaptive  
7 signal control technology (ASCT) at 9 traffic signals on West Chester Pike. This  
8 means the signals will be interconnected and the timing for the signals will be  
9 controlled by a computer. This will improve the traffic flow on West Chester Pike.  
10 Penn DOT requires an application for each signal. Marty mentioned that  
11 municipalities are responsible for the traffic lights in their township.  
12

13 Marty moved to adopt Resolutions 2017-159 thru 2017-164 authorizing the  
14 Township Manager to submit Traffic Signal Permit applications for the following  
15 signals:

- 16 West Chester Pike & Ellis Lane
- 17 West Chester Pike & Rose Hill/Mary Fran Drive
- 18 West Chester Pike & Westtown Way
- 19 West Chester Pike & Chester Hollow Road
- 20 West Chester Pike & Manley Road
- 21 Manley Road & North Chester Road

22 Janet seconded the motion. The motion passed unanimously.  
23

24 **Pension Committee Report** – Jon reported that 2016 returns were strong and  
25 generally met and/or outperformed their benchmarks. He also noted that in March  
26 2016, the Pension Committee voted to move all pension funds and trust assets  
27 under the management of INR Advisors. INR and Anderson Associates, the  
28 Township’s pension consultant, plan to meet with Township employees in mid-April  
29 to discuss retirement planning.

30 Mr. Buonanno asked about WEGO. Chuck, who is the Police Commissioner,  
31 explained the plans that are shared with Westtown, but that East Goshen started a  
32 trust to fund our share of the police pension’s liability.  
33

34 **Hershey Mill Dam Construction Cost Estimate** – Gannett Fleming proposed a  
35 lump sum fee of \$2,630.00 to prepare an independent construction cost estimate for  
36 the Hershey Mill Dam rehabilitation design shown on the drawings prepared by  
37 Edward B. Walsh & Associates, Inc.

38 Mike moved to approve \$2,630.00 for the proposed construction cost estimate for  
39 the Hershey Mill Dam. Janet seconded the motion. The motion passed unanimously.  
40

41 **Any Other Matter**

- 42 1. Rick noted that the March 22, 2017 Milltown Dam Committee meeting will be  
43 held at 7:00 pm not 6:30 pm.
- 44 2. Dick Dunkel resigned from the Hershey Mill Dam Committee because of his work  
45 schedule.  
46

1 **Public Comment**

2 Bernard Greenberg, 894 Jefferson Way, mentioned that the Sunoco plan was sent to  
3 Pennoni for review and Pennoni provided a 4 page review and asked what East  
4 Goshen is going to do next.

5 Rick answered that when Sunoco provides a revised plan it will go to Pennoni for  
6 review. Sunoco must get a stormwater permit from East Goshen. They can't start  
7 without one.

8 Marty commented that the Township is trying to get Sunoco to come back to discuss  
9 hours of work – 24/7 or 7am – 10 pm.

10 Joe Buonanno asked what Sunoco will do with the water that is used in the vertical  
11 drilling process. Carmen answered that Sunoco will bring water in and take it out in  
12 tanks. Rick explained the process.

13  
14 **Approval of Minutes**

15 Carmen moved to approve the February 7, 2017 minutes as amended. Janet  
16 seconded the motion. The motion passed unanimously.

17  
18 **Treasurer's Report**

19 See attached Treasurer's report for February 16, 2017. The Board reviewed the  
20 Treasurer's report and current invoices. It was pointed out that on page 6, req  
21 #50220 the account code may be wrong. Carmen moved to graciously accept the  
22 Treasurer's Report and the Expenditure Register Report as recommended by the  
23 Treasurer, to accept the receipts and to authorize payment of the invoices just  
24 reviewed. Michael seconded the motion. The motion passed unanimously.

25  
26 **Correspondence**

27 The Board acknowledged receipt of a letter from HRG regarding West Goshen Sewer  
28 Authority Anaerobic Digester Replacement Project. Rick explained that when West  
29 Goshen plans to do a project at the sewer plant, they must notify their partners, so  
30 East Goshen received this letter. He explained that East Goshen's responsibility is  
31 only a percentage of the plant and 1 pump station.

32  
33 **Adjournment**

34 There being no further business, Carmen motioned to adjourn the meeting at 9:30  
35 pm. Janet seconded the motion. The Board voted unanimously to adjourn.

36  
37 Respectfully submitted,

38  
39  
40 Ruth Kiefer  
41 Recording Secretary

42  
43 Attachment: Treasurer's Report for February 16, 2017  
44  
45

February 16, 2017

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

**GENERAL FUND**

Real Estate Tax	\$297,077.11	Accounts Payable	\$57,880.04
Earned Income Tax	\$354,568.66	<u>Electronic Pmts:</u>	
Local Service Tax	\$64,961.11	Credit Card	\$0.00
Transfer Tax	\$42,163.18	Postage	\$0.00
<i>General Fund Interest Earned</i>	\$1,691.89	Debt Service	\$11,353.36
Total Other Revenue	\$25,432.80	Payroll	\$107,238.81
Total Receipts:	<b>\$785,894.75</b>	Total Expenditures:	<b>\$176,472.21</b>

**STATE LIQUID FUELS FUND**

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

**SINKING FUND**

Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$846.26	Credit Card	\$0.00
Total Sinking Fund:	<b>\$846.26</b>	Total Expenditures:	<b>\$0.00</b>

**TRANSPORTATION FUND**

Receipts	\$0.00		
<i>Interest Earned</i>	\$383.88		
Total Sinking Fund:	<b>\$383.88</b>	Expenditures:	<b>\$0.00</b>

**SEWER OPERATING FUND**

Receipts	\$324,553.48	Accounts Payable	\$20,649.95
<i>Interest Earned</i>	\$13.66	Debt Service	\$30,275.50
Total Sewer:	<b>\$324,567.14</b>	Credit Card	\$0.00
		Total Expenditures:	<b>\$50,925.45</b>

**REFUSE FUND**

Receipts	\$50,205.63		
<i>Interest Earned</i>	\$2.22		
Total Refuse:	<b>\$50,207.85</b>	Expenditures:	<b>\$57,910.03</b>

**SEWER SINKING FUND**

Receipts	\$0.00		
<i>Interest Earned</i>	\$105.47		
Total Sewer Sinking Fund:	<b>\$105.47</b>	Expenditures:	<b>\$0.00</b>

**OPERATING RESERVE FUND**

Receipts	\$0.00		
<i>Interest Earned</i>	\$234.04		
Total Operating Reserve Fund:	<b>\$234.04</b>	Expenditures:	<b>\$0.00</b>

**Events Fund**

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

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March 2, 2017

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

**GENERAL FUND**

Real Estate Tax	\$214,744.60
Earned Income Tax	\$30,900.00
Local Service Tax	\$4,200.00
Transfer Tax	\$0.00
<i>General Fund Interest Earned</i>	\$0.00
Total Other Revenue	\$140,678.66
<b>Total Receipts:</b>	<b>\$390,523.26</b>

Accounts Payable	\$479,428.93
<u>Electronic Pmts:</u>	
Credit Card	\$4,377.92
Postage	\$0.00
Debt Service	\$0.00
Payroll	\$102,656.64
<b>Total Expenditures:</b>	<b>\$586,463.49</b>

**STATE LIQUID FUELS FUND**

Receipts	\$0.00
<i>Interest Earned</i>	\$0.00
<b>Total State Liquid Fuels:</b>	<b>\$0.00</b>

Expenditures:	<b>\$0.00</b>
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**SINKING FUND**

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

Accounts Payable	\$17,177.00
<i>Credit Card</i>	\$0.00
<b>Total Expenditures:</b>	<b>\$17,177.00</b>

**TRANSPORTATION FUND**

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

Expenditures:	<b>\$0.00</b>
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**SEWER OPERATING FUND**

Receipts	\$325,737.87
<i>Interest Earned</i>	\$0.00
<b>Total Sewer:</b>	<b>\$325,737.87</b>

Accounts Payable	\$29,201.47
<i>Debt Service</i>	\$0.00
<i>Credit Card</i>	\$0.00
<b>Total Expenditures:</b>	<b>\$29,201.47</b>

**REFUSE FUND**

Receipts	\$108,162.69
<i>Interest Earned</i>	\$0.00
<b>Total Refuse:</b>	<b>\$108,162.69</b>

Expenditures:	<b>\$20,702.74</b>
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**SEWER SINKING FUND**

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

Expenditures:	<b>\$3,621.31</b>
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**OPERATING RESERVE FUND**

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

Expenditures:	<b>\$0.00</b>
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**Events Fund**

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

Expenditures:	<b>\$0.00</b>
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**EAST GOSHEN TOWNSHIP  
MEMORANDUM**

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**TO:** BOARD OF SUPERVISORS  
**FROM:** BRIAN MCCOOL  
**SUBJECT:** PROPOSED PAYMENTS OF BILLS  
**DATE:** 03-02-2017

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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 the March contribution to WEGO in the amount of \$345,190 and \$35,463 for health insurance.

General Fund revenues include receipts totaling \$120,355 from Comcast and Verizon for 4<sup>th</sup> Quarter franchise fees.

Sinking Fund expenses include \$14,485 for professional services for the Paoli Pike Trail.

Both the Sewer and Refuse Funds revenue is well above average due to the 1<sup>st</sup> quarter invoice due date of February 28<sup>th</sup>.

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



Report Date 03/01/17

Expenditures Register  
GL-1703-57052

PAGE 1

MARP05 run by BARBARA 5 : 12 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
1471				WESTTOWN-EAST GOSHEN POLICE						
	50369	1	01410 5300	POLICE GEN.EXPENSE	030117	03/01/17	03/01/17	03/01/17	12815 p	345,189.89
				MARCH 2017 CONTRIBUTION						
										345,189.89
										345,189.89
										1 Prepays, totaling 345,189.89
										0 Printed, totaling 0.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	345,189.89	GENERAL FUND
		345,189.89	

PERIOD SUMMARY

Period	Amount
1703	345,189.89
	345,189.89

Report Date, 03/01/17

Expenditures Register  
GL-1703-57049

PAGE 1

MARP05 run by BARBARA 4 : 34 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
2226	50246	1	01401 3400	21ST CENT.MEDIA-PHILLY #884433 ADVERTISING - PRINTING CLASSIFIED AD - BOS POSITION	1223831	03/01/17		03/01/17		945.00
										945.00
6	50247	1	01401 2100	ABC PAPER & CHEMICAL INC MATERIALS & SUPPLIES PAPER PLATES & UTENSILS, SPONGES, PAPER TOWELS & NAPKINS	078675	03/01/17		03/01/17		127.41
										127.41
2051	50249	1	01432 2500	ALLIED HYDRAULIC SERVICE CO SNOW - MAINTENANCE & REPAIRS SPINNER MOTOR	23647	03/01/17		03/01/17		288.28
										288.28
68	50252	1	01401 3120	AMS APPLIED MICRO SYSTEMS LTD. CONSULTING SERVICES W2'S LABOR CHARGES, PRINTING & ENV.	63115	03/01/17		03/01/17		311.50
										311.50
119	50253	1	01401 3210	BEE.NET INTERNET SERVICES COMMUNICATION EXPENSE BEE MAIL ACCTS. - MARCH 2017	201703012	03/01/17		03/01/17		315.00
										315.00
1198	50255	1	01410 5400	BRANDYWINE VALLEY SPCA S.P.C.A. CONTRACT STRAY RECVD & PICK-UP JAN.2017	518	03/01/17		03/01/17		309.00
										309.00
3488	50258	1	01409 3740	CINTAS CORPORATION #287 TWP. BLDG. - MAINT & REPAIRS WEEK END 2/8/17 CLEAN MATS	287690061	03/01/17		03/01/17		74.75
	50258	2	01487 1910	UNIFORMS WEEK END 2/8/17 CLEAN UNIFORMS	287690061	03/01/17		03/01/17		379.73
	50259	1	01487 1910	UNIFORMS WEEK END 2/15/17 CLEAN UNIFORMS	287693545	03/01/17		03/01/17		379.73
	50259	2	01409 3740	TWP. BLDG. - MAINT & REPAIRS WEEK END 2/15/17 CLEAN MATS	287693545	03/01/17		03/01/17		74.75
	50260	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS WEEK END 2/22/17 CLEAN MATS	287697130	03/01/17		03/01/17		74.75

