

AGENDA
EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS
Tuesday, September 6, 2016

6:00 PM - Executive Session - Police Personnel Matter and Real Estate Matter

7:00 PM – Public Meeting

1. Call to Order
2. Pledge of Allegiance
3. Moment of Silence – Supervisor Carmen Battavio
4. Ask if anyone is recording the meeting
5. Chairman’s Report
 - a. Announce that the Board met in Executive Session prior to tonight’s meeting to discuss a police personnel matter and a real estate matter.
 - b. Announce that Montajejan Gay has resigned from the Historical Commission
 - c. [Announce the following Minimum Municipal Obligations for the following Pension Plans](#)

Goshen Fire Pension Plan	\$59,720
Township Non-Uniformed Defined Benefit Pension Plan	\$0
Township Non-Uniformed Defined Contribution Pension Plan	\$80,787
Police Administration Non-Uniformed Defined Contribution Pension Plan	\$9,804
6. Public Hearing - none
7. Emergency Services Reports
 - WEGO – none
 - [Goshen Fire Co. – July 2016](#)
 - Malvern Fire Co – none
 - Fire Marshal – none
8. Financial Report – none
9. Old Business
 - a. [Consider proposal from Gannet Fleming for the Milltown Dam](#)
 - b. [Consider proposal from Gannet Fleming for the Hershey Mill Dam](#)
 - c. [Consider recommendation on Smoke Alarms](#)
 - c. [Consider additional information on Recreation Survey](#)

Consider

10. New Business
 - a. [Consider recommendation on Refuse and Recycling Bids](#)
 - b. [Consider recommendation on Roof Replacement Bids](#)
 - c. [Consider recommendation to replace Pick-up Truck](#)
 - d. [Consider recommendation on Financial Security Agreement for Lot 1 in the 1662 East Boot Road Subdivision](#)
 - e. [Consider recommendation on Recreation Payment Portal](#)
 - f. [Consider recommendation on DAS Zoning Ordinance Amendment.](#)
 - g. [Consider Stormwater Agreements for 1553 Colonial Lane, 411 Misak Drive, 922 N. Chester Road and 1507 Grand Oak Lane](#)
11. Any Other Matter

12. Approval of Minutes
 - b. June 28, 2016
 - c. August 16, 2016
13. Treasurer's Report – September 1, 2016
14. Correspondence, Reports of Interest
 - a. WEGO Post-Employment Benefit Liability Disclosure for 2016
 - b. Letter from Public Employee Retirement Commission that East Goshen is not a distressed community
 - c. Letter from HRG advising that West Goshen will be filing a Water Quality Management Part II Permit for improvements at the sewer plant
 - d. Letter from resident about alarm ordinance
 - e. E-mail from DVRPC confirming that the deadline for the TAP Grant has been extended
15. Public Comment – Hearing of Residents
16. Adjournment

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

Dates of Importance

Sep 05, 2016	Labor Day (Office Closed)	All Day
Sep 06, 2016	Board of Supervisors	7:00pm
Sep 07, 2016	Planning Commission	Workshop 6:30pm/Meeting 7:30pm
Sep 08, 2016	Farmers Market/Nutrition Class at Market	3:00pm/3:00pm
Sep 12, 2016	Municipal Authority	7:00pm
Sep 12, 2016	Trail Committee	7:00pm
Sep 13, 2016	Board of Supervisors (Executive Session ABC Interviews)	6:30pm
Sep 14, 2016	Conservancy Board	7:00pm
Sep 15, 2016	Farmers Market/Car Cruise at Market	3:00pm/5:00pm
Sep 15, 2016	Liv Live Concert at Amphitheater	5:00pm
Sep 20, 2016	Applebrook Golf	1:00pm
Sep 20, 2016	Board of Supervisors	7:00pm
Sep 21, 2016	Futurist Committee	7:00pm
Sep 22, 2016	Farmers Market	3:00pm
Sep 29, 2016	Farmers Market	3:00pm
Oct 04, 2016	Board of Supervisors	7:00pm

Newsletter Deadlines for Winter of 2016: November 1

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2017**

NAME OF MUNICIPALITY:
COUNTY:

EAST GOSHEN TOWNSHIP
CHESTER

FIRE
PENSION PLAN

1	TOTAL ANNUAL PAYROLL	\$700,000
	Estimated Payroll	
2	NORMAL COST AS A PERCENTAGE OF PAYROLL	10.79%
	(Derived from latest actuarial valuation)	1/1/15
3	TOTAL NORMAL COST	\$75,530
	(Item 1 x Item 2)	
4	AMORTIZATION REQUIREMENT	\$0
	(Derived from latest actuarial valuation)	
5	TOTAL ADMINISTRATIVE EXPENSES	\$4,488
	(Derived from latest actuarial valuation)	
6	FINANCIAL REQUIREMENT	\$80,018
	(+ Item 3 + Item 4 + Item 5)	
7	TOTAL MEMBERS CONTRIBUTIONS	\$15,750
8	FUNDING ADJUSTMENT	\$4,548
	(Derived from latest actuarial valuation)	
9	MINIMUM MUNICIPAL OBLIGATION	\$59,720
	(+ Item 6 - Item 7 - Item 8)	

Signature of Chief Administrative Officer

Date Certified to Governing Body

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2017**

NAME OF MUNICIPALITY:
COUNTY:

EAST GOSHEN TOWNSHIP
CHESTER

NON-UNIFORMED
PENSION PLAN

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

NOTE: Since the actuarial value of assets exceeds the actuarial present value of future benefits,
there is no financial requirement or municipal obligation required for the year 2017

Signature of Chief Administrative Officer

Date Certified to Governing Body

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2017**

NAME OF MUNICIPALITY: EAST GOSHEN TOWNSHIP
COUNTY: CHESTER

	NON-UNIFORMED(COMM) DEF. CONT.
1. TOTAL ANNUAL PAYROLL (Estimated payroll)	196,088
2. RATE OF CONTRIBUTION AS A % OF PAYROLL (Derived from latest actuarial valuation) 1/1/15	5.00%
3. TOTAL CONTRIBUTION COST (Item 1 times Item 2)	9,804
4. TOTAL ADMINISTRATIVE EXPENSES	0
5. TOTAL FINANCIAL REQUIREMENT (+Item 3 +Item 4)	9,804
6. MINIMUM MUNICIPAL OBLIGATION	9,804

Signature of Chief Administrative Officer

Date Certified to Governing Body

East Goshen
Year to Date Statistics
 Goshen Fire Company Services 2016

Fire Police	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
East Goshen													
Night Calls	6	2	4	4	1	6	4						27
Day Calls	10	5	10	10	13	10	11						69
Duration of 2 Hours +	1				1	3	1						6
Crew Total	60	26	62	54	44	71	38						355
TRF54 responses	5	2	5	2	2	5	1						22
TRF54 mileage	29	7	35	16	10	28	8						133
UTL54 responses	1			3	1	1	0						6
UTL54 mileage	6			16	4	4	0						30
Total Calls	16	7	14	14	14	16	15						96
Person Hours	52	23	40	34	40	141	35						365
AFA	2	1	3	3	3	2	7						21
Ambulance Assist	3		1	1	2		2						9
Appliance		1					1						2
Assist PD			1										1
Brush					1								1
Building			1		1								2
CO Alarm		1	1	1			1						4
Dwelling			1			1							2
Electrical Fire Inside	1												1
Fire	3			1		1	1						6
Gas Leak				1									1
MVA	5	3	5	5	2	5	1						26
Odor Investigation						1	2						3
Pedestrian Struck					1								1
Rescue						1							1
Smoke in Building	1												1
Special Duty	1					4							5
Traffic Control Assist		1			1								2
Transformer				1	1	1							3
Trees & Wires			1		2								3
Vehicle Fire						1							1

Ambulance	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
For East Goshen Only													
Number of Calls	204	175	163	186	159	187	166						1240
Hours in Service	173.9	147.8	132.5	165.0	142.6	156.1	136.5						1054.4
Person Hours in Service	367.9	304.4	282.3	349.9	310.3	335	292						2241.8
Patients Treated (total)	168	152	132	162	141	155	141						1051
Patients Treated-65 & over	140	120	109	136	118	125	121						869
Total Numbers YTD													
Calls	322	282	287	296	279	310	284						2060