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01		GENERAL FUND								
3488	50260	2	01487 1910	CINTAS CORPORATION #287 UNIFORMS WEEK END 2/22/17 CLEAN UNIFORMS	287697130	03/01/17		03/01/17		379.73
										1,363.44
2996	50270	1	01409 3740	CNS CLEANING COMPANY TWP. BLDG. - MAINT & REPAIRS JANITORIAL SERV. FEB.2017 TWP.	49263	03/01/17		03/01/17		870.00
	50270	2	01409 3840	DISTRICT COURT EXPENSES JANITORIAL SERV. FEB.2017 DC & POL.	49263	03/01/17		03/01/17		255.00
										1,125.00
293	50261	1	01409 3745	COLONIAL ELECTRIC SUPPLY PW BUILDING - MAINT REPAIRS 4 FT. LED WRAP	11112436	03/01/17		03/01/17		690.00
	50262	1	01409 3745	PW BUILDING - MAINT REPAIRS 4 FT. LED WRAP	11096412	03/01/17		03/01/17		460.00
	50263	1	01409 3745	PW BUILDING - MAINT REPAIRS 4 FT. LED WRAP	11117393	03/01/17		03/01/17		460.00
										1,610.00
2491	50265	1	01401 3210	COMCAST 8499-10-109-0107472 COMMUNICATION EXPENSE 0107472 2/17-3/16/17 PW TV	021017	03/01/17		03/01/17		10.51
										10.51
3250	50264	1	01401 3210	COMCAST 8499-10-109-0107704 COMMUNICATION EXPENSE 0107704 2/23-3/22/17 P&BOOT LED	021617	03/01/17		03/01/17		105.75
										105.75
3490	50266	1	01401 3210	COMCAST 8499-10-109-0111284 COMMUNICATION EXPENSE 01111284 2/9-3/8/17 SPEC.VIDEO PW	020417	03/01/17		03/01/17		23.22
										23.22
297	50269	1	01430 2330	COMMONWEALTH OF PA VEHICLE MAINT AND REPAIR OUTRIGGER PAD	611598	03/01/17		03/01/17		70.00
										70.00



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473				FASTSIGNS						
	50278	1	01401 2100	MATERIALS & SUPPLIES	368-46199	03/01/17		03/01/17		28.10
				ENGRAVED NAME PLATE - ADAM KRAUT						
	50279	1	01401 2100	MATERIALS & SUPPLIES	368-46544	03/01/17		03/01/17		80.44
				ENGRAVED NAME PLATES - L.KIER, S. SHIN,E.HARKNESS, M.JAMES & M. LYNCH						
										108.54
480				FERGUSON ENTERPRISES INC						
	50280	1	01409 3745	PW BUILDING - MAINT REPAIRS	9907257	03/01/17		03/01/17		1,863.12
				BTU NATURAL GAS HEATER						
	50281	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS	9864876	03/01/17		03/01/17		153.04
				20 MIC 10 GPM PLEAT CELLULOSE CART						
										2,016.16
3081				FOLEY, DOTTIE						
	50282	1	01401 3420	NEWSLETTERS	020717	03/01/17		03/01/17		600.00
				FIVE HEADSHOTS						
										600.00
2271				FOX ROTHCHILD LLP						
	50283	1	01404 3140	LEGAL - ADMIN	2008045	03/01/17		03/01/17		52.00
				PROF.SERVICE THRU 1/31/17						
										52.00
3768				GIRESI, BRAD						
	50284	1	01413 3000	GENERAL EXPENSE	022717	03/01/17		03/01/17		158.00
				REIMBURSEMENT FOR ZONING COURSE						
										158.00
563				GRAINGER						
	50285	1	01437 2460	GENERAL EXPENSE - SHOP	934251089	03/01/17		03/01/17		1,487.70
				FLAMMABLE SAFETY CABINET						
	50286	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS	9341599588	03/01/17		03/01/17		353.21
				EXHAUST FAN & TWO SPEED SWITCH						
										1,840.91
61531				HAMEL, JENNIFER						
	50287	1	01367 3507	LEARN TO SKATE	022217	03/01/17		03/01/17		110.00
				REFUND - LEARN TO SKATE						
										110.00

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598	50288	1	01454 7300	HANSON AGGREGATES PENNSYLVANIA LLC HERSHEY MILL DAM REPAIR 192.78 TONS RIP RAP - HERSHY'S MILL DRAINAGE	3067631	03/01/17		03/01/17		2,910.52
										2,910.52
638	50289	1	01409 3745	HOME DEPOT CREDIT SERVICES PW BUILDING - MAINT REPAIRS LUMBER, CAULK SPRAY FOAM & GRINDING WHEELS	021317	03/01/17		03/01/17		108.99
	50289	2	01430 2330	VEHICLE MAINT AND REPAIR BUNGEE CORDS & EYE BOLTS	021317	03/01/17		03/01/17		18.88
	50289	3	01437 2460	GENERAL EXPENSE - SHOP 27 GAL.TOTE, SCRUB BRUSHES, HOSE REELS, TIDE, NOZZLES, & PLIERS	021317	03/01/17		03/01/17		170.58
	50289	4	01437 2460	GENERAL EXPENSE - SHOP RUST SPRAY PAINT	021317	03/01/17		03/01/17		3.76
	50289	5	01437 2460	GENERAL EXPENSE - SHOP SCREWS, NAILS & QUICK SNAPS FOR SUB FLOORING	021317	03/01/17		03/01/17		159.20
										461.41
3769	50290	1	01487 1910	INFERNO SPORTS & ATHLETICS LLC UNIFORMS CUSTOM EMBROIDERY SERVICE	0230-2017	03/01/17		03/01/17		20.00
										20.00
719	50293	1	01437 2460	KEEN COMPRESSED GAS COMPANY GENERAL EXPENSE - SHOP ACETYLENE, OXYGEN & PROPANE CYLINDERS	72017485	03/01/17		03/01/17		180.00
	50294	1	01437 2460	GENERAL EXPENSE - SHOP VARIOUS GAS CYLINDERS	83122218	03/01/17		03/01/17		55.29
										235.29
3770	50295	1	01432 2500	KLUCZNIK, MARGIE SNOW - MAINTENANCE & REPAIRS REIMBURSEMENT FOR DAMAGED MAILBOX	020917	03/01/17		03/01/17		25.00
										25.00

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739				KNOX EQUIPMENT RENTALS INC.						
	50296	1	01438 3840	EQUIPMENT RENTAL GRINDER RENTAL 1/30/17	13603.1.2	03/01/17		03/01/17		247.50
										247.50
765				LENNI ELECTRIC CORPORATION						
	50298	1	01409 3745	PW BUILDING - MAINT REPAIRS RELOCATE CONDUITS - PW TOOL ROOM	170204	03/01/17		03/01/17		2,354.79
	50299	1	01409 3745	PW BUILDING - MAINT REPAIRS SET UP SERVICE TO TOOL ROOM	170205	03/01/17		03/01/17		1,782.30
	50300	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS REPAIR POLE LIGHTS - CHAMBER OF COMMERCE	170173	03/01/17		03/01/17		305.95
	50302	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS REPAIR 2ND FL.MEETING ROOM LIGHTS	170170	03/01/17		03/01/17		1,338.45
	50303	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS REPAIR EXT. PARKING LOT LIGHTING	170169	03/01/17		03/01/17		313.00
	50305	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS REPLACE 2 OUTLETS - MARK'S OFFICE	170206	03/01/17		03/01/17		177.10
										6,271.59
1817				LOWES BUSINESS ACCOUNT/GECF						
	50306	1	01433 2450	MATERIALS & SUPPLIES - SIGNS LUMBER & SUBFLOOR	021717	03/01/17		03/01/17		509.14
	50306	2	01437 2460	GENERAL EXPENSE - SHOP TAP CONS, TIMBER SCREWS & HOSE HANGERS	021717	03/01/17		03/01/17		41.70
	50306	3	01409 3740	TWP. BLDG. - MAINT & REPAIRS WINDOWS	021717	03/01/17		03/01/17		112.10
	50306	4	01409 3745	PW BUILDING - MAINT REPAIRS ALUM.LINE & REEL COMBO, LUMBER & SUBFLOOR	021717	03/01/17		03/01/17		522.15
										1,185.09
800				MACANGA INC.						
	50307	1	01438 3840	EQUIPMENT RENTAL DOZER RENTAL 2/2/17	020217	03/01/17		03/01/17		1,128.00
	50307	2	01454 7300	HERSHEY MILL DAM REPAIR DOZER & TRUCK RENTALS 2/1/17 H.M.	020217	03/01/17		03/01/17		2,648.00
										3,776.00

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808	50308	1	01402 3110	MAILLIE FALCONIERO & CO. AUDITING EXPENSE PARTIAL BILLING 2016 FINAN.STMTS.	1000062089	03/01/17		03/01/17		5,097.00
										5,097.00
813	50309	1	01409 3745	MAIN LINE CONCRETE PW BUILDING - MAINT REPAIRS CONCRETE - NEW FUEL CABINET PAD & CURB - REPAIR SIDEWALK	399148	03/01/17		03/01/17		443.00
										443.00
2889	50311	1	01430 2330	MARSH CREEK SIGNS VEHICLE MAINT AND REPAIR LETTERING - 3 TRUCKS	10846	03/01/17		03/01/17		2,156.00
										2,156.00
1641	50313	1	01430 2330	NAPA AUTO PARTS VEHICLE MAINT AND REPAIR BATTERY	2-692089	03/01/17		03/01/17		97.79
	50314	1	01430 2330	VEHICLE MAINT AND REPAIR INSPECTION BOOK	2-691544	03/01/17		03/01/17		9.95
										107.74
3334	50315	1	01486 1560	NATIONWIDE EMPLOYEE BENEFITS HEALTH, ACCID. & LIFE FEBRUARY 2017 PREMIUM	021517	03/01/17		03/01/17		3,642.64
	50315	2	01213 1010	VOL. LIFE INSURANCE W/H FEBRUARY 2017 PREMIUM	021517	03/01/17		03/01/17		145.40
										3,788.04
1540	50316	1	01452 3710	NELSON, PAMELA ZUMBA ZUMBA INSTRUCT. 11/30/16 - 2/22/17 REGISTRATIONS	022217	03/01/17		03/01/17		1,455.20
										1,455.20
2759	50317	1	01430 2330	NEW HOLLAND GROUP VEHICLE MAINT AND REPAIR IMPACT PAD	1191745-1	03/01/17		03/01/17		19.32
										19.32