Ambulance	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
For East Goshen Only													
Number of Calls	204	175	163	186	159	187	166						1240
Hours in Service	173.9	147.8	132.5	165.0	142.6	156.1	136.5						1054.4
Person Hours in Service	367.9	304.4	282.3	349.9	310.3	335	292						2241.8
Patients Treated (total)	168	152	132	162	141	155	141						1051
Patients Treated-65 & over	140	120	109	136	118	125	121						869
Total Numbers YTD													
Calls	322	282	287	296	279	310	284						2060
Career Only Crews (61%)	198	189	172	175	162	191	176						1263
Blended Crews (17%)	50	42	39	43	57	63	70						364
Volunteer Only Crews (22%)	74	51	76	78	60	65	38						442
Patients Treated Total	258	234	231	247	224	244	229						1667
Patients Treated-Age 65 & over	195	163	161	188	170	175	169						1221
Patient Treated (Total) by ALS Units													
CCH Medic 91	55	50	41	42	46	56	45						335
Malvern Medic 4	29	29	21	32	18	17	19						165
Total Patients transported	223	206	204	218	200	215	202						1468
Calls No Patients were transported	99	76	83	78	79	95	82						592
Career Hours in Service	350.6	345.3	293.1	326.5	305.3	340.7	342						2303.5
Volunteer Hours in Service	206.3	133.9	182.7	201	196.9	184.9	141						1246.7
Fire													
East Goshen													
Number of Calls	36	14	22	12	16	19	24						143
Total Numbers YTD													
Calls	74	29	54	35	37	44	51						324
Station 54 (Park Ave) District	44	18	33	28	24	27	34						208
Station 56 (Boot Rd) District	30	11	21	7	13	14	17						113
Total Firefighter Responding	673	278	578	326	314	372	450						2991
Average Turnout	10	10	11	10	9	9	9						68
Staff Hours	300.64	79.06	331.26	136.65	116.08	125.72	173.48						1262.89
Total Time in Service	33:35:13	8:29:10	27:28:58	15:39:53	13:14:00	15:15:52	19:19						133:02:06
Property Value	\$ 5,100.00	\$ 4,000,000.00	\$ 5,500,000.00	\$ 850,000.00	\$ 6,508,400.00	\$ 5,500.00	\$ 7,125,000.00						\$ 23,994,000.00
Property Loss	\$ 5,100.00	\$ 8,600.00	\$ 463,000.00	\$ 2,000.00	\$ 9,400.00	\$ 5,500.00	\$ 150,825.00						\$ 644,425.00
Property Saved	\$ -	\$ 3,991,400.00	\$ 5,037,000.00	\$ 772,000.00	\$ 6,499,000.00	\$ -	\$ 6,974,175.00						\$ 23,273,575.00
Firefighter Injuries	0	0	0	0	0	0	0						0
Civilian Injuries	0	0	0	0	0	0	0						0



Excellence Delivered **As Promised**

TABLED TO
9-6-16

August 12, 2016

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
Development of Permitting Documents for Partial Breach of Milltown Dam**

As requested by East Goshen Township (Township), we are pleased to provide the enclosed scope and fee proposal for professional engineering services needed to prepare and submit applicable permit application(s) for the reclassification of Milltown Dam (DEP ID No. D15-146) to a low-hazard structure. The following provides our understanding of the project and presents our detailed scope of work and assumptions for the project.

UNDERSTANDING OF THE PROJECT

East Goshen Township owns and operates Milltown Dam as a recreational facility. The dam is currently classified as a high hazard (C-1) structure and the Spillway Design Flood is currently established as the 1/2 Probable Maximum Flood (PMF). Under a cover letter from the Pennsylvania Department of Environmental Protection, Bureau of Waterways Engineering and Wetlands (DEP Division of Dam Safety) dated June 17, 2014, the Township was notified that Milltown Dam has inadequate spillway capacity to pass the Spillway Design Flood from the contributing 6.3 square mile drainage area. As a result of this notification, the Township performed a detailed study which evaluated numerous options for bringing the structure into compliance with current dam safety regulations as well as a decommissioning option and a "partial breach" option which involves reducing the height and storage capacity of the structure to a point where the structure can be reclassified as a low hazard dam which will in turn reduce the conveyance capacity requirements of the spillway.

During a public meeting on June 28, 2016, the Township chose to pursue the partial breach option and requested Gannett Fleming (GF) to prepare a scope and fee estimate to prepare permit documents for this activity.

Gannett Fleming, Inc.

P.O. Box 67100 • Harrisburg, PA 17106-7100 | 207 Senate Avenue • Camp Hill, PA 17011-2316
t: 717.763.7211 • f: 717.763.8150
www.gannettfleming.com

SCOPE OF SERVICES

The following provides our understanding of the scope of services and our proposed work plan for preparing permit documents associated with the reclassification of Milltown Dam to a low hazard structure. The approach provided herein was discussed with DEP Division of Dam Safety on August 11, 2016 to confirm the design and permitting requirements. The design concept involves lowering the top of dam elevation to the existing sediment levels within the reservoir. In doing so, the storage volume of the reservoir is eliminated and the remaining structure can be classified as a low hazard dam. The existing concrete spillway will also be lowered to a point at or near the existing sediment level and configured such that normal flows will be retained within the stream channel. However, larger storms will be allowed to flow over the lowered embankment portions of the dam. The design will document that the remaining embankment portions of the dam are stable to receive flows up to and including the 100-year event. DEP's preferred approach is to allow the stream to naturally form through the dewatered reservoir. To support this approach, the reservoir will be operated in a dewatered condition for approximately one year to allow the sediments within the reservoir to consolidate, dewater and become vegetated. Once the reservoir is stabilized, the lowering of the dam embankment may occur.

Item 1. Hydrologic and Hydraulic Analyses: Gannett Fleming will complete hydrologic and hydraulic analyses to size erosion protection for the partial breach of Milltown Dam and to evaluate floodplain management considerations. Engineering services under this item will include:

1. A site visit to gather relevant information on the downstream hydraulic controls and potential downstream hazard areas.
2. Use of the previously-developed HEC-1 model to evaluate discharges at the dam for the 100-year and other more frequent flood events. Comparisons will be made to peak discharges estimated using the USGS Regression Equations. Attenuation provided by the existing and proposed dam will be evaluated and documented.
3. Development of a hydraulic model (HEC-RAS) of the East Branch Chester Creek through Milltown Dam. Geometry for the model will be based on best available terrain data and measurements of downstream hydraulic structures obtained during the field visit. Ground or bathymetric survey is not expected to be needed for this task and is not included within this scope of services.
4. Hydraulic model runs to evaluate velocity over the modified embankment for the design of erosion protection. Hydraulic model runs for the 100-year peak discharge will also be performed to evaluate floodplain impacts
5. Documentation of analyses. A letter report will be prepared to document the hydrologic and hydraulic analyses.

6. Coordination and participation in meeting with PADEP. The purpose of the meeting will be present the results of the hydrologic and hydraulic analyses.

Item 2. Environmental and Permitting Services: It is anticipated that the proposed project will alter the normal pool elevation and involve modifications to the existing dam, both of which represent work within waters of the Commonwealth. As such, DEP Division of Dam Safety and the U.S. Army Corps of Engineers (USACE) will require East Goshen Township to obtain a permit to authorize the proposed project in accordance with Chapter 105 Dam Safety and Encroachment and Section 404 of the Clean Water Act. The following tasks are proposed based on the requirements of the state and federal laws to obtain a permit for the proposed project.

1. PNDI Search Request and Agency Coordination. GF will generate an on-line request through the Pennsylvania Natural Diversity Index (PNDI) Search Request to the PA Department of Conservation and Natural Resources (DCNR), Pennsylvania Fish & Boat Commission (PFBC), U.S. Fish & Wildlife Service (USFWS) and the Pennsylvania Game Commission (PGC) for information regarding the presence/absence of rare, threatened, or endangered state/federal species within the project area. Copies of the coordination efforts and agency responses are required to be submitted in the project permit application materials. The PNDI Search Request results are valid for two years.
2. Wetlands and Waterways Investigations. GF will investigate the proposed project area(s) and limits of disturbance for unmapped wetlands and waterways habitat. GF assumes that the proposed project study area(s) will total no more than 20 acres of surface area. GF will identify and delineate palustrine wetland boundaries in the field with uniquely labeled survey flagging using methods described in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region, Version 2.0, U.S. Army Corps of Engineers, April 2012. Wetland and waterway features will be mapped using GPS technology with sub-meter accuracy. Data points will be exported into a GIS or CADD file to present features on existing project drawings. Wetland habitats will be assigned a Cowardin classification (1977).

Wetland function and value assessments will be performed at each wetland location using the methods outlined in The Highway Methodology Workbook Supplement, Wetland Functions and Values A Descriptive Approach, USACE New England District (NEDEP-360-1-30a 1995).

The results of the wetlands and waterways field work will be presented in a report for use by the project planners and regulatory agencies. The Wetland Identification and Delineation Report will include a description of the project study area, background information, investigation methods used, wetland datasheets, photo logs, site mapping, tabularized coordinates of mapped features,

and function and value sheets. This report will be used to support future permitting efforts.

3. Phase I Bog Turtle Report. Chester County is within the known range of the bog turtle. Based on a preliminary review of aerial photography, wetlands are expected to occur within and immediately adjacent to the proposed project area. Wetlands and waterways identified within the proposed project area and within the 300-foot action area will be evaluated for potential bog turtle habitat according to the U.S. Fish and Wildlife Service (USFWS) field procedures (April 2006). GF will prepare a Phase 1 Bog Turtle Habitat Survey Report in anticipation that it will be submitted to the United States Fish & Wildlife Service (USFWS) and Pennsylvania Fish & Boat Commission (PFBC) when the project applies for permits and seeks regulatory agency authorization to implement the project. If a Phase II Bog Turtle Survey is needed, a separate scope and price would be generated.
4. Coordination with Pennsylvania Historic and Museum Commission. Coordination with the Pennsylvania Historic and Museum Commission (PHMC) will consist of a Cultural Resource Notice (CRN) to determine the presence/absence of historic structures and or archaeological resources within the project area. The CRN will include a project narrative, site location map, existing and proposed conditions drawings and site photographs. GF assumes that no historic or cultural resources of significance occur within the project area and no surveys are required. If PHMC determines that potential historic or cultural resources exist, GF will develop and submit a separate scope and cost estimate to complete the Historic Resources Survey Form (HRSF), if needed.
5. Pre-Application Meeting and Preliminary Jurisdictional Determination. GF will coordinate a pre-application meeting with the state and federal agencies to meet on-site and discuss the project before a permit application is submitted. The pre-application meeting allows for a discussion of concerns and requirements from the regulatory agencies before project plans and designs are advanced. This is an opportunity for East Goshen Township and GF to hear agency requirements and concerns in developing a permit application for their review. The main discussion topics include; the purpose and need for the project; its environmental impacts; efforts to avoid and minimize impacts, possible mitigation options; and long-term plans for the property

Prior to the pre-application meeting, GF will submit the Wetland and Waterways Identification and Delineation Report to the USACE and DEP to request a field visit at the time of the pre-application meeting to review the delineation boundaries in order to obtain a Preliminary Approved Jurisdictional Determination from the USACE. Any changes to the field boundaries will be re-located using a GPS unit with sub-meter accuracy.

6. Environmental Assessment. GF will complete an environmental assessment as part of the permit application process. This assessment will include an evaluation of streams and aquatic resources which may be impacted by the project. Our team's aquatic ecologists have taxonomic certifications for macroinvertebrate identification. The aquatic community analyses will define the assemblage of stream, pond, and lake life to serve as the baseline condition. A focus on water quality, substrate, and the macroinvertebrate community will indicate the potential for future utilization of the stream reach by fish and other aquatic life. The Gannett Fleming team will obtain scientific collector's permits and fishing licenses to conduct studies and surveys that require the collection of aquatic life.

Perennial streams will be evaluated and surveyed for benthic macroinvertebrates in accordance with the Rapid Bioassessment Protocols (RBP) for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates, and Fish (2nd Edition) (Barbour et al, 1999). Two 100-meter (approximately 330-foot) sampling reaches will be identified, evaluated, and surveyed for macroinvertebrates along the downstream and upstream locations of Milltown Reservoir. The Rapid Bioassessment Physical Characterization/Water Quality and Habitat Assessment Field Data Sheets for low gradient and high gradient streams, as applicable, will be completed while at sampling reach locations (Barbour et al, 1999). Water quality measurements will be recorded using a YSI 556 water meter. Water quality samples will be collected during the field assessments to provide data for:

- Temperature
- Dissolved Oxygen (DO)
- Turbidity
- pH
- Hardness
- Specific Conductance, and
- Oxidation Reduction Potential (ORP)
- Total Suspended Solids (TSS)
- Total Dissolved Solids (TDS)

A laboratory will be used to confirm TSS and TDS readings. Field meters will be calibrated prior to use and this effort will be recorded on field data logs.

Macroinvertebrates will be collected using a D-frame dip net and the kick-netting method for D-frame dip nets as described in the RBP for Single and Multi-Habitat Approaches for macro-invertebrate collection. The macroinvertebrate collection will consist of 20 kicks per sampling reach. For each sampling reach, the collections from all 20 kicks will be composited into one sample and stored in 95% denatured ethanol. Rapid Bioassessment Benthic Macroinvertebrate Field Data Sheet will be completed in the field following completion of macroinvertebrate collection (Barbour et al, 1999). For quality control, a duplicate

macroinvertebrate sample will be collected at a randomly selected sampling reach to represent 10% of the total sampling effort within the project area.

7. **Mitigation Plan.** Environmental impacts are unknown at this time and the required mitigation, if any, will not be defined until the pre-application meeting is held with the reviewing agencies. Once the required mitigation has been established by the reviewing agencies, a separate scope and fee to prepare a mitigation plan will be provided to the Township. It is assumed that all mitigation can be established onsite.
8. **Permit Application Package (Dam Permit Application).** GF will prepare and assemble the permit application package for East Goshen Township's review and signature. Since the project will alter the top of dam and normal pool elevations, a Dam Permit Application is anticipated thru DEP Division of Dam Safety to authorize this project.
9. In addition to the Dam Permit Application which will be submitted to DEP Division of Dam Safety, the project will require erosion control plan approval from the Chester County Conservation District. GF will prepare an erosion and sediment control plan for the project to control sediment-laden runoff from the project site. It is anticipated that the majority of the project site will be permitted under Chapter 105 by DEP Division of Dam Safety and the remaining area (if any) to be permitted under Chapter 102 will be less than one acre. Consequently, it is assumed that a NPDES Permit for Stormwater Discharges Associated with Construction Activities will not be required.

Item 3. Preparation of Conceptual Layout for Reducing Hazard Classification: A conceptual layout of the dam modifications will be prepared and shared with the Township (refer to Item 4) prior to advancing the plan into final design. The conceptual plan will be prepared to a level necessary to develop an estimate of construction costs.

Item 4. Township Meeting: The concept plan and the preliminary results of the environmental investigations and hydraulic analysis as well as preliminary construction costs will be compiled and shared with the Township. Comments from the Township will be considered before advancing the concept plan into final design and permitting. The scope and fee provided herein assumes GF will attend one public meeting to discuss progress completed to date.

Item 5. Development of Permit Drawings: GF will prepare drawings and technical specifications for the reclassification of Milltown Dam to a level needed to support the permit applications described within this proposal.

1. Drawings will be prepared of the partial breach. The following drawings are anticipated:

Cover Sheet
Overall Existing Conditions Plan and General Notes
Existing Conditions Plan of Milltown Dam
Demolition Plan
Project Alignment and Survey Control Plan
Proposed Conditions Plan – Dam
Profile and Cross Sections of Dam (Two Sheets)
Miscellaneous Details (Four Sheets)
Erosion and Sediment Control Plan (Five Sheets)
Site Stabilization Plan (One Sheet)

This scope and fee assumes that the valve house will no longer be needed following the reduction in the dam height. Those portions of the valve house located above finished grade will be demolished and the remaining portions of the valve house shall be abandoned in place by backfilling with concrete. The enclosed scope and fee estimate assumes that stream restoration will not be required as part of this project.

2. Technical specifications will be prepared for the work described on the drawings. Specification will either be placed on the drawings or provided in CSI format.
3. It is assumed that one easement will be required from the downstream property owner to allow for construction access and/or to facilitate construction activities. The property boundary survey performed by GF in January 2016 coupled with property information from other sources is expected to be adequate for the preparation of said easement. GF will prepare an easement plat, including a description of the easement boundary, for the Township's use in securing said easement from the downstream property owner.

ASSUMPTIONS

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

1. The Township will coordinate and secure all approvals necessary to allow Gannett Fleming to access the Property.
2. GF assumes that any environmental surveys, beyond a Phase I bog turtle survey, for protected species would require a separate scope and price.
3. GF assumes that the wetland and stream fieldwork can be accomplished in five days and that Township authorization will allow field work to occur during the growing season.
4. GF assumes that any mitigation plan (i.e., wetlands, waterways, etc.) would require a separate scope and price.
5. This scope of services assumes that no suitable bog turtle habitat exists within or near the project area and a Phase 2 Bog Turtle Survey will not be necessary. If a Phase 2 Survey is required, GF will develop and submit a separate scope and cost of services for review and

- approval. GF anticipates one field day to evaluate wetland areas for potential bog turtle habitat.
6. A stream mitigation plan will not be required.
 7. GF assumes that permit application and impact fees would be waived for a municipality or will be paid by the Township and are not included within the fee estimate.
 8. Gannett Fleming does not guarantee approval of permit applications.
 9. It is anticipated that construction access to the work area will be from Reservoir Road (Township Highway) and not be from a State highway. Consequently, a PennDOT Highway Occupancy Permit will not be required.
 10. This scope and fee estimate does not include preparation of bid documents or bidding and construction phase services.

COMPENSATION

Our proposed lump sum fee, as described within this proposal letter, is as follows:

Hydrologic and Hydraulic Analysis:	\$17,100
Environmental Investigations:	\$45,900
Pre-Application Meeting:	\$5,600
Development of Concept Plans and Township Meeting:	\$8,100
<u>Development of Permit Documents:</u>	<u>\$46,700</u>
Total Lump Sum Fee:	\$123,400

SCHEDULE

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

- The hydraulic analysis will begin immediately. The modeling will be taken to a point needed to confirm the conceptual design within three months from receiving notice to proceed.
- Environmental investigations will begin immediately. Field work and agency coordination (i.e., PNDI coordination, cultural resource notification and PFBC coordination) will be conducted within two months of receiving notice to proceed.
- A conceptual layout of the proposed dam modifications will be prepared in conjunction with the hydraulic analysis and will be shared with the reviewing agencies as part of the pre-application meeting. It is assumed that a pre-application meeting can be scheduled with the regulatory agencies within one month following the completion of the hydraulic analysis (pending the availability of the reviewing agencies)
- The conceptual plan and the results of the pre-application meeting will be shared with the Township following the pre-application meeting
- Permit applications will be prepared within two months following the Township meeting.