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1554				OFFICE DEPOT						
	50318	1	01401 2100	MATERIALS & SUPPLIES BANKER CARTONS	894609239001	03/01/17		03/01/17		69.99
	50319	1	01401 2100	MATERIALS & SUPPLIES FLOOR MAT	902450661001	03/01/17		03/01/17		116.65
	50320	1	01401 2100	MATERIALS & SUPPLIES CALENDARS	893108061001	03/01/17		03/01/17		74.37
	50321	1	01401 2100	MATERIALS & SUPPLIES DAILY PLANNER REFILL	893108063001	03/01/17		03/01/17		4.75
	50322	1	01401 2100	MATERIALS & SUPPLIES SELF INKING STAMP	893108062001	03/01/17		03/01/17		17.99
	50323	1	01401 2100	MATERIALS & SUPPLIES PENS, LABELS, SELF-INKING DATER, CLIPBOARDS, POST-IT NOTES & TONER	893107711001	03/01/17		03/01/17		321.88
	50324	1	01401 2100	MATERIALS & SUPPLIES BINDERS, INDEX TABS, LABEL TAPE	902450333001	03/01/17		03/01/17		47.66
	50325	1	01401 2100	MATERIALS & SUPPLIES CONNECTOR CORD	899965462001	03/01/17		03/01/17		4.36
	50326	1	01401 2100	MATERIALS & SUPPLIES INK CARTRIDGES, HANGING FOLDER TABS	901117036001	03/01/17		03/01/17		55.21
	50327	1	01401 2100	MATERIALS & SUPPLIES POP-UP NOTES, BATTERY BACKUPS, CORD HANDSET, STENO PADS & TONER	899965390001	03/01/17		03/01/17		505.09
	50328	1	01401 2100	MATERIALS & SUPPLIES CREDIT - EXEC.CHAIR RETURN	893042773001	03/01/17		03/01/17		-489.99
	50329	1	01401 2100	MATERIALS & SUPPLIES CREDIT - MID-BACK CHAIR RETURN	892821898001	03/01/17		03/01/17		-349.99
-----										377.97
1022				PATTERSON, MICHAEL J.						
	50330	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS FENCE REPAIR	020317	03/01/17		03/01/17		500.00
-----										500.00
2986				PENNBC REGION 1						
	50332	1	01487 4600	TRAINING & SEMINARS-EMPLY G.ALTHOUSE & V.DIMARTINI - TRAINING COURSE - WILLOW GROVE 3/16/17	022217	03/01/17		03/01/17		50.00
-----										50.00
1052				PENNONI ASSOCIATES INC.						
	50333	1	01408 3130	ENGINEERING SERVICES SERV.THURU 1/22/17 GENERAL CONSULT.	732275	03/01/17		03/01/17		29.75
	50335	1	01408 3131	ENGINEER.& MISC.RECHARGES SERV.THURU 1/22/17 GOSHEN MEADOWS	732280	03/01/17		03/01/17		50.00
	50336	1	01408 3131	ENGINEER.& MISC.RECHARGES SERV.THURU 1/22/17 RENEHAN	732282	03/01/17		03/01/17		44.00

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01	GENERAL FUND									
1052	PENNONI ASSOCIATES INC.									
50337	1	01408	3131	ENGINEER. & MISC.RECHARGES SERV.THRU 1/22/17 NEW KENT APT.	732283	03/01/17		03/01/17		73.75
50338	1	01408	3131	ENGINEER. & MISC.RECHARGES SERV.THRU 1/22/17 GOSHEN FIRE CO.	732288	03/01/17		03/01/17		44.00
50339	1	01408	3131	ENGINEER. & MISC.RECHARGES SERV.THRU 5/29/16 GOSHEN MEADOWS	696614	03/01/17		03/01/17		921.25
										1,162.75
1005	PENNSYLVANIA ONE CALL SYSTEM									
50341	1	01438	3840	EQUIPMENT RENTAL MONTHLY ACTIVITY FEE - JANUARY 2017	0000714007	03/01/17		03/01/17		22.70
										22.70
1785	PENNSYLVANIA STATE POLICE									
50340	1	01401	3000	GENERAL EXPENSE R17464603 DEBHAM BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
50340	2	01401	3000	GENERAL EXPENSE R17464658 WOLFSON BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
50340	3	01401	3000	GENERAL EXPENSE R17464705 MAHONEY BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
50340	4	01401	3000	GENERAL EXPENSE R17464785 BEECH BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
50340	5	01401	3000	GENERAL EXPENSE R17464859 DILKS BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
50340	6	01401	3000	GENERAL EXPENSE R17464916 KARDULES BACKGRD CHECK	020217	03/01/17		03/01/17		8.00
										48.00
2342	POWERPRO EQUIPMENT									
50344	1	01436	2450	STORMWATER MATERIALS & SUPPLIES 40" & 46" LINT, DUNRITE SAND, ONE TON BAG & 1/2" REB	P15092	03/01/17		03/01/17		250.15
50345	1	01436	2450	STORMWATER MATERIALS & SUPPLIES WINTER A 1A1CS	2C100032	03/01/17		03/01/17		15.50
50346	1	01436	2450	STORMWATER MATERIALS & SUPPLIES 3 CASES KEYSTONE & 4 CASES DUNRITE - WATERVIEW INLETS	2C100049	03/01/17		03/01/17		148.45
										414.10

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1161				REILLY & SONS INC						
	50349	1	01430 2320	VEHICLE OPERATION - FUEL 847.4 GALLONS DIESEL	117953	03/01/17		03/01/17		1,498.20
	50350	1	01430 2320	VEHICLE OPERATION - FUEL 259.2 GALLONS DIESEL	117446	03/01/17		03/01/17		460.60
										1,958.80
1203				SAFETY-KLEEN CORPORATION						
	50351	1	01430 2330	VEHICLE MAINT AND REPAIR REMOVE 55 GAL.DRUM-USED OIL FILTERS & 55 GAL.DRUM WASTE OIL FILTERS	72640897	03/01/17		03/01/17		100.83
										100.83
3459				SASS-MOORE SERVICE CORPORATION						
	50352	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS SERVICE AGRMT. 2/1/17-1/31/18	020717	03/01/17		03/01/17		6,500.00
										6,500.00
2121				SHERWIN-WILLIAMS CO.						
	50353	1	01437 2460	GENERAL EXPENSE - SHOP SAFETY YELLOW	6706-8	03/01/17		03/01/17		18.36
										18.36
3120				STTC SERVICE TIRE TRUCK CTRS INC.						
	50355	1	01430 2330	VEHICLE MAINT AND REPAIR ALL TERRAIN TIRES (4)	V16786-17	03/01/17		03/01/17		986.80
										986.80
2813				TELTHORSTER, RUBY						
	50358	1	01452 3711	PILATES PILATE INSTRUCT.- EARLY WINTER 2017	022317	03/01/17		03/01/17		289.00
										289.00
2257				THOMAS COMITTA ASSOCIATES INC.						
	50356	1	01414 3050	ZONING CONSULTANTS LERTA FEASIBILITY STUDY 3/3-10/17/16	021517-1	03/01/17		03/01/17		3,427.85
	50357	1	01414 3050	ZONING CONSULTANTS LERTA FEASIBILITY STUDY 10/17/16 - 1/31/17	021517-2	03/01/17		03/01/17		2,257.20
										5,685.05

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3773				URBINE, MARY						
	50361	1	01462 2490	MATERIALS & SUPPLIES PERIOD CLOTHING FABRIC & PATTERNS	022117	03/01/17		03/01/17		109.18
	50361	2	01462 3000	MEMBERSHIPS/SUBS MEMBERSHIP-CHADDS FORD HISTORIC SOC	022117	03/01/17		03/01/17		50.00
	50361	3	01462 5000	EVENTS CCHS - 3 EVENTS	022117	03/01/17		03/01/17		48.48
-----										207.66
2273				VERIZON - 0527						
	50362	1	01409 3605	PW BLDG - FUEL,LIGHT,SEWER & WATER FEBRUARY 15 - MARCH 14, 2017	021517-0527	03/01/17		03/01/17		190.63
-----										190.63
2868				VERIZON-1420						
	50363	1	01409 3840	DISTRICT COURT EXPENSES FEBRUARY 16 - MARCH 15, 2017	021617-1420	03/01/17		03/01/17		80.81
-----										80.81
2050				VILLAGE MEDICAL						
	50365	1	01487 1500	MISC. EMPLOYEE BENEFITS HEP B & A TITRE - W.MINAHAN	00138588-00	03/01/17		03/01/17		87.00
-----										87.00
1470				WESTTOWN TOWNSHIP						
	50366	1	01410 5310	REGIONAL POLICE BLDG INTEREST FEBRUARY 2017 - INTEREST	022817	03/01/17		03/01/17		1,197.29
	50366	2	01410 5320	REGIONAL POLICE BLDG PRINCIPAL FEBRUARY 2017 - PRINCIPAL	022817	03/01/17		03/01/17		9,166.67
-----										10,363.96
2940				WIRELESS ZONE						
	50367	1	01437 2460	GENERAL EXPENSE - SHOP OTTERBOX FOR IPHONE - DUSTY	W1285IN3868	03/01/17		03/01/17		55.00
	50368	1	01401 3210	COMMUNICATION EXPENSE OTTERBOX FOR IPHONE - G.THOMPSON	W1285IN3858	03/01/17		03/01/17		55.00
-----										110.00

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
03		SINKING FUND								
3551				MCMAHON ASSOCIATES INC.						
	50312	1	03460 7406	PAOLI PK.TRAIL - SEGMENT F PROF.SERVICE JAN.2017 SEGMENTS F & G	152035	03/01/17		03/01/17		7,242.50
	50312	2	03460 7407	PAOLI PK.TRAIL - SEGMENT G PROF.SERVICE JAN.2017 SEGMENTS F & G	152035	03/01/17		03/01/17		7,242.50
										14,485.00
1052				PENNONI ASSOCIATES INC.						
	50334	1	03409 7400	CAPITAL REPLACEMENT-TWP BLDG SERV.THROUGH 1/22/17 TWP.BLDG. ROOF	732276	03/01/17		03/01/17		2,692.00
										2,692.00



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MARP05 run by BARBARA 4 : 34 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
3043	50310	1	05422 2441	MAIN POOL & CHEMICAL COMP. INC. R.C. COLLEC.-CHEMICALS 2200 GALS. ALUMINM SULFATE SOLUTION & 147 50LB BAGS SODIUM CARBONATE LITE	1759110	03/01/17		03/01/17		4,779.00
										4,779.00
2827	50331	1	05420 3602	PECO - 04725-43025 C.C. COLLECTION -UTILITIES 04725-43025 1/7-2/7/17 WYLPN PUMP	020917	03/01/17		03/01/17		724.93
										724.93
1005	50341	2	05422 3701	PENNSYLVANIA ONE CALL SYSTEM R.C. COLLEC.-MAINT.& REPR MONTHLY ACTIVITY FEE - JANUARY 2017	0000714007	03/01/17		03/01/17		22.70
	50341	3	05420 3701	C.C. INTERCEPT.-MAINT.&REPR MONTHLY ACTIVITY FEE - JANUARY 2017	0000714007	03/01/17		03/01/17		22.69
										45.39
1087	50342	1	05420 3702	PIPE XPRESS INC. C.C. COLLEC.-MAINT.& REPR. PVC CONDUIT PIPE, ELBOWS & COUPLING	83558	03/01/17		03/01/17		60.94
	50343	1	05420 3702	C.C. COLLEC.-MAINT.& REPR. VENT CAPS, FEMALE ADAPTERS, PLUGS, PRIMER & CLEAR CEMENT	83875	03/01/17		03/01/17		325.41
										386.35
1876	50347	1	05420 3702	RANSOME RENTAL COMPANY LP C.C. COLLEC.-MAINT.& REPR. MINI-EXCAVATOR, COUPLER, HEXBRK & HAMMER RENTAL 1/13-1/16/17	K2122501	03/01/17		03/01/17		794.00
										794.00
3772	50348	1	05364 1000	REILLY, JOSEPH REVENUE - SEWER FEES REFUND - DUPLICATE SEWER PAYMENT	022117	03/01/17		03/01/17		103.28
										103.28
2914	50359	1	05422 4500	TOWLER, SCOTT A. R.C. STP-CONTRACTED SERV. SERVICE RE: RCSTP - JANUARY 2017	17-010131-2	03/01/17		03/01/17		16,176.56
										16,176.56