Task	Month	1				2				3				4				5				6				7			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Notice to Proceed																													
Hydraulic Analysis																													
Environmental Investigations																													
Pre-Application Meeting ¹⁾																													
Develop Concept Plan																													
Township Meeting																													
Develop Permit Documents																													

1. Pre-Application meeting will be dependent upon availability of the reviewing agencies.

These services can be provided under our current Master Services Agreement. Should the Township choose to secure our services to prepare permit application(s) for the partial breach of 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. Paul Schweiger of our office at 717-763-7212, extensions 2828 and 2504, respectively. We thank you for the opportunity to provide this proposal and look forward to continuing our relationship with the Township.

Sincerely,

GANNETT FLEMING, INC.
 Environmental Resources Division

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



Excellence Delivered **As Promised**

TABLED TO

9-6-16

August 12, 2016

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
Development of Permit Documents for Decommissioning of Hershey's Mill Dam**

As requested by East Goshen Township (Township), we are pleased to provide the enclosed scope and fee proposal for professional engineering services needed to prepare and submit applicable permit application(s) for the decommissioning of Hershey's Mill Dam (DEP ID No. D15-125). The following provides our understanding of the project and presents our detailed scope of work and assumptions for the project.

UNDERSTANDING OF THE PROJECT

East Goshen Township owns and operates Hershey's Mill Dam as a recreational facility. The facility, which is located in the northeast corner of the intersection of Greenhill Road and Hershey Mill Road, has a size/hazard classification of C-2, which requires the dam to safely pass the 100-year storm event from the 1.8 square mile contributing drainage area. The dam has been identified by the Pennsylvania Department of Environmental Protection (DEP) Division of Dam Safety as having inadequate spillway capacity to pass the 100-year storm event which was established as 1,089 cfs based on a hydrologic analysis performed by Advanced GeoServices in February 2010. In addition, recent inspection reports have identified numerous other deficiencies associated with the dam which include, but are not limited to, vegetation control, deteriorated embankment slopes, cracking and movement of stone retaining walls, and cracking and apparent voids beneath the concrete spillway slab. As a result of these deficiencies, the Township has been operating the dam in a dewatered condition since 2011 in order to reduce the risk of a potential dam failure.

Since 2007, the Township has entertained various resolutions for addressing the identified deficiencies associated with Hershey's Mill Dam. Options have included raising the embankment in conjunction with the addition of an auxiliary spillway (i.e., a second stage

Gannett Fleming, Inc.

P.O. Box 67100 • Harrisburg, PA 17106-7100 | 207 Senate Avenue • Camp Hill, PA 17011-2316

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spillway) as well as breaching the dam. Evaluated options for stabilizing the second stage spillway have included conventional concrete and articulated concrete blocks. A repair for the dam involving the addition of a secondary spillway, as prepared by Edward B. Walsh, was approved by DEP Division of Dam Safety on July 15, 2014. Since this time, the Township has evaluated the costs and long term impacts associated with repairing/maintaining the dam as compared to decommissioning the dam. During a Board of Supervisors meeting held on Tuesday, June 28, 2016, the Township decided to decommission Hershey's Mill Dam and requested that Gannett Fleming (GF) prepare a proposal to prepare and submit permit applications for said work.

SCOPE OF SERVICES

The following provides our proposed work plan for preparing permit documents associated with the decommissioning of Hershey's Mill Dam. The approach provided herein was discussed with DEP Division of Dam Safety on August 11, 2016 to confirm the design and permitting requirements. The design concept involves establishing a breach through the existing embankment of adequate size such that the estimated 100-year water surface through the breach will be no more than one-foot greater than the 100-year water surface that would be expected if the dam was removed in its entirety. Since the dam has been operating in a dewatered condition since 2011, two feeder streams have begun to establish themselves through the reservoir and the sediments within the reservoir are well vegetated and have had the opportunity to consolidate and dewater. Based on these conditions, DEP stated that the preferred treatment of the reservoir is to leave the sediments in place as part of the initial breach. A rock-lined grade control structure will be placed immediately upstream of the breach within the reservoir to terminate the breach. Over time, the feeder channels which have begun to form within the reservoir will size and align themselves (both horizontally and vertically) to an equilibrium position. Consequently, stream restoration through the reservoir is not included with this scope of work.

Item 1. Site Visit: – A visual inspection will be performed to ascertain conditions at the existing Hershey's Mill Dam.

Item 2. Surveys and Mapping – The Township has provided Gannett Fleming with a CADD file containing the results of a topographic field survey performed on February 20, 2016 by Edward B. Walsh & Associates. The topographic survey covers the dam embankment and the upstream reservoir area located below Elevation 450. It is assumed that the coverage and detail of the 2012 survey is adequate for the purpose of developing permit drawings for the decommissioning of Hershey's Mill Dam. Should additional field survey(s) be required, a separate scope and fee will be prepared for these activities.

It is anticipated that a temporary and/or permanent easement will be required from the property owner to the south of the dam to facilitate construction activities. This scope and fee estimate includes the preparation of one easement plat. It is assumed that the property boundary information provided within the CADD file from Edward B.

Walsh & Associates is correct and adequate for the preparation of said easement. No additional property boundary surveys or deed searches are included with this proposal.

- Item 3. Hydraulic Analysis** – Steady flow hydraulic analyses of the 100-year peak discharge will be performed to model Ridley Creek in the vicinity of Hershey’s Mill Dam for three scenarios to size the breach of Hershey’s Mill Dam. The first scenario that will be modeled is Ridley Creek with Hershey’s Mill Dam in its existing condition. The second scenario that will be modeled is Ridley Creek with Hershey’s Mill Dam entirely removed. The third scenario that will be modeled is Ridley Creek with Hershey’s Mill Dam breached (breach opening plus remnants of dam and appurtenances not removed). The purpose of the analysis is to show that the breach of Hershey’s Mill Dam will result in proposed 100-year water surface elevations that are no more than one foot higher than water surface elevations that would be expected if the dam were entirely removed. The analyses will also provide a comparison of the 100-year floodplain in existing and proposed conditions.

Geometry for the model will be based on best available terrain data, measurements of downstream hydraulic structures obtained during the field visit and information available from the FEMA Flood Insurance Study of Ridley Creek. The 100-year peak discharge will be obtained from prior studies. The results of the analysis will be documented in a Hydraulic Analysis Report.

- Item 4. Environmental and Permitting Services** – The act of decommissioning Hershey’s Mill Dam will require removal of a portion of the existing dam embankment and the permanent dewatering of the reservoir. As such, the proposed work activities will alter the reservoir and involve modifications to the existing dam, both of which represent work within waters of the Commonwealth. As such, DEP Division of Dam Safety and the U.S. Army Corps of Engineers (USACE) will require East Goshen Township to obtain a permit to authorize the proposed project in accordance with Chapter 105 Dam Safety and Encroachment and Section 404 of the Clean Water Act. The following tasks are proposed based on the requirements of the state and federal laws to obtain a permit for the proposed project.

1. PNDI Search Request and Agency Coordination. GF will generate an on-line request through the Pennsylvania Natural Diversity Index (PNDI) Search Request to the PA Department of Conservation and Natural Resources (DCNR), Pennsylvania Fish & Boat Commission (PFBC), U.S. Fish & Wildlife Service (USFWS) and the Pennsylvania Game Commission (PGC) for information regarding the presence/absence of rare, threatened, or endangered state/federal species within the project area. Copies of the coordination efforts and agency responses are required to be submitted in the project permit application materials. The PNDI Search Request results are valid for two years.

2. Wetlands and Waterways Investigations. GF will investigate the proposed project area(s) and limits of disturbance for unmapped wetlands and waterways habitat. GF assumes that the proposed project study area(s) will total no more than 10 acres of surface area. GF will identify and delineate palustrine wetland boundaries in the field with uniquely labeled survey flagging using methods described in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region, Version 2.0, U.S. Army Corps of Engineers, April 2012. Wetland and waterway features will be mapped using GPS technology with sub-meter accuracy. Data points will be exported into a GIS or CADD file to present features on existing project drawings. Wetland habitats will be assigned a Cowardin classification (1977).

Wetland function and value assessments will be performed at each wetland location using the methods outlined in The Highway Methodology Workbook Supplement, Wetland Functions and Values A Descriptive Approach, USACE New England District (NEDEP-360-1-30a 1995).

The results of the wetlands and waterways field work will be presented in a report for use by the project planners and regulatory agencies. The Wetland Identification and Delineation Report will include a description of the project study area, background information, investigation methods used, wetland datasheets, photo logs, site mapping, tabularized coordinates of mapped features, and function and value sheets. This report will be used to support future planning and permitting efforts.

3. Phase I Bog Turtle Report. Chester County is within the known range of the bog turtle. Based on a preliminary review of aerial photography, wetlands are expected to occur within and immediately adjacent to the proposed project area. Wetlands and waterways identified within the proposed project area and within the 300-foot action area will be evaluated for potential bog turtle habitat according to the U.S. Fish and Wildlife Service (USFWS) field procedures (April 2006). GF will prepare a Phase I Bog Turtle Habitat Survey Report in anticipation that it will be submitted to the United States Fish & Wildlife Service (USFWS) and Pennsylvania Fish & Boat Commission (PFBC) when the project applies for permits and seeks regulatory agency authorization to implement the project. If a Phase II Bog Turtle Survey is needed, a separate scope and fee would be generated.
4. Coordination with Pennsylvania Historic and Museum Commission. Coordination with the Pennsylvania Historic and Museum Commission (PHMC) will consist of a Cultural Resource Notice (CRN) to determine the presence/absence of historic structures and or archaeological resources within the project area. The CRN will include a project narrative, site location map, existing and proposed conditions drawings and site photographs. GF assumes that no historic or cultural resources of significance occur within the project area and no

surveys are required. If PHMC determines that potential historic or cultural resources exist, GF will develop and submit a separate scope and fee estimate to complete the Historic Resources Survey Form (HRSF), if needed.

5. Pre-Application Meeting and Preliminary Jurisdictional Determination. GF will coordinate a pre-application meeting with the state and federal agencies to meet on-site and discuss the project before a permit application is submitted. The pre-application meeting allows for a discussion of concerns and requirements from the regulatory agencies before project plans and designs are advanced. This is an opportunity for East Goshen Township and GF to hear agency requirements and concerns in developing a permit application for their review. The main discussion topics include; the purpose and need for the project; its environmental impacts; efforts to avoid and minimize impacts, possible mitigation options; and long-term plans for the property.

Prior to the pre-application meeting, GF will submit the Wetland and Waterways Identification and Delineation Report to the U.S. Army Corps of Engineers (USACE) and PADEP to request a field visit at the time of the pre-application meeting to review the delineation boundaries in order to obtain a Preliminary Approved Jurisdictional Determination from the USACE. Any changes to the field boundaries will be re-located using a GPS unit with sub-meter accuracy.

6. Environmental Assessment. GF will complete an environmental assessment as part of the permit application process. This assessment will include an evaluation of streams and aquatic resources which may be impacted by the project. Our team's aquatic ecologists have taxonomic certifications for macroinvertebrate identification. The aquatic community analyses will define the assemblage of stream, pond, and lake life to serve as the baseline condition. A focus on water quality, substrate, and the macroinvertebrate community will indicate the potential for future utilization of the stream reach by fish and other aquatic life. The Gannett Fleming team will obtain scientific collector's permits and fishing licenses to conduct studies and surveys that require the collection of aquatic life.

Perennial streams will be evaluated and surveyed for benthic macroinvertebrates in accordance with the Rapid Bioassessment Protocols (RBP) for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates, and Fish (2nd Edition) (Barbour et al, 1999). Two 100-meter (approximately 330-feet) sampling reaches will be identified, evaluated, and surveyed for macroinvertebrates along the downstream and upstream locations of the Hersheys Mill Reservoir. The Rapid Bioassessment Physical Characterization/Water Quality and Habitat Assessment Field Data Sheets for low gradient and high gradient streams, as applicable, will be completed while at sampling reach locations (Barbour et al, 1999). Water quality measurements will be recorded using a YSI 556 water meter. Water quality samples will be collected during the field assessments to provide data for:

- Temperature
- Dissolved Oxygen (DO)
- Turbidity
- pH
- Hardness
- Specific Conductance, and
- Oxidation Reduction Potential (ORP)
- Total Suspended Solids (TSS)
- Total Dissolved Solids (TDS)

A laboratory will be used to confirm TSS and TDS readings. Field meters will be calibrated prior to use and this effort will be recorded on field data logs.

Macroinvertebrates will be collected using a D-frame dip net and the kick-netting method for D-frame dip nets as described in the RBP for Single and Multi-Habitat Approaches for macro-invertebrate collection. The macroinvertebrate collection will consist of 20 kicks per sampling reach. For each sampling reach, the collections from all 20 kicks will be composited into one sample and stored in 95% denatured ethanol. Rapid Bioassessment Benthic Macroinvertebrate Field Data Sheet will be completed in the field following completion of macroinvertebrate collection (Barbour et al, 1999). For quality control, a duplicate macroinvertebrate sample will be collected at a randomly selected sampling reach to represent 10% of the total sampling effort within the project area

7. Mitigation Plan. Environmental impacts are unknown at this time and the required mitigation, if any, will not be defined until the pre-application meeting is held with the reviewing agencies. Once the required mitigation has been established by the reviewing agencies, a separate scope and fee to prepare a mitigation plan will be provided to the Township. It is assumed that all mitigation can be established onsite.
8. Permit Application Package. GF will prepare and assemble the permit application package for East Goshen Township's review and signature. A Dam Removal Permit is anticipated thru DEP Division of Dam Safety to authorize this project. The following items are included in the application:
 - Completed Application Form (1300-PM-BIT0001).
 - Chapter 105 Application Fee & Worksheet (3150-PM-BWEW0553). It is our understanding that fees are waived for municipalities.
 - Site plans including existing and proposed conditions, representative cross sections, a sediment management plan and an erosion control plan.
 - Cultural Resource Notice.
 - Completed PNDI Form.

- Act 14 Notification Letters.
- Application to Draw Off Water from impoundments (assumed not to be required since reservoir is being operated in a dewatered condition).

9. Erosion and Sediment Control Plan. The decommissioning of Hershey's Mill Dam will require earth disturbance activities. Consequently, the project will require erosion control plan approval from the Chester County Conservation District. GF will prepare an erosion and sediment control plan for the project to control sediment-laden runoff from the project site. It is anticipated that the majority of the project site will be permitted under Chapter 105 by DEP Division of Dam Safety and the remaining area (if any) to be permitted under Chapter 102 will be less than one acre. Consequently, it is assumed that a NPDES Permit for Stormwater Discharges Associated with Construction Activities will not be required.

Item 5. Preparation of Conceptual Breach Layout – A conceptual breach configuration will be prepared and shared with the Township (refer to Item 6) prior to advancing the plan into final design. The conceptual plan will be prepared to a level necessary to develop an estimate of construction costs.

Item 6. Township Meeting – The concept plan and the preliminary results of the environmental investigations and hydraulic analysis as well as preliminary construction costs will be compiled and shared with the Township. Comments from the Township will be considered before advancing the concept plan into final design and permitting. The scope and fee provided herein assumes GF will attend one public meeting to discuss progress completed to date.

Item 7. Development of Permit Drawings: GF will prepare drawings and technical specifications for the decommissioning of Hershey's Mill Dam to a level needed to support the permit applications described within this proposal.

1. Drawings will be prepared of the full breach. The following drawings are anticipated:
 - Cover Sheet
 - Existing Conditions Plan and General Notes
 - Demolition Plan
 - Project Alignment and Survey Control Plan
 - Proposed Conditions Plan
 - Profile and Cross Sections of Dam (Two Sheets)
 - Miscellaneous Details (Two Sheets)
 - Erosion and Sediment Control Plan (Five Sheets)
 - Site Stabilization (One Sheet)

2. Technical specifications will be prepared for the work described on the drawings. Specification will be either be placed on the drawings or provided in CSI format.

ASSUMPTIONS

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

1. The Township will coordinate and secure all approvals necessary to allow Gannett Fleming to access the Property.
2. GF assumes that any environmental surveys, beyond a Phase I bog turtle survey, for protected species would require a separate scope and price.
3. GF assumes that any mitigation plan (i.e., wetlands, waterways, etc.) would require a separate scope and price.
4. GF assumes that the wetland and stream fieldwork can be accomplished in two days and that Township authorization will allow field work to occur during the growing season.
5. Reservoir will be in a dewatered condition at the time of environmental field surveys.
6. This scope of services assumes that no suitable bog turtle habitat exists within or near the project area and a Phase 2 Bog Turtle Survey will not be necessary. If a Phase 2 Survey is required, GF will develop and submit a separate scope and cost of services for review and approval. GF anticipates one field day to evaluate wetland areas for potential bog turtle habitat.
7. No property, utility, topographic surveys, etc. are proposed as part of this scope and fee proposal. It is assumed that the survey as provided by Edward B. Walsh is complete and accurate and will be used by Gannett Fleming as the basis for developing the breach of Hershey's Mill Dam and associated easements.
8. No stream mitigation plan is required.
9. GF assumes that permit application and impact fees would be waived for a municipality or will be paid by the Township and are not included within the fee estimate.
10. Gannett Fleming does not guarantee approval of permit applications.
11. It is anticipated that construction access to the work area will be from Hershey's Mill Road (Township Highway) and not be from a State highway. Consequently, a PennDOT Highway Occupancy Permit will not be required.
12. This scope and fee estimate does not include preparation of bid documents or bidding and construction phase services.

COMPENSATION

Our proposed lump sum fee to prepare and submit permit application(s) for the decommissioning of Hershey’s Mill Dam, as described within this proposal letter, is as follows:

Hydrologic and Hydraulic Analysis:	\$18,400
Environmental Investigations:	\$43,200
Pre-Application Meeting:	\$5,600
Development of Concept Plan and Township Meeting:	\$9,500
<u>Development of Permit Documents:</u>	<u>\$36,300</u>
Total Lump Sum Fee:	\$113,000

SCHEDULE

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

- The Hydrologic and Hydraulic Analysis will begin immediately. The modeling will identify the proposed breach configuration within two months from receiving notice to proceed.
- Environmental investigations will begin immediately. Field work and agency coordination (i.e., PNDI coordination, cultural resource notification and PFBC coordination) will be conducted within two months of receiving notice to proceed.
- The conceptual breach layout will be prepared in conjunction with the hydraulic analysis and will be shared with the reviewing agencies as part of the pre-application meeting. It is assumed that a pre-application meeting can be scheduled with the regulatory agencies within one month following the completion of the field work (pending the availability of the reviewing agencies).
- The conceptual plan and the results of the pre-application meeting will be shared with the Township following the pre-application meeting.
- Permit applications will be prepared within two months following the township meeting.