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MARP05 run by BARBARA 4 : 34 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
3217				TRI-STATE TECHNICAL SALES CORP.						
	50360	1	05422 3700	R.C. STP-MAINT.& REPAIRS FIELD SERVICE - REPAIR VALVE	PCI1269832	03/01/17		03/01/17		960.00
										960.00
2439				VERIZON -7041						
	50364	1	05422 3601	R.C. COLLEC.-UTILITIES FEBRUARY 7 - MARCH 6, 2017	020717-7041	03/01/17		03/01/17		203.59
										203.59



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MARP05 run by BARBARA 4 : 34 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06				REFUSE						
241				C.C. SOLID WASTE AUTHORITY						
	50256	1	06427 4502	LANDFILL FEES WEEK 2/2/17 - 2/7/17	46363	03/01/17		03/01/17		3,736.53
	50257	1	06427 4502	LANDFILL FEES WEEK 1/23/17 - 1/31/17	46294	03/01/17		03/01/17		7,350.64
										11,087.17
3771				LEAKE, JOHN & KAREN						
	50297	2	06364 2000	REVENUE - REFUSE FEES REFUND FOR DUPLICATE UTILITY PYMT.	022117	03/01/17		03/01/17		70.35
										70.35

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
09		Sewer Capital Reserve Fund								
694				J&L BUILDING MATERIALS INC						
	50291	1	09409 7450	MACHINERY/EQUIPMENT - NEW TRIM & SIDING FOR SODA ASH BLDG.	03853792	03/01/17		03/01/17		570.99
	50292	1	09409 7450	MACHINERY/EQUIPMENT - NEW TRIM & SIDING FOR SODA ASH BLDG.	03860175	03/01/17		03/01/17		310.32
										881.31
1896				SPRINGER BROTHERS INC						
	50354	1	09409 7450	MACHINERY/EQUIPMENT - NEW INSTALL SIDING - SODA ASH BLDG.	15956	03/01/17		03/01/17		2,740.00
										2,740.00
										136,807.58
0 Printed, totaling										136,807.58

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	76,983.88	GENERAL FUND
03	03	17,177.00	SINKING FUND
05	05	27,867.87	SEWER OPERATING
06	06	11,157.52	REFUSE
09	09	3,621.31	Sewer Capital Reserve Fund
		136,807.58	

PERIOD SUMMARY

Period	Amount
1703	136,807.58
	136,807.58

Report Date . 03/02/17

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MARP05 run by BARBARA 4 : 33 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
2226				21ST CENT.MEDIA-PHILLY #884433						
	50370	1	01401 3400	ADVERTISING - PRINTING	1249854	03/02/17		03/02/17		109.93
				NOTICE - EGT PAOLI CORRIDOR MTG						
	50370	2	01401 3400	ADVERTISING - PRINTING	1251054	03/02/17		03/02/17		63.31
				NOTICE - HERSHEY MILL DAM						
-----										173.24
1657				AQUA PA						
	50371	1	01409 3605	PW BLDG - FUEL,LIGHT,SEWER & WATER	022117 PW	03/02/17		03/02/17		169.90
				000496917 0309798 1/19-2/17/17 PW						
	50372	1	01409 3600	TWP. BLDG. - FUEL, LIGHT, WATER	022117 TB	03/02/17		03/02/17		129.90
				000309828 0309828 1/19-2/17/17 TB						
	50373	1	01409 3600	TWP. BLDG. - FUEL, LIGHT, WATER	022117 FR	03/02/17		03/02/17		193.00
				000309820 0309820 1/19-2/17/17 FR						
-----										492.80
2912				CONTINENTAL FIRE & SAFETY INC.						
	50379	1	01430 2320	VEHICLE OPERATION - FUEL	G1616	03/02/17		03/02/17		420.00
				RACING FUEL FOR SMALL ENGINES						
-----										420.00
2233				DEIHM SERVICES						
	50380	1	01430 2330	VEHICLE MAINT AND REPAIR	6147	03/02/17		03/02/17		133.57
				PAINT - 2017 FORD F350						
-----										133.57
3613				DELAWARE VALLEY HEALTH TRUST						
	50381	1	01486 1560	HEALTH,ACCID. & LIFE	12602	03/02/17		03/02/17		35,606.18
				MARCH 2017 PREMIUM - MED & RX						
	50381	2	01213 1000	DENTAL INSURANCE W/H	12602	03/02/17		03/02/17		856.37
				MARCH 2017 PREMIUM - DENTAL						
-----										36,462.55
2075				ELVERSON SUPPLY COMPANY						
	50382	1	01433 2450	MATERIALS & SUPPLIES - SIGNS	286153	03/02/17		03/02/17		3,168.00
				36 4X4 CEDAR LUMBER						
-----										3,168.00



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MARP05 run by BARBARA

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
1641				NAPA AUTO PARTS						
50392	1	01430	2330	VEHICLE MAINT AND REPAIR OIL, FUEL & AIR FILTERS	2-692466	03/02/17		03/02/17		431.28
50393	1	01430	2330	VEHICLE MAINT AND REPAIR BATTERY CORE RETURN	2-692393	03/02/17		03/02/17		-18.00
50394	1	01430	2330	VEHICLE MAINT AND REPAIR BAKELIGHT & HEAVY DUTY TOGGLE	2-692467	03/02/17		03/02/17		14.87
50395	1	01430	2330	VEHICLE MAINT AND REPAIR BATTERY	2-692484	03/02/17		03/02/17		94.62
										522.77
2759				NEW HOLLAND GROUP						
50396	1	01430	2330	VEHICLE MAINT AND REPAIR BRAKE KITS & ROTOR ASSMBLY TRUCK#3	1195622	03/02/17		03/02/17		269.49
										269.49
1876				RANSOME RENTAL COMPANY LP						
50401	1	01432	3840	SNOW - EQUIPMENT RENTAL WHEEL LOADER RENTAL 1/24-2/21/17	K20927-03	03/02/17		03/02/17		4,211.00
										4,211.00
1161				REILLY & SONS INC						
50398	1	01430	2320	VEHICLE OPERATION - FUEL 394 GALLONS DIESEL	118480	03/02/17		03/02/17		704.87
										704.87
2121				SHERWIN-WILLIAMS CO.						
50403	1	01409	3745	PW BUILDING - MAINT REPAIRS 50 GALS.PAINT - HARVESTER	7553-3	03/02/17		03/02/17		573.40
										573.40
3766				SWI SERVICE WHOLESALE INC.						
50399	1	01409	3745	PW BUILDING - MAINT REPAIRS SIMPSON HANGERS & JOIST NAILS	00630379	03/02/17		03/02/17		158.78
50400	1	01409	3745	PW BUILDING - MAINT REPAIRS I-JOISTS, RIM BOARD & DELIVERY	00630384	03/02/17		03/02/17		2,174.06
										2,332.84

Report Date. 03/02/17

Expenditures Register  
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MARP05 run by BARBARA 4 : 33 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
3774				TESTA, KRISTY						
	50404	1	01367 3507	LEARN TO SKATE	022717	03/02/17		03/02/17		220.00
				REFUND - LEARN TO SKATE -(2)						
										220.00
1983				YALE ELECTRIC SUPPLY CO						
	50405	1	01409 3840	DISTRICT COURT EXPENSES	S107265329.001	03/02/17		03/02/17		375.78
				CIRCUIT BREAKERS						
										375.78

Report Date: 03/02/17

Expenditures Register  
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MARP05 run by BARBARA 4 : 33 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
1658				AQUA PA						
	50375	1	05420 3602	C.C. COLLECTION -UTILITIES 000300141 0300141 1/19-2/17/17 GH	022117 GH	03/02/17		03/02/17		16.00
	50376	1	05420 3602	C.C. COLLECTION -UTILITIES 000363541 0357724 1/19-2/17/17 BK	022117 BK	03/02/17		03/02/17		16.00
										32.00
241				C.C. SOLID WASTE AUTHORITY						
	50377	2	05422 4502	R.C. SLUDGE-LAND CHESTER WEEK 2/16/17 - 2/22/17	46496	03/02/17		03/02/17		678.71
	50378	2	05422 4502	R.C. SLUDGE-LAND CHESTER WEEK 2/8/17 - 2/14/17	46427	03/02/17		03/02/17		569.50
										1,248.21
2121				SHERWIN-WILLIAMS CO.						
	50402	1	05422 3701	R.C. COLLEC.-MAINT.& REPR 1 GALLON PAINT - RCSTP	7099-7	03/02/17		03/02/17		53.39
										53.39

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Expenditures Register  
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MARP05 run by BARBARA 4 : 33 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06		REFUSE								
241				C.C. SOLID WASTE AUTHORITY						
	50377	1	06427 4502	LANDFILL FEES WEEK 2/16/17 - 2/22/17	46496	03/02/17		03/02/17		5,080.33
	50378	1	06427 4502	LANDFILL FEES WEEK 2/8/17 - 2/14/17	46427	03/02/17		03/02/17		4,464.89
										9,545.22

0 Printed, totaling 68,133.98

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	57,255.16	GENERAL FUND
05	05	1,333.60	SEWER OPERATING
06	06	9,545.22	REFUSE
		68,133.98	

PERIOD SUMMARY

Period	Amount
1703	68,133.98
	68,133.98



**PLGIT 1107.1010**

DATE	DESCRIPTION	TOTAL	1401.2100	1401.3070	1407.2130	1430.2330	1487.4600	1409.3745	1437.2460	1452.3000
<b>RICK SMITH</b>										
12/27/2016	WP ENGINE	29.00			29.00					
12/28/2016	AT&T DATA - IPAD Chuck's old IPAD	14.99			14.99					
1/5/2017	AT&T DATA - IPAD Chuck & Janet	30.00			30.00					
1/17/2017	PENN STATE AG CONFERENCE - Mark Gordon	20.00					20.00			
1/18/2017	PSATS - Convention	1,450.00		1,450.00						
1/20/2017	Deluxe - 1099 forms	59.19	59.19							
1/21/2017	Malwarebytes	59.99			59.99					
1/27/2017	WP ENGINE	29.00			29.00					
		<b>\$1,692.17</b>								
<b>MARK MILLER</b>										

12/29/2016	AT&T DATA - IPAD Steve W.	30.00			30.00					
1/5/2017	PEPBOYS - Cleaners & fresheners	116.12				116.12				
1/12/2017	EAST COAST STORAGE - Bins	1,070.00						1,070.00		
1/24/2017	EAST COAST STORAGE - Bins	460.00						460.00		
1/26/2017	PEPBOYS - Cleaners & fresheners	125.99				125.99				
		<b>\$1,802.11</b>								

**JASON LANG**

1/6/2017	GIANT - Planning Commision - Snacks, cups & plates	49.94	49.94							
1/11/2017	DICK'S SPORTING GOODS - Ping Pong Table	329.99								329.99
1/19/2017	PRPS - Park & Recreation Conference	375.00								375.00
1/19/2017	WALMART - Paddles for Ping Pong	29.36								29.36
1/23/2017	HERSHEY LODGE - Lodging for conference	99.35								99.35
		<b>\$883.64</b>								
	<b>GRAND TOTAL</b>	<b>4,377.92</b>	<b>109.13</b>	<b>1,450.00</b>	<b>192.98</b>	<b>242.11</b>	<b>20.00</b>	<b>1,530.00</b>	<b>0.00</b>	<b>833.70</b>

4,377.92

J/E's made

Add to Master Cred.Card List

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

Date: February 28, 2017  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Sunoco Remediation Report

We received the Remedial Action Progress Report for the Fourth Quarter of 2016 from Sunoco and 1 of the monitoring wells (MW 7B) which is located on the Sunoco Property has a MTBE reading above the State Limit (20 ug/l).