Task	Month Week	1				2				3				4				5				6			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Notice to Proceed		█																							
Site Visit				█																					
Hydraulic Analysis		█	█	█	█	█	█	█	█																
Environmental Investigations		█	█	█	█	█	█	█	█																
Pre-Application Meeting ⁽¹⁾																									
Develop Concept Plan																									
Township Meeting																									
Develop Permit Documents																									

1. Pre-Application meeting will be dependent upon availability of the reviewing agencies.

Gannett Fleming
Mr. Rick Smith
East Goshen Township

10

August 12, 2016

These services can be provided under our current Master Services Agreement. Should the Township choose to secure our services to prepare permit applications for the decommissioning of Hershey's Mill 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. Paul Schweiger of our office at 717-763-7212, extensions 2828 and 2504, respectively. We thank you for the opportunity to provide this proposal and look forward to continuing our relationship with the Township.

Sincerely,

GANNETT FLEMING, INC.
Environmental Resources Division



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

TABLED ON
5-3-16

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Voice: 610-692-7171
Fax: 610-692-8950
E-mail: mgordon@eastgoshen.org

Date: 08/30/2016
To: Board of Supervisors
From: Mark Gordon, Township Zoning Officer *mb*
Re: 2015 IPMC / Fire Alarms

Dear Board Members,

As you know the Township Property Maintenance Code (IPMC) is updated every three years. The current code, 2015 International Property Maintenance Code, was amended and we realized that there is some conflicting language which we do not believe is conducive for fire safety. Staff introduced this topic to the Board in April 2016 and the topic was tabled. The Board requested staff to present this issue to the fire chief and the County Fire Marshal and request their input. I have received their comments; they are attached for your review and consideration.

Upon review of the code I found a section of the code that has been amended from the 2012 edition and which staff believes to be contradictory to fire safety as it relates to the requirement for smoke alarms in residential dwellings.

The 2003, 2006, 2009 and 2012 IPMC editions were clear on this subject, I've included a copy of the 2012 and 2015 section for your use. Smoke detectors were required in all bedrooms and on all floors of residential dwellings. These alarms could be battery operated. The 2015 IPMC has introduced exceptions (insert) which essentially permits older dwellings to revert back to the code in effect at the time of construction.

[F] **704.2 Single- and multiple-station smoke alarms.** Single- and multiple-station smoke alarms shall be installed in existing Group I-1 and R occupancies in accordance with Sections 704.2.1 through 704.2.3.

[F] **704.2.1 Where required.** Existing Group I-1 and R occupancies shall be provided with single-station smoke alarms in accordance with Sections 704.2.1.1 through 704.2.1.4. Interconnection and power sources shall be in accordance with Sections 704.2.2 and 704.2.3.

Exceptions:

1. Where the code that was in effect at the time of construction required smoke alarms and smoke alarms complying with those requirements are already provided.
2. Where smoke alarms have been installed in occupancies and dwellings that were not required to have them at the time of construction, additional smoke alarms shall not

be required provided that the existing smoke alarms comply with requirements that were in effect at the time of installation.

3. Where smoke detectors connected to a fire alarm system have been installed as a substitute for smoke alarms.

Our Interpretation of the New 2015 IPMC Smoke Alarm Exemptions are:

704.2.1 Exception 1 – If your house was built in 1975, the Building Code only required one smoke alarm. If that alarm is in place you would not need to install any additional smoke alarms.

704.2.1 Exception 2 – If your house was built in 1950, when the Building Code did not require any smoke alarms, but you installed a single smoke alarm in 1975, you would have to maintain the one alarm that was installed but you would not have to install any additional smoke alarms.

704.2.1 Exception 3 – If your house has a fire alarm system you would not have to install any additional smoke alarms.

We all concur that these exceptions are confusing and could be detrimental to safety. The implementation of these exceptions would also be very difficult and require extensive research on every property that we inspect in order to determine which code applies.

Both the Fire Chief and the County Fire Marshal agree with our position on the code and our ordinance amendment. The Solicitor has drafted an ordinance for your consideration.

Recommendation:

The Staff recommendation is to amend Ch 178 of the Township code to eliminate these exceptions.

Draft Motion:

I move that the Board direct staff to advertise the proposed ordinance amendment and schedule a hearing date.



THE COUNTY OF CHESTER

COMMISSIONERS
Terence Farrell
Kathi Cozzone
Michelle Kichline

DEPARTMENT OF EMERGENCY SERVICES
Government Services Center
601 Westtown Road, Suite 012
West Chester, PA 19380-0990
(610) 344-5000 • Fax (610) 344-5050
www.chesco.org/des



Office of the Fire Marshal

August 1, 2016

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

Mr. Gordon,

In reference to your e-mail about the changes to the 2015 International Property Maintenance Code as it pertains to the installation and maintenance of smoke detectors in residential properties. I am in full support of the recommendations to continue with the older codes from previous versions that require smoke detectors to be installed and operating in all sleeping areas within all dwellings.

Working smoke detectors are one of the first line items to provide notification to all persons in the event of fire and has proven for many years how many lives they have saved. I encourage your township leaders to support you and your staff with this local change in the adoption of the I.P.M.C.

I commend you and your staff with the hard work and diligence to provide for the life safety of your residents and business which live and operate within East Goshen Township. If I can be of any assistance to you and your staff please do not hesitate to call.

Sincerely,

A handwritten signature in black ink, appearing to read "John A. Weer".

John A. Weer, CFI
Chief Count Fire Marshal

Mark Gordon

From: Grant Everhart <grant.everhart@goshenfireco.org>
Sent: Monday, August 15, 2016 10:06 PM
To: O'Neill Christopher; mgordon@eastgoshen.org
Subject: Re: FW: Township Ordinance Amendment

Mark,

My apologies for not responding sooner to your note.

From the Fire Department's perspective, we support your position on the code. All owned and leased dwellings should be required to have smoke detectors that comply with the latest code when they are sold or turned over. The concept that older dwellings should only comply with codes that are potentially outdated or worse, non-existent, is unacceptable. Thanks for identifying this potentially catastrophic flaw in the code.

Additionally (if I'm reading the proposed code correctly), I strongly endorse all efforts to keep fire hydrants clear of landscaping and other obstructions, and also to clearly mark fire department connections so that they are easily visible to responding fire companies. We proposed these measures many years ago and I'm glad to see them moving to adoption.

Please give me a call if you have any questions.

Thanks,

Grant

On Mon, Aug 15, 2016 at 4:08 PM, O'Neill Christopher <Christopher.ONeill@xlcatin.com> wrote:

From: Mark Gordon [mailto:mgordon@eastgoshen.org]
Sent: Monday, August 15, 2016 3:38 PM
To: O'Neill Christopher
Cc: 'Carmen Battavio'
Subject: FW: Township Ordinance Amendment

Hi Chris,

I've sent this twice to the Chief with no response. The Board of Supervisors would like the GFC to weigh in on this issue. The CCFM has agreed with my interpretation and recommendation.

I'd really appreciate if you would take some time to consider this issue and respond.

EAST GOSHEN TOWNSHIP

CHESTER COUNTY, PENNSYLVANIA

ORDINANCE NO. ____-2016

AN ORDINANCE OF THE TOWNSHIP OF EAST GOSHEN, CHESTER COUNTY, PENNSYLVANIA, AMENDING CHAPTER 178 OF THE EAST GOSHEN TOWNSHIP CODE TITLED "PROPERTY MAINTENANCE," SECTION 178-1 TO ADOPT THE 2015 EDITION OF THE INTERNATIONAL PROPERTY MAINTENANCE CODE, AND SECTION 178-3 TO AMEND THE ADDITIONS, INSERTIONS, AND CHANGES TO STANDARDS.

BE IT ENACTED AND ORDAINED by the Board of Supervisors of East Goshen Township that Chapter 178 of the East Goshen Township Code, titled "Property Maintenance," is hereby amended as follows:

SECTION 1. Section 178-1, titled "Adoption of Property Maintenance Code; copies to be on file," shall be amended as follows:

"§ 178-1. Adoption of Property Maintenance Code; copies to be on file.

There is hereby adopted by the Board of Supervisors of East Goshen Township the International Property Maintenance Code, 2015 Edition, as now and as hereafter supplemented, reissued, amended and revised, as published by the International Code Council, Inc. Not fewer than three copies of the International Property Maintenance Code, 2015 Edition, are filed in the office of the Secretary of East Goshen Township, and the same is hereby adopted and incorporated as fully as if set out at length herein."

SECTION 2. Section 178-3, titled "Additions, insertions and changes to standards," shall be amended as follows:

"§ 178-3. Additions, insertions and changes to standards.