The executive summary is attached and a complete copy of the report is available for review at the Township Building.

F:\Data\Shared Data\Property Management\53-4\53-4-2 (1431 Paoli Pike)\Sunoco\Memo to BOS 022817.doc

**ENVIRONMENTAL  
ALLIANCE, INC.**

February 8, 2017

- *Engineering*
- *Remediation*
- *Consulting*

Ms. Lauren Mapleton  
Pennsylvania Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: REMEDIAL ACTION PROGRESS REPORT  
SUNOCO STATION #0004-7969  
1425 PAOLI PIKE  
WEST CHESTER, PA  
PADEP FACILITY ID No. 15-20353**

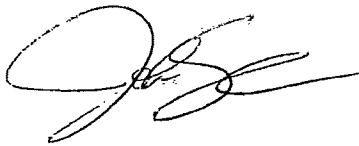
FEB 21 2017

Dear Ms. Mapleton:

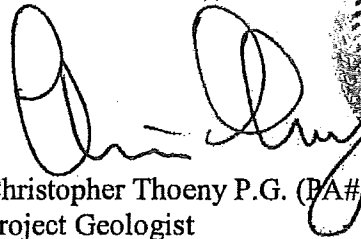
Enclosed please find the Remedial Action Progress Report prepared by Environmental Alliance, Inc. (Alliance) on behalf of Sunoco, Inc. for the above referenced site. This report is based on PA Code Title 25 Chapter 245 Requirements and presents a summary of the analytical results from the most recent groundwater sampling event conducted at this site on October 5, 2016.

Please feel free to contact me if you have any questions or comments regarding this project.

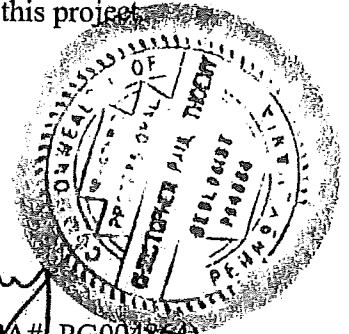
Sincerely,  
**ENVIRONMENTAL ALLIANCE, INC.**



John Shannon  
Project Scientist



Christopher Thoeny P.G. (PA# PG004864)  
Project Geologist



Enclosure

c: Bill Brochu – Sunoco, Inc. (R&M) ENFOS  
ICF International – T. Aubel (Claim #06-186) via email  
Goodman Properties - Phil Gray – Phoenix GeoEnvironmental, LLC  
Rick Smith – East Goshen Township

877.234.1141 • [www.envalliance.com](http://www.envalliance.com)

5341 Limestone Road  
Wilmington, DE 19808  
302.234.4400

150 Blades Lane, Ste R  
Glen Burnie, MD 21060  
410.729.9000

515 Plainfield Avenue, Ste 202  
Edison, NJ 08817  
732.537.0250

8215 Hermitage Road  
Henrico, VA 23228  
804.658.5550

**Remedial Action Progress Report  
Fourth Quarter 2016  
Sunoco Station # 0004-7969  
1425 Paoli Pike  
West Chester, PA**

**GENERAL INFORMATION**

Sunoco Remediation Associate: Consultant:	Bill Brochu Environmental Alliance, Inc. (Alliance) 5341 Limestone Road Wilmington, DE 19808
Alliance Program Manager:	Joe Rossi
Alliance Project Manager:	Chris Thoeny
PADEP Case Manager:	Lauren Mapleton – PADEP Southeast Regional Office
PADEP Facility ID#:	15-20353
County:	Chester
Municipality:	East Goshen Township

**SITE OVERVIEW**

- ◆ The site is an active retail gasoline station and A-Plus convenience store.

**SITE HISTORY**

- ◆ In July of 1989, Sunoco retained Groundwater and Environmental Services, Inc. (GES) to conduct a hydrogeologic investigation upon the acquisition of the Site. GES installed four monitoring wells, collected soil samples, and completed an initial groundwater sampling event. Analytical results indicated the presence of total BTEX and total petroleum hydrocarbons (TPH) in the two samples that were located nearest the underground storage tank (UST) field.
- ◆ In the fall of 1989, Sunoco upgraded the UST system onsite. Upgrade activities included: the removal of four 4,000 gallon steel USTs which were replaced with three 10,000 gallon fiberglass USTs and the removal of two 550 gallon heating and waste oil tanks that were replaced with two 275 gallon aboveground storage tanks (ASTs).
- ◆ In December 1992 and January 1993, Sunoco completed service station upgrades, which included the abandonment of the on-site water supply well.
- ◆ In January 1995, the Pennsylvania Department of Environmental Resources (PADER) issued a letter in which no further investigative activities were deemed necessary. Subsequently, all monitoring wells were abandoned by B. L. Myers on January 27, 1995.
- ◆ In October 2006, Sunoco upgraded the dispensers and product piping at the Site. During upgrade activities contamination was detected beneath one of the dispensers and was confirmed through a grab soil sample. Benzene was detected above Pennsylvania

- Department of Environmental Protection (PADEP) statewide health standard (SHS) and a notice of release (NOR) was submitted to the PADEP by Alliance on October 16, 2006.
- ◆ On January 17<sup>th</sup> and 18<sup>th</sup>, 2007, Alliance conducted soil borings and the installation of four monitoring wells. The monitoring wells were sampled on February 6<sup>th</sup> and April 25<sup>th</sup>, 2007.
  - ◆ In August 2007, Alliance submitted a Site Characterization Report (SCR) to the PADEP. The SCR was disapproved based on further site characterization being needed.
  - ◆ On September 19<sup>th</sup> and 20<sup>th</sup>, 2007, Alliance installed an additional four monitoring wells to help further delineate any potential migration of contaminants of concern.
  - ◆ In accordance with a letter from the PADEP dated March 3, 2008, Alliance conducted an extensive well search, in which no drinking wells were identified between the Site and the closest down-gradient sensitive receptor, Ridley Creek.
  - ◆ On September 3, 2008, Alliance installed two offsite monitoring wells and one onsite monitoring well. The offsite wells (MW-9 and MW-10) were installed for further horizontal delineation of potential contaminants of concern. The onsite well (MW-7B) was installed for vertical delineation of potential contaminants of concern.
  - ◆ In December 2008, a slug test was performed on monitoring well MW-7B to calculate the hydraulic conductivity of the bedrock aquifer beneath the site.
  - ◆ On May 27<sup>th</sup> and 28<sup>th</sup>, 2009 Alliance installed additional overburden and shallow bedrock wells at off site (MW-9 and 9B, MW-10 and 10B, and MW-11 and MW-11B) and onsite locations (MW-2B and MW-8B).
  - ◆ On November 3<sup>rd</sup> through 5<sup>th</sup>, 2009 Alliance installed additional monitoring wells onsite (MW-12, MW-12B and MW-5B) and off site (MW-13 and 13B and MW-14 and 14B).
  - ◆ On November 9, 2009, Alliance submitted a Status Report for Site Characterization to the PADEP.
  - ◆ On February 1, 2010, Alliance submitted a Site Characterization Report (SCR) to the PADEP selecting the Site Specific Standard (SSS) as the clean up standard for the site. The SCR was approved by the PADEP in a letter dated April 21, 2010.
  - ◆ On June 10, 2010, Alliance submitted a Remedial Action Plan (RAP) to the PADEP in which a groundwater pump and treat remediation system was selected as the remedial strategy for the site. The RAP was approved by the PADEP in a letter dated July 21, 2010.
  - ◆ Start up/shake down procedures for the groundwater remediation system were initiated on June 15, 2010. The permanent operation date for the groundwater remediation system was June 28, 2010.
  - ◆ Routine Operation and Maintenance (O&M) of the remediation system was initiated following permanent operation.
  - ◆ On August 28, 2012, Alliance submitted a request to PADEP by e-mail on behalf of Sunoco, to modify the groundwater sampling plan during active remediation to a reduced list of wells. PADEP agreed to a reduced groundwater sampling plan per an August 28, 2012 e-mail. The following wells were removed from the quarterly groundwater sampling scope MW-2 & 2B; MW-5 & 5B; MW-9 & 9B; MW-10 & 10B; MW-13 & 13B. The wells were left in place, secured with a water tight manhole and locking well plug.

- ◆ A Notice of Intent (NOI) was submitted to PADEP on September 6, 2012, for renewal of the NPDES Permit, to continue operation of the remediation system. Coverage under the statewide permit was extended in a letter from PADEP dated October 24, 2012.
- ◆ On September 27 2012, Alliance installed a regenerative air blower at the Site to aid in sub-surface remediation. The blower was installed in the remediation shed, and tied into piping runs connected to MW-7B. The purpose of the blower was to provide additional hydraulic influence at well MW-7B and possibly extract hydrocarbon vapors from the de-watered bedrock surrounding MW-7B. All extracted vapors were passed through activated vapor-phase granular carbon prior to discharge to the atmosphere.
- ◆ Per the November 26, 2013 letter submitted to PADEP (Notification of Suspension of Remedial Actions), the remediation system was temporarily shutdown on December 31, 2013. Per the notification, the system would remain off for at least one quarter while the aquifer response is evaluated.
- ◆ The remediation system was restarted on April 18, 2014.
- ◆ On December 31, 2014, the remediation system was shut down indefinitely to further evaluate baseline MTBE concentrations and trends at the Site.
- ◆ On March 29, 2016, monitoring wells MW-5, MW-6, MW-9 and MW-9B were abandoned by a Pennsylvania licensed well driller (Eichelberger's Inc.). These wells were abandoned based on a potential conflict with the proposed installation of a Sunoco pipeline along East Boot Road. Abandonment was approved by PADEP via email correspondence dated March 15, 2016.
- ◆ On September 9, 2016, monitoring well MW-5B was abandoned by a Pennsylvania licensed well driller (Eichelberger's Inc.). This well was abandoned based on a potential conflict with the proposed installation of a Sunoco pipeline along East Boot Road.

### SITE INFORMATION

Well Specifications:	Eleven 2-inch diameter overburden monitoring wells (MW-1 through MW-4, MW-7, MW-8, MW-10 through MW-14); Six 2-inch diameter shallow bedrock wells (MW-2B, MW-10B, MW-11B, MW-12B, MW-13B, & MW-14B); Two 6-inch diameter deep wells (MW-7B, & MW-8B).
Geology:	Soils consist of greenish gray and orange clay and micaceous silt underlain by Precambrian age, medium grained felsic gneiss. Depth to bedrock reported during drilling ranged from 20-feet (MW-14B) to 48-feet (MW-8B). Bedrock is gradationally overlain by a thick mantle of saprolite identified in most borings.
Groundwater Elevation:	Overburden: 79.77 feet (MW-12) to 73.68 feet (MW-14). Shallow Bedrock: 79.79 feet (MW-12B) to 73.71 feet (MW-14B).
Hydraulic Gradient:	Shallow: 0.010 feet per foot to the northeast. Deep: 0.011 feet per foot to the northeast.
Hydraulic Conductivity:	4.75 feet per day (shallow); 1.75 feet per day (deep).
Groundwater Sampling Frequency:	Quarterly.