The following amendments, additions, deletions, and changes are hereby made to the International Property Maintenance Code, 2015 Edition:

- A. Section 101.1 shall be amended by the deletion of the words "[NAME OF JURISDICTION]" and the replacement thereof with the words "East Goshen Township."
- B. The heading of Section 103 shall be deleted in its entirety and replaced with the following:

"SECTION 103. EAST GOSHEN TOWNSHIP CODE DEPARTMENT."

- C. Section 103.1 shall be deleted in its entirety and replaced with the following:

"103.1 Creation of enforcement agency. The East Goshen Township Code Department (the "Code Department") shall be responsible for administering and enforcing this Code. The Zoning Officer is in charge of the Code Department and for purposes of this Code shall be known as the Code Official."

- D. Section 103.5 shall be deleted in its entirety and reserved.

- E. Section 106.4 shall be deleted in its entirety and replaced with the following:

"106.4 Violation and penalties. Any person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof shall be guilty of a summary offense, punishable by a fine of not more than \$1,000 per day, plus costs and attorney's fees, and, upon default of the payment of the fine and costs, imprisonment not to exceed 30 days. Each day that a violation continues shall be deemed a separate offense."

- F. Section 111, Means of Appeal, shall be deleted and replaced with the following:

"111. Board of Appeals.

111.1 General. The Township designates the WCACOG Board of Appeals as the Board of Appeals for East Goshen Township who shall hear appeals from decisions of the East Goshen Township Building Code Official which are filed pursuant to the Act and the Township's Building Codes."

- G. Section 112.4 shall be amended by the deletion of the words "[AMOUNT]" and the replacement thereof with "not less than \$100.00 nor more than \$1,000.00."

- H. Section 302.4 shall be deleted.

- I. Section 304.14 shall be amended by the deletion of the words "[DATE]" and the replacement thereof with "June 1" and "October 30."

- J. A new Section 304.15.1 shall be added to read as follows:

"304.15.1 Garage doors. At the time of resale or any change of occupancy, all automatic garage doors shall be equipped with an external entrapment protection system as recommended by the U.S. Consumer Product Safety Commission."

- K. Section 602.3 shall be amended by the deletion of the words "[DATE]" and the replacement thereof with "October 15" and "April 15."

L. Section 602.4 shall be amended by the deletion of the words “[DATE]” and the replacement thereof with “October 15” and “April 15.”

M. Section 704.2.1 shall be deleted and replaced with the following:

“704.2.1 Where required. Existing Group I-1 and R occupancies shall be provided with single-station smoke alarms in accordance with Sections 704.2.1.1 through 704.2.1.4. Interconnection and power sources shall be in accordance with Sections 704.2.2 and 704.2.3. There shall be no exceptions to these requirements.”

N. A new Section 705 shall be added to read as follows:

“705. FIRE HYDRANTS.

705.1. Fire hydrant location. No fire hydrant shall be obstructed by any planting (trees, shrubs, weeds) or any other structure or landscaping feature (such as rocks or fence) within a space formed by a line projecting 15 feet from either side of the hydrant and from the line to the curb.

705.2. Fire Department connections for sprinklers and standpipe systems. All new Fire Department connections for sprinklers or standpipe systems shall be equipped with five-inch Storz quarter-turn fire hose connection. All new and existing Fire Department connections for sprinklers or standpipe systems shall be kept clear and free from any obstructions so that they are accessible by the Fire Department. All new and existing Fire Department connections for sprinklers or standpipe systems shall be painted red (except where paint accumulation may affect the performance of the swivels or hose couplings). All new and existing Fire Department connections for sprinklers or standpipe systems shall be clearly marked with a sign meeting the following standards:

1. White reflective sign with red reflective letters and red border.
2. Minimum size 12 inches high by 18 inches wide.
3. The sign shall be printed with the letters “FD.”
4. The sign shall be permanently affixed within eight feet of the connection.
5. The sign shall be clearly visible from the roadway.
6. In the event the Fire Department connection is not visible from the roadway, a minimum series of signs as required by the Fire Marshal (as described above but with the addition of directional arrows) shall be used to indicate the location of the connection.”

SECTION 3. Severability. If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections, or parts hereof. It is hereby declared as the intent of the Board of Supervisors that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.

SECTION 4. Repealer. All ordinances or parts of ordinances conflicting with any provision of this Ordinance are hereby repealed insofar as the same affects this Ordinance.

SECTION 5. Effective Date. This Ordinance shall be effective five days following enactment as by law provided.

ENACTED AND ORDAINED this _____ day of _____, 2016.

ATTEST:

**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS**

Louis F. Smith, Secretary

Senya D. Isayeff, Chairman

E. Martin Shane, Vice-Chairman

Carmen Battavio, Member

Charles W. Proctor, III, Esquire, Member

Janet L. Emanuel, Member

2012

CHAPTER 7

FIRE SAFETY REQUIREMENTS

SECTION 701 GENERAL

701.1 Scope. The provisions of this chapter shall govern the minimum conditions and standards for fire safety relating to structures and exterior *premises*, including fire safety facilities and equipment to be provided.

701.2 Responsibility. The *owner* of the *premises* shall provide and maintain such fire safety facilities and equipment in compliance with these requirements. A person shall not occupy as *owner-occupant* or permit another person to occupy any *premises* that do not comply with the requirements of this chapter.

SECTION 702 MEANS OF EGRESS

[F] 702.1 General. A safe, continuous and unobstructed path of travel shall be provided from any point in a building or structure to the *public way*. Means of egress shall comply with the *International Fire Code*.

[F] 702.2 Aisles. The required width of aisles in accordance with the *International Fire Code* shall be unobstructed.

[F] 702.3 Locked doors. All means of egress doors shall be readily openable from the side from which egress is to be made without the need for keys, special knowledge or effort, except where the door hardware conforms to that permitted by the *International Building Code*.

[F] 702.4 Emergency escape openings. Required emergency escape openings shall be maintained in accordance with the code in effect at the time of construction, and the following. Required emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools. Bars, grilles, grates or similar devices are permitted to be placed over emergency escape and rescue openings provided the minimum net clear opening size complies with the code that was in effect at the time of construction and such devices shall be releasable or removable from the inside without the use of a key, tool or force greater than that which is required for normal operation of the escape and rescue opening.

SECTION 703 FIRE-RESISTANCE RATINGS

[F] 703.1 Fire-resistance-rated assemblies. The required fire-resistance rating of fire-resistance-rated walls, fire stops, shaft enclosures, partitions and floors shall be maintained.

[F] 703.2 Opening protectives. Required opening protectives shall be maintained in an operative condition. All fire and smokestop doors shall be maintained in operable condi-

tion. Fire doors and smoke barrier doors shall not be blocked or obstructed or otherwise made inoperable.

SECTION 704 FIRE PROTECTION SYSTEMS

[F] 704.1 General. All systems, devices and equipment to detect a fire, actuate an alarm, or suppress or control a fire or any combination thereof shall be maintained in an operable condition at all times in accordance with the *International Fire Code*.

[F] 704.1.1 Automatic sprinkler systems. Inspection, testing and maintenance of automatic sprinkler systems shall be in accordance with NFPA 25.

[F] 704.2 Smoke alarms. Single- or multiple-station smoke alarms shall be installed and maintained in Group R or I-1 occupancies, regardless of *occupant* load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of *bedrooms*.
2. In each room used for sleeping purposes.
3. In each story within a *dwelling unit*, including *basements* and cellars but not including crawl spaces and uninhabitable attics. In dwellings or *dwelling units* with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

[F] 704.3 Power source. In Group R or I-1 occupancies, single-station smoke alarms shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection.

Exception: Smoke alarms are permitted to be solely battery operated in buildings where no construction is taking place, buildings that are not served from a commercial power source and in existing areas of buildings undergoing alterations or repairs that do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for building wiring without the removal of interior finishes./

[F] 704.4 Interconnection. Where more than one smoke alarm is required to be installed within an individual *dwelling unit* in Group R or I-1 occupancies, the smoke alarms shall be interconnected in such a manner that the activation of one

FIRE SAFETY REQUIREMENTS

2012

alarm will activate all of the alarms in the individual unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm. The alarm shall be clearly audible in all *bedrooms* over background noise levels with all intervening doors closed.

Exceptions:

1. Interconnection is not required in buildings which are not undergoing alterations, repairs or construction of any kind.
2. Smoke alarms in existing areas are not required to be interconnected where alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or *basement* available which could provide access for interconnection without the removal of interior finishes.

CHAPTER 7

2015

FIRE SAFETY REQUIREMENTS

SECTION 701
GENERAL

701.1 Scope. The provisions of this chapter shall govern the minimum conditions and standards for fire safety relating to structures and exterior *premises*, including fire safety facilities and equipment to be provided.

701.2 Responsibility. The *owner* of the *premises* shall provide and maintain such fire safety facilities and equipment in compliance with these requirements. A person shall not occupy as *owner-occupant* or permit another person to occupy any *premises* that do not comply with the requirements of this chapter.

SECTION 702
MEANS OF EGRESS

[F] 702.1 General. A safe, continuous and unobstructed path of travel shall be provided from any point in a building or structure to the *public way*. Means of egress shall comply with the *International Fire Code*.

[F] 702.2 Aisles. The required width of aisles in accordance with the *International Fire Code* shall be unobstructed.