Analytical Method: Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Methyl tertiary-butyl ether (MTBE), Isopropylbenzene, Naphthalene via Environmental Protection Agency (EPA) Method 8260B.

Soil Quality: Soil quality data from October 2006 dispenser sampling indicated Benzene above SHS at sample *Disp/Line 2*. Soil quality data from well installation in January 2007, indicated MTBE above SHS at MW-3 (11-12 feet).

Separate-Phase Hydrocarbons: Separate-phase hydrocarbons (SPH) have never been detected in the site monitoring wells.

### **RISK ASSESSMENT**

Potentially Sensitive Receptors: There are 34 known wells identified by the Environmental Data Resources, Inc. radius report (utilizing the Federal and Pennsylvania well databases) within a 0.5-mile radius. The East Branch of Ridley Creek lies approximately 900 feet northeast of the site.

Closest Known Well: One Federal Public Supply well was identified within a one-half mile radius to the east of the site.

Municipal Water Supply: Aqua Pennsylvania, Inc.

### **SITE ACTIVITIES THIS REPORTING PERIOD**

- ◆ A groundwater sampling event was completed on October 5, 2016 and included collection of liquid-level data and collection of groundwater quality samples from MW-1, MW-3, MW-4, MW-7, MW-7B, MW-11, MW-11B, MW-12, MW-12B, MW-14, and MW-14B (per reduced scope).
- ◆ Maps depicting groundwater elevation and analytical data for the shallow (overburden) and deep (shallow bedrock) monitoring wells are included as **Figures 1 and 2**, respectively. Historical groundwater elevation and analytical data are summarized in **Table 1**. A copy of the laboratory results is included in **Appendix A**. Graphs showing the concentration history of MTBE at select monitoring wells are presented in **Appendix B**.
- ◆ The remediation system remained off for the fourth quarter 2016. Therefore, no discharge monitoring reports were submitted in October, November, or December 2016 in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit for the Site.

### **REMEDIATION SYSTEM INFORMATION**

- ◆ Type of System: Vacuum Enhanced Groundwater Extraction (VEGE).
- ◆ Permanent Operation Dates:
  - Groundwater: June 28, 2010 to December 31, 2013; April 18, 2014 to December 31, 2014.

- SVE: September 27, 2012 to December 23, 2012; March 19, 2013 to December 31, 2013; May 22, 2014 to December 31, 2014.
- ◆ Extraction Points: MW-1, MW-2, and MW-7B.
- ◆ Extraction Points Utilized: MW-7B.
- ◆ Recovery Equipment: Grundfos ES-7 Electric Submersible Pump & Gast R4 SVE blower.
- ◆ Liquid-Phase Treatment Equipment: GeoTech Lo-Profile Air Stripper, (2) 200 lb. liquid granular activated carbon (LGAC) vessels.
- ◆ Vapor-Phase Treatment Equipment: Vapor-phase granular activated carbon.
- ◆ Groundwater Discharge Location: Storm Sewer.
- ◆ Approximate gallons pumped and treated this Reporting Period: 0
- ◆ Average Groundwater Recovery Rate this Reporting Period: 0 GPM.
- ◆ Total Groundwater Recovered through December 31, 2014: 3,665,497 gallons.
  - Totalizer replaced 04/18/14 at 1,363,333 gallons.
- ◆ Total Dissolved-Phase MTBE Recovered through December 31, 2014: 128.19 pounds.

### **FUTURE SITE ACTIVITIES**

- ◆ Quarterly groundwater monitoring and sampling will continue using the August 28, 2012 revised sampling plan. The next sampling event is scheduled for January 2017.
- ◆ Operation of the remediation system has been suspended as of December 31, 2014 to evaluate non-pumping aquifer conditions.
- ◆ Based on the suspension of operation of the remediation system monthly No-Discharge Monitoring Reports (DMR) will be submitted.

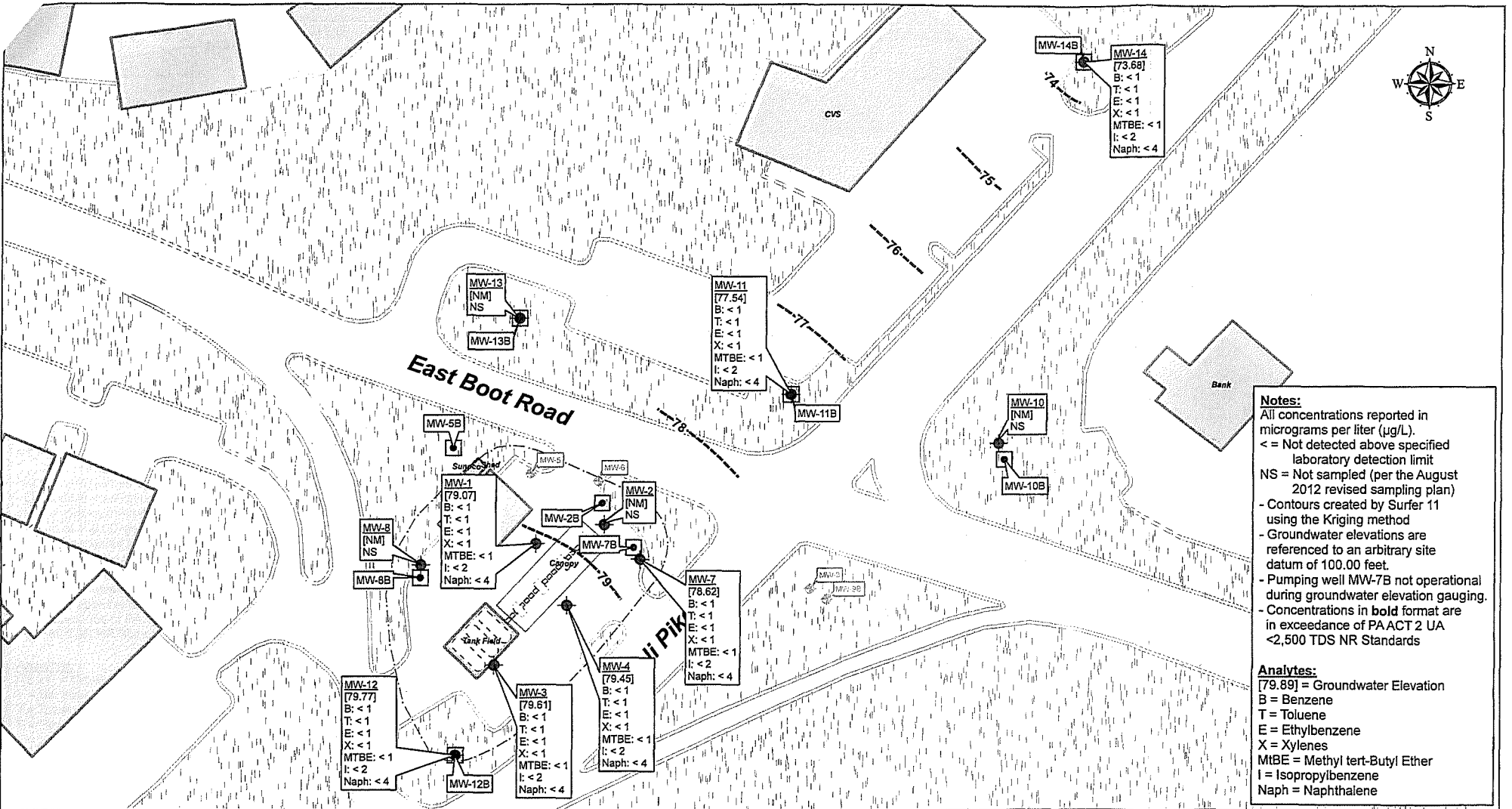
### **ATTACHMENTS**

- Figure 1 Groundwater Analytical and Gradient Map - Overburden (Shallow) Wells  
October 5, 2016
- Figure 2 Groundwater Analytical and Gradient Map - Shallow Bedrock (Deep) Wells  
October 5, 2016
- Table 1 Groundwater Elevation Data and Analytical Summary
- Appendix A Groundwater Sampling Laboratory Analytical Reports
- Appendix B Groundwater Concentration Graphs

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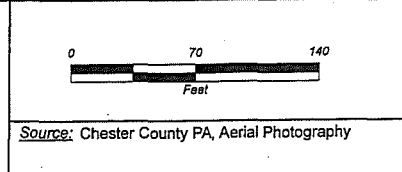
11/14/2016 3:09:20 PM - G:\EPA\Project\CG Project\SUNOCO\199-Paoli\Fig15-10-05199-GW\_Ovr\_Grad-10-05-16.mxd



**Notes:**  
All concentrations reported in micrograms per liter (µg/L).  
< = Not detected above specified laboratory detection limit  
NS = Not sampled (per the August 2012 revised sampling plan)  
- Contours created by Surfer 11 using the Kriging method  
- Groundwater elevations are referenced to an arbitrary site datum of 100.00 feet.  
- Pumping well MW-7B not operational during groundwater elevation gauging.  
- Concentrations in bold format are in exceedance of PA ACT 2 UA <2,500 TDS NR Standards

**Analytes:**  
[79.89] = Groundwater Elevation  
B = Benzene  
T = Toluene  
E = Ethylbenzene  
X = Xylenes  
MTBE = Methyl tert-Butyl Ether  
I = Isopropylbenzene  
Naph = Naphthalene

Legend	
	Shallow Bedrock Monitoring Well
	Overburden Monitoring Well
	Abandoned Monitoring Well
	Groundwater Contour (ft)
	Edge of Pavement/Curb
	Approximate Property Boundary
	Product Line
	Canopy
	Dispenser
	Tank Field
	UST
	Vegetation



**Environmental Alliance, Inc.**  
5341 Limestone Road, Wilmington, DE 19808  
Phone: (302) 234-4400 • Fax: (302) 234-1535

Sunoco Facility #15-20353 1425 Paoli Pike West Chester, PA 19380 East Goshen Township, Chester County			
Groundwater Analytical & Gradient Map Overburden (Shallow) Wells October 5, 2016			
DESIGNED BY: JR	DRAWN BY: SKJ	UPDATED BY: ---	FIGURE NO. 1
APPROVED BY: JA	PROJECT NO. 2199	DATE: 11/14/2016	

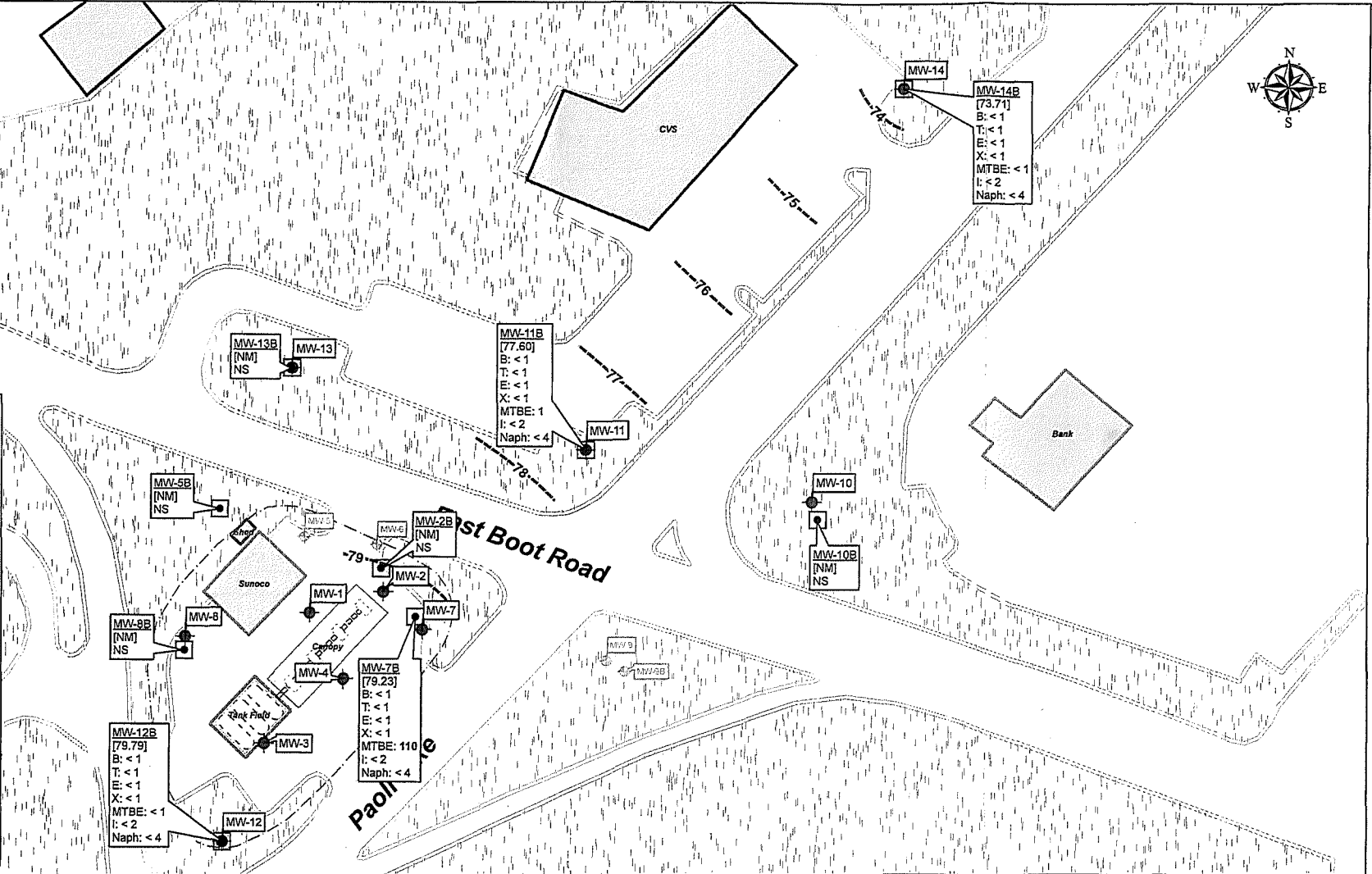
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**Notes:**  
 All concentrations reported in micrograms per liter (µg/L).  
 < = Not detected above specified laboratory detection limit  
 NS = Not sampled (per the August 2012 revised sampling plan)  
 NM = Not Measured  
 - Groundwater elevations are referenced to an arbitrary site datum of 100.00 feet.  
 - Contours created by Surfer 11 using the Kriging method  
 - Pumping well MW-7B not operational during groundwater elevation gauging.  
 - Concentrations in **bold** format are in exceedance of PAACT 2 UA <2,500 TDS NR Standards

**Analytes:**  
 [73.21] = Groundwater Elevation  
 B = Benzene  
 T = Toluene  
 E = Ethylbenzene  
 X = Xylenes  
 MTBE = Methyl tert-Butyl Ether  
 I = Isopropylbenzene  
 Naph = Naphthalene

**Legend**

	Shallow Bedrock Monitoring Well		Edge of Pavement/Curb		Canopy		Vegetation
	Overburden Monitoring Well		Approximate Property Boundary		Dispenser		
	Abandoned Monitoring Well		Product Line		Tank Field		
	Groundwater Contour (ft)		Building		UST		



0 70 140  
 Feet

Source: Chester County, PA aerial photography

**Environmental Alliance, Inc.**  
 5341 Limestone Road, Wilmington, DE 19808  
 Phone (302) 234-4400 - Fax (302) 234-1535

Sunoco Facility #15-20353  
 1425 Paoli Pike, West Chester, PA 19380  
 East Goshen Township, Chester County

**Groundwater Analytical & Gradient Map  
 Shallow Bedrock (Deep) Wells  
 October 5, 2016**

DESIGNED BY JR	DRAWN BY DKJ	UPDATED BY ---	FIGURE NO 2
APPROVED BY 	PROJECT NO. 2109	DATE 12/23/2016	



# COMMONWEALTH ENGINEERS, INC.

114 East Lancaster Avenue ~ Second Floor ~ Downingtown, PA 19335  
Telephone: (610) 518-9003 ~ Fax: (610) 518-9004 ~ comeng@cel-1.com

3150-PM-BCW0402 4/2016

February 22, 2017

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

Email: RSmith@eastgoshen.org

Dear Sir/Madam:

The purpose of this notice is to inform you of our intent to submit a National Pollutant Discharge Elimination System (NPDES) Permit application to the Pennsylvania Department of Environmental Protection (DEP) for the following:

Application Type: Chapter 105 Water Obstructions & Encroachment General Permit Registration Form  
GP-5 Utility Line Stream Crossing  
Applicant Name: Gunnison Development Co., LLC  
Address of Applicant: 1200 Burning Bush Lane, West Chester, Pa 19380  
Applicant's Agent: Thomas Tran, P.E., Commonwealth Engineers, Inc.  
Project Name: Brakman Property  
Project Location: 1420 E. Strasburg Road, West Chester, Pa 19380  
Municipality/County: East Goshen Township, Chester County  
Project Description: Connecting proposed sewer line into existing manhole in proximity to Tributary 7 of East Branch Chester Creek

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

The following documents are enclosed:

- Chapter 105 Water Obstructions & Encroachment General Permit Registration Application
- Location Map

Should you have any questions with regard to the permit application, please contact the office below:

PaDEP Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401  
Telephone: 484 250 5970

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

Sincerely,

Thomas Tran, P.E.  
Project Engineer

Via US Mail & Email

G:\ACTIVE JOBS\2015\201541 Brakman Property\01 Administrative Files\10 PaDEP GP-5 Permit\201541 Act 14\_County Letter GP5\_2017-02-22.doc



## CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

<b>PLEASE MARK ("X") ALL THAT APPLY:</b> <input type="checkbox"/> GP-1 Fish Habitat Enhancement Structures <input type="checkbox"/> GP-2 Small Docks & Boat Launching Ramps  <b>Please mark ("X") the specific type of project:</b> <input type="checkbox"/> private recreational dock <input type="checkbox"/> public access facility <input type="checkbox"/> public service facility <input type="checkbox"/> other private or commercial facility <input type="checkbox"/> GP-3 Bank Rehabilitation, Bank Protection and Gravel Bar Removal <input type="checkbox"/> GP-4 Intake and Outfall Structures				<input checked="" type="checkbox"/> GP-5 Utility Line Stream Crossing <input type="checkbox"/> GP-6 Agricultural Crossings & Ramps <input type="checkbox"/> GP-7 Minor Road Crossings <input type="checkbox"/> GP-8 Temporary Road Crossings <input type="checkbox"/> GP-9 Agricultural Activities <input type="checkbox"/> GP-10 Abandoned Mine Reclamation <input type="checkbox"/> GP-11 Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments (reviewed by DEP Regional Office only) <input type="checkbox"/> GP-15 Private Residential Construction in Wetlands			
<input type="checkbox"/> Activity Related to Oil and Gas Exploration, Production or Transmission							
<input type="checkbox"/> Activity Subject to FERC approval (Docket number _____)				<input type="checkbox"/> FERC Natural Gas Act Facility			
<b>SECTION A. APPLICANT INFORMATION</b>							
Applicant's Name / Client Gunnison Development Co., LLC					DEP Client ID# (if known)		Employer ID# (EIN)
<b>Client Information</b> - Please select Client Type / Code from drop down box under the correct entity shown to the right. (or may be written in) →				<input type="checkbox"/> Government		<input type="checkbox"/> Non-Government	<input type="checkbox"/> Individual
Mailing Address 1200 Burning Bush Lane				City West Chester		State PA	ZIP + 4 19380
Contact Person – Last Name First MI Suffix Brandolini Jim			Telephone ( 610- 840-9174		Email Address jbrando@mac.com		
<b>SECTION B. CONSULTANT INFORMATION</b> (Complete if different than above) <input type="checkbox"/> N/A							
Contact Person – Last Name First MI Suffix Tran Thomas				Consultant's Title staff engineer		Consulting Firm Commonwealth Engineers, Inc.	
Mailing Address 114 E. Lancaster Ave., 2nd Fl.				City Downingtown		State PA	ZIP + 4 19335
Telephone (610-5)8-9003		Fax 610-518-9004		Email ttran03@cei-1.com		Employer ID# (EIN)	
<b>SECTION C. PROJECT INFORMATION</b>							
Project /Site Name: Brakman Property					DEP Site ID# (if known or leave blank)		
<b>Client Relationship</b> - Please select Site-to-Client Relationship / Code from drop down box to the right. (or may be written in) →					Double-click on shaded area below to select correct Site-to-Client Relationship / Code ↓		
County Chester		Municipality <input type="checkbox"/> City <input type="checkbox"/> Borough <input checked="" type="checkbox"/> Township			<b>East Goshen</b>		
Site Location / Address 1420 E. Strasburg Rd.				City West Chester		State PA	ZIP + 4 19380
Collection Method: <input type="checkbox"/> EMAP <input checked="" type="checkbox"/> HGIS <input type="checkbox"/> GISDR* <input type="checkbox"/> ITPMP <input type="checkbox"/> GPS <input type="checkbox"/> WAAS <input type="checkbox"/> LORAN Check the horizontal reference datum (or projection datum) employed in the collection method. EMAP and HGIS (PNDI) have known datum and do not require checking here. <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 <input type="checkbox"/> WGS84 (GEO84) Enter the date of collection if coordinates were derived from GPS, WAAS or LORAN. ____ mm ____ dd ____ yyyy							

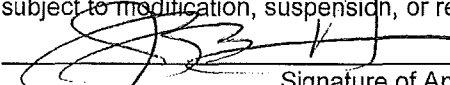
Applicant's Name Gunnison Development Co., LLC	GENERAL PERMIT REGISTRATION		
<b>SECTION D. RESOURCE IDENTIFICATION</b>			
Please place an "X" in the appropriate box to indicate if the applicant has identified that any of these resources may be present at the project site; indicate that no resources were identified or indicate and list those resources which were identified.		Applicant Entry	DEP Use Only
Each General Permit (GP) has a specific set of restrictions and some resources may require certain actions or prohibit the project from being eligible to register use of the GP.			
No resources identified as being present at the project site .....		<input type="checkbox"/>	<input type="checkbox"/>
Resources identified as being present at the project site:			
- trout stocked streams, wetlands		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- _____		<input type="checkbox"/>	<input type="checkbox"/>
- _____		<input type="checkbox"/>	<input type="checkbox"/>
<b>SECTION E. REGISTRATION CHECK LIST AND REQUIREMENTS</b>			
Please place an "X" next to each item (1 - 16) to ensure it is completed and/or provided. Unless otherwise specified, all items are <b>required</b> to ensure a complete Registration package.		Applicant Entry	DEP Use Only
<b>**Provide ONE (1) ORIGINAL and ONE (1) COPY of the Registration package**</b>			
1. General Permit Registration form properly completed and signed:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- I have read the terms and conditions of the GP(s) indicated above.....		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Permit Fee:			
- General Permit Registration Fee .....		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Chapter 105 Fee Calculation Worksheet.....		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Notification sent to the Municipality & County: (copy of General Permit Registration form)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. PASPGP-5 Reporting Criteria Checklist properly completed:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Location Map (USGS quad map) with project site marked:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Color Photographs with dates and descriptions: (see instructions) <span style="float: right;"><input checked="" type="checkbox"/> N/A</span>		<input type="checkbox"/>	<input type="checkbox"/>
7. Stream Name and Chapter 93 Classification: (example: UNT to #40637 HOUSE RUN, HQ-WWF/EV) (TSF, MF) Tributary 7 of East Branch Chester Creek		<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Project Description:			
- Project Description including PNDI avoidance measures (if applicable) Sewer tie-in to existing MH.....		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Aquatic Resource Impacts Table .....		<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Site Specific and/or Standard Drawings depicting the project's GP activities.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Site Plan depicting the site of the project's GP activities. (see Section F.)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Erosion & Sediment Control Plan (E&S Plan) (required for GP-11 only - see instructions)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Written Directions to Project Site:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- southeast on Route 352, right on E. Strasburg Rd., main site is on the left, sewer tie-in is on the right		<input checked="" type="checkbox"/>	<input type="checkbox"/>
- _____		<input type="checkbox"/>	<input type="checkbox"/>
- _____		<input type="checkbox"/>	<input type="checkbox"/>
13. Pennsylvania Natural Diversity Inventory (PNDI):			
Please place an "X" next to the appropriate box indicating the information provided:			
Signed PNDI Receipt showing:			
- "No Known Impacts" .....		<input type="checkbox"/>	<input type="checkbox"/>
- "Avoidance Measures" which have ALSO been incorporated into the project description.....		<input type="checkbox"/>	<input type="checkbox"/>
- "Potential Impacts" AND proof of delivery to the appropriate agency(ies) where further coordination is required.....(clearance letters are included with this submission).....		<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Applicant's Name</b> Gunnison Development Co., LLC	<b>GENERAL PERMIT REGISTRATION</b>		
<b>Please place an "X" next to each item (1 - 16) to ensure it is completed and/or provided.</b> (continued)		<b>Applicant Entry</b>	<b>DEP Use Only</b>
<b>14. Bog Turtle Habitat Screening:</b> <b>Please place an "X" next to the appropriate box indicating the information provided:</b> - Completed Request for a Bog Turtle Habitat Screening Form..... - "No Effect" determination from the Army Corp of Engineers..... - Documented clearance from the US Fish and Wildlife Services..... - N/A due to GP type, wetland impact and/or County of project.....		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>15. Activities which impact wetlands:</b> <b>Please place an "X" next to the appropriate box indicating the information provided:</b> - N/A because no wetland impacts are proposed or no compensatory mitigation is necessary. - A wetland delineation with complete data sheets in accordance with the 1987 Corps of Engineers Wetland Delineation Manual AND the appropriate Regional Supplements to the Corps of Engineers Wetland Delineation Manual for use in Pennsylvania..... - If direct or indirect wetland impacts are greater than 0.05 acres, a compensatory mitigation plan in accordance with the Department's Replacement criteria which provides compensation at a minimum one to one acre ratio. .... <b>- If compensatory mitigation onsite is determined not feasible:</b> A check, number _____, in the amount of \$_____ payable to the National Fish and Wildlife Foundation, N.A. 1237, as compensatory mitigation for _____ acres of impact in wetlands, in accordance with the Pennsylvania Wetland Replacement Project.....		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>16. Registration of a GP-11:</b> <b>Please place an "X" next to the appropriate box indicating the worksheet(s) provided:</b> - N/A because not registering use of GP-11..... - E&S Plan ..... - Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>SECTION F. SITE PLAN</b>			
<b>Please place an "X" next to the appropriate box indicating what is shown on the site plan.</b> Unless otherwise specified in the permit, all items are <b>required</b> to ensure a complete Registration package. <b>All items</b> included on Site Plan..... Items <b>not</b> included on Site Plan and reason: - _____ - _____ - _____		<b>Applicant Entry</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>DEP Use Only</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>SECTION G. IMPACT TABLE</b>			
<b>Please place an "X" next to the appropriate box indicating what is shown on the Impact Table.</b> The <u>Aquatic Resource Impact Table (3150-PM-BWEW0557)</u> worksheet or equivalent is required. <b>All information</b> included on Impact Table ..... Information <b>not</b> included on Impact Table and reason: - Project Information: _____ - Corps / 404: _____ - DEP / 105: _____		<b>Applicant Entry</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>DEP Use Only</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

<b>Applicant's Name</b>	<b>GENERAL PERMIT REGISTRATION</b>
-------------------------	------------------------------------

**SECTION H. CERTIFICATION**

I certify under penalty of law that the information provided in this permit registration is true and correct to the best of my knowledge and information and that I possess the authority to undertake the proposed action. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (If any of the information and/or plans is found to be in error, falsified, and/or incomplete, this authorization/verification may be subject to modification, suspension, or revocation in accordance with applicable regulations.)

 Signature of Applicant/Owner	Feb. 15, 2017 Date
---	-----------------------

\_\_\_\_\_  
 Typed / Printed Name  
**Managing Partner Gunnison Development Co, LLC**  
 \_\_\_\_\_  
 Typed / Printed Title

**PA Fish and Boat Commission Approval (for GP-1 only)**

Signature of Reviewer	Date ( )
Reviewer's Typed / Printed Name	Phone Number
Reviewer's Typed / Printed Title	Email Address

*This General Permit shall not be effective until the owner has had their E&S Plan reviewed by the appropriate Regional Office or District, obtained Federal Authorization and, where required, obtained an SLLA from DEP.*

**AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT REGISTRATION PACKAGE (INCLUDING THE ACKNOWLEDGEMENT LETTER AND TERMS AND CONDITIONS), REQUIRED FEDERAL AUTHORIZATION, AND THE E&S PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.**

**SECTION I. ACKNOWLEDGEMENT - DEP USE ONLY**

**Signatures authorizing acknowledgment to use and register:**

**A. Completeness Review:**

DEP / District Reviewer Signature	Begin Date: _____ Incomplete Date: _____ Response Date: _____ End Date: _____	<b>Completeness Status</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
Reviewer's Typed / Printed Name		

**B. Eligibility Review:**

DEP / District Reviewer Signature	Begin Date: _____ Incomplete Date: _____ Response Date: _____ End Date: _____	<input type="checkbox"/> Deficient - DENIED
Reviewer's Typed / Printed Name		

**C. Decision Review:**

DEP / District Manager Signature	Begin Date: _____ End Date: _____	<b>Disposition Status</b> <input type="checkbox"/> WITHDRAWN <input type="checkbox"/> APPROVED <input type="checkbox"/> RETURNED <input type="checkbox"/> DENIED
Reviewer's Typed / Printed Name		

**D. Contact Information:**

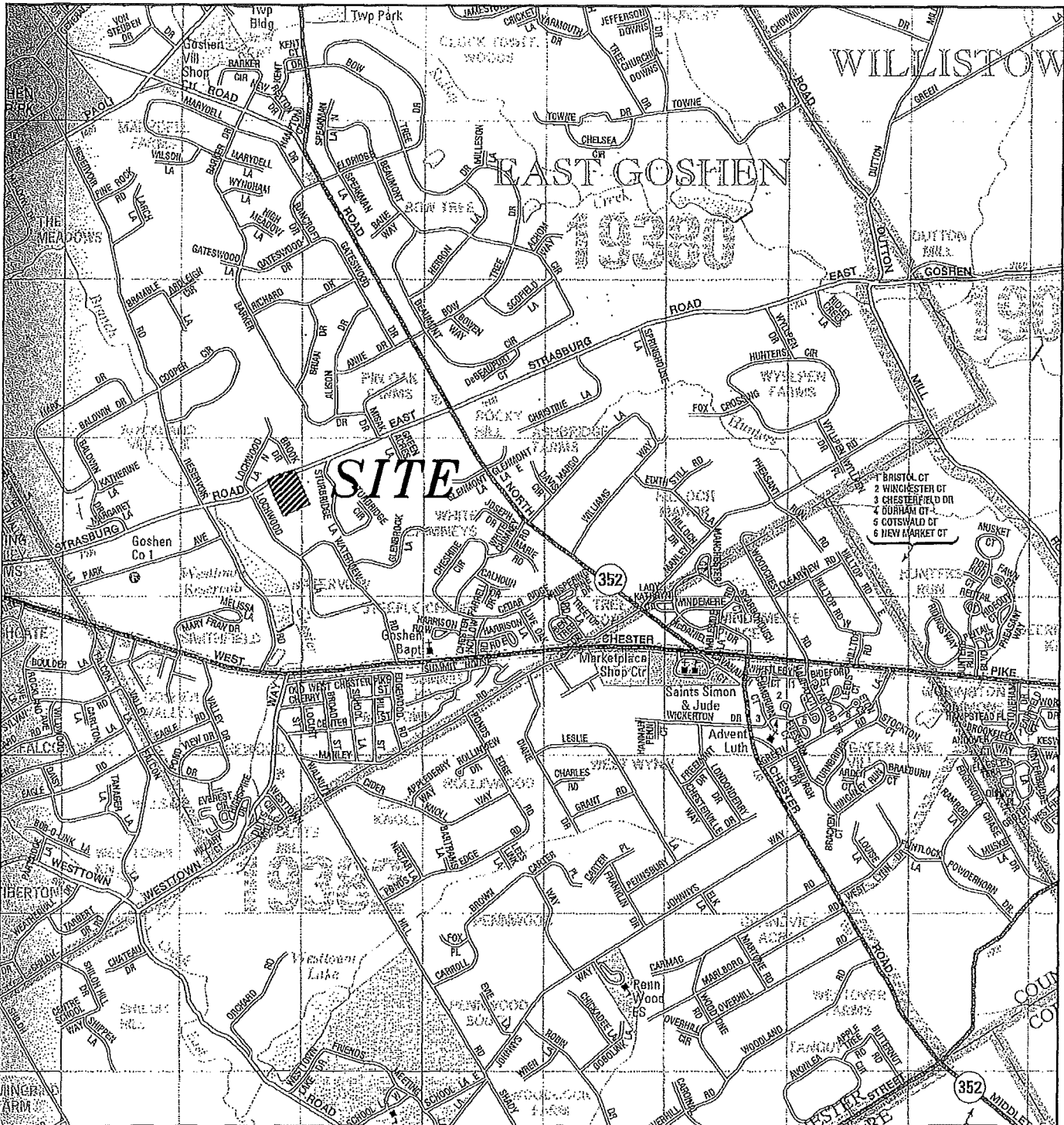
( ) Typed / Printed Name	Phone Number	Email Address
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**E. Permit Tracking:**

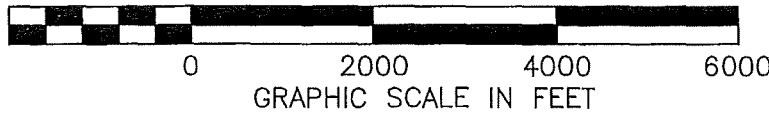
Received \_\_\_\_\_ Acknowledged \_\_\_\_\_ SLLA required:  NO  YES PASPGP-5:  NO  YES  REP  NONREP

GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_

Notes: \_\_\_\_\_



GRAPHIC SCALE 1" = 2000'



LOCATION MAP  
FOR  
**BRAKMAN PROPERTY**

EAST GOSHEN TOWNSHIP CHESTER COUNTY, PA



**COMMONWEALTH ENGINEERS, INC.**

114 EAST LANCASTER AVENUE ~ SECOND FLOOR  
DOWNINGTOWN, PA 19335  
TELEPHONE: (610) 518-9003 ~ FAX: (610) 518-9004  
COMENG@CEI-1.COM

DATE:	NA
SCALE:	AS SHOWN
SURVEY:	NA
DRAWN:	NA
CHECKED:	NA
DRAWING NO.	NA

SHEET:

1