[F] 702.3 Locked doors. Means of egress doors shall be readily openable from the side from which egress is to be made without the need for keys, special knowledge or effort, except where the door hardware conforms to that permitted by the *International Building Code*.

[F] 702.4 Emergency escape openings. Required emergency escape openings shall be maintained in accordance with the code in effect at the time of construction, and the following. Required emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools. Bars, grilles, grates or similar devices are permitted to be placed over emergency escape and rescue openings provided the minimum net clear opening size complies with the code that was in effect at the time of construction and such devices shall be releasable or removable from the inside without the use of a key, tool or force greater than that which is required for normal operation of the escape and rescue opening.

SECTION 703
FIRE-RESISTANCE RATINGS

[F] 703.1 Fire-resistance-rated assemblies. The required fire-resistance rating of fire-resistance-rated walls, fire stops, shaft enclosures, partitions and floors shall be maintained.

[F] 703.2 Opening protectives. Required opening protectives shall be maintained in an operative condition. Fire and smokestop doors shall be maintained in operable condition. Fire doors and smoke barrier doors shall not be blocked or obstructed or otherwise made inoperable.

SECTION 704
FIRE PROTECTION SYSTEMS

[F] 704.1 General. Systems, devices and equipment to detect a fire, actuate an alarm, or suppress or control a fire or any combination thereof shall be maintained in an operable condition at all times in accordance with the *International Fire Code*.

[F] 704.1.1 Automatic sprinkler systems. Inspection, testing and maintenance of automatic sprinkler systems shall be in accordance with NFPA 25.

[F] 704.1.2 Fire department connection. Where the fire department connection is not visible to approaching fire apparatus, the fire department connection shall be indicated by an *approved* sign mounted on the street front or on the side of the building. Such sign shall have the letters "FDC" not less than 6 inches (152 mm) high and words in letters not less than 2 inches (51 mm) high or an arrow to indicate the location. Such signs shall be subject to the approval of the fire code official.

[F] 704.2 Single- and multiple-station smoke alarms. Single- and multiple-station smoke alarms shall be installed in existing Group I-1 and R occupancies in accordance with Sections 704.2.1 through 704.2.3.

[F] 704.2.1 Where required. Existing Group I-1 and R occupancies shall be provided with single-station smoke alarms in accordance with Sections 704.2.1.1 through 704.2.1.4. Interconnection and power sources shall be in accordance with Sections 704.2.2 and 704.2.3.

Exceptions:

1. Where the code that was in effect at the time of construction required smoke alarms and smoke alarms complying with those requirements are already provided.
2. Where smoke alarms have been installed in occupancies and dwellings that were not required to have them at the time of construction, additional smoke alarms shall not be required provided that the existing smoke alarms comply with requirements that were in effect at the time of installation.
3. Where smoke detectors connected to a fire alarm system have been installed as a substitute for smoke alarms.

[F] 704.2.1.1 Group R-1. Single- or multiple-station smoke alarms shall be installed in all of the following locations in Group R-1:

1. In sleeping areas.
2. In every room in the path of the *means of egress* from the sleeping area to the door leading from the *sleeping unit*.

3. In each story within the *sleeping unit*, including basements. For *sleeping units* with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

[F] 704.2.1.2 **Groups R-2, R-3, R-4 and I-1.** Single- or multiple-station smoke alarms shall be installed and maintained in Groups R-2, R-3, R-4 and I-1 regardless of *occupant load* at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
2. In each room used for sleeping purposes.
3. In each story within a *dwelling unit*, including basements but not including crawl spaces and uninhabitable attics. In *dwellings* or *dwelling units* with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

[F] 704.2.1.3 **Installation near cooking appliances.** Smoke alarms shall not be installed in the following locations unless this would prevent placement of a smoke alarm in a location required by Section 704.2.1.1 or 704.2.1.2.

1. Ionization smoke alarms shall not be installed less than 20 feet (6096 mm) horizontally from a permanently installed cooking appliance.
2. Ionization smoke alarms with an alarm-silencing switch shall not be installed less than 10 feet (3048 mm) horizontally from a permanently installed cooking appliance.
3. Photoelectric smoke alarms shall not be installed less than 6 feet (1829 mm) horizontally from a permanently installed cooking appliance.

[F] 704.2.1.4 **Installation near bathrooms.** Smoke alarms shall be installed not less than 3 feet (914 mm) horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by Section 704.2.1.1 or 704.2.1.2.

[F] 704.2.2 **Interconnection.** Where more than one smoke alarm is required to be installed within an individual *dwelling* or *sleeping unit*, the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

Exceptions:

1. Interconnection is not required in buildings that are not undergoing *alterations*, repairs or construction of any kind.

2. Smoke alarms in existing areas are not required to be interconnected where *alterations* or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available that could provide access for interconnection without the removal of interior finishes.

[F] 704.2.3 **Power source.** Single-station smoke alarms shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms with integral strobes that are not equipped with battery backup shall be connected to an emergency electrical system. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over-current protection.

Exceptions:

1. Smoke alarms are permitted to be solely battery operated in existing buildings where no construction is taking place.
2. Smoke alarms are permitted to be solely battery operated in buildings that are not served from a commercial power source.
3. Smoke alarms are permitted to be solely battery operated in existing areas of buildings undergoing *alterations* or repairs that do not result in the removal of interior walls or ceiling finishes exposing the structure, unless there is an attic, crawl space or *basement* available that could provide access for building wiring without the removal of interior finishes.

[F] 704.2.4 **Smoke detection system.** Smoke detectors listed in accordance with UL 268 and provided as part of the building's fire alarm system shall be an acceptable alternative to single- and multiple-station smoke alarms and shall comply with the following:

1. The fire alarm system shall comply with all applicable requirements in Section 907 of the *International Fire Code*.
2. Activation of a smoke detector in a dwelling or sleeping unit shall initiate alarm notification in the *dwelling* or *sleeping unit* in accordance with Section 907.5.2 of the *International Fire Code*.
3. Activation of a smoke detector in a *dwelling* or *sleeping unit* shall not activate alarm notification appliances outside of the *dwelling* or *sleeping unit*, provided that a supervisory signal is generated and monitored in accordance with Section 907.6.5 of the *International Fire Code*.

East Goshen Township Fire Alarm Requirements

August 20, 2014

Fire alarm inspection for an occupancy permit

The Township inspects all properties prior to re-occupancy for a number of life safety items. One of these life safety items is smoke alarms.

Each dwelling unit is inspected to ensure that there is a working smoke alarm in each bedroom and on each floor of the dwelling unit. The smoke alarm must provide a warning sound of at least 75 dBA in all bedrooms when all of the doors in the dwelling unit are closed.

If these requirements are not met, the property owner shall install battery operated smoke alarms as needed to bring the dwelling into compliance with the Township Code.

In the alternative the property owner can install additional hardwired smoke detectors as needed. However, it may not be possible to add additional detectors to the existing system due to changes in technology.

The third and suggested alternative and is to install a new fire alarm system that complies with the current Township Code, since the U.S. Fire Administration recommends that all smoke alarms be replaced every 10 years. <http://www.usfa.fema.gov/campaigns/smokealarms/alarms/>

Reference – Chapter 178 “Property Maintenance” of the East Goshen Township Code

Replacement of Monitored Fire Alarm Systems

A monitored fire alarm system is comprised of a control panel, smoke detectors and the wiring that is monitored by an alarm company. A permit is required for the replacement of an existing or installation of a new system. The new system must be inspected, tested and approved by the Township before it can be placed into service.

The new system must have smoke detectors in each bedroom and on each floor level of the dwelling unit. The system must provide a warning sound of at least 75 dBA to all bedrooms when all of the doors in the dwelling unit are closed. The smoke detectors must be interconnected with fire rated wire so that when activated, all of the smoke detectors in the home sound an alarm. When an existing system is replaced, fire rated wire shall be installed as needed.

The replacement of the control panel or more than one smoke detector is considered to be the installation of a new system and a permit is required.

Reference – Chapter 81 “Alarm Systems” and Chapter 178 “Property Maintenance” of the East Goshen Township Code

Contact the East Goshen Township Code Department at 610-692-7171 if you have any questions.

Memo

To: Board of Supervisors and Park & Recreation Commission
From: Jon Altshul
Re: Recreation Survey Findings—Follow-up data request
Date: August 19, 2016

At the August 16th meeting, the Supervisors asked for more information about the residents who expressed interest in programs for high schoolers. Specifically, concern was raised that some of the respondents may not have children or minor dependents at home and therefore their responses may skew the data, which could undermine Recommendation #3 in particular (“The Parks & Recreation Commission should consider offering casual, drop-in, stress-relieving activities for high school students, such as a sand volleyball tournament in the spring/summer and a ping pong tournament in the fall either for free or a nominal cost”). The data is summarized below.

	Yes (I have children/dependents under 18 living at home now)	No (I do not have children/dependents under 18 living at home now)	Percentage with children/dependents at home
SAT Prep	21	8	72.4%
ACT Prep	13	6	68.4%
Video game tournament	5	4	55.6%
Ping Pong tournament	6	6	50.0%
Sand volleyball tournament	8	5	61.5%
Amusement park trip	7	6	53.8%
Spanish enrichment	4	5	44.4%
Chinese enrichment	2	3	40.0%

Finally, please be aware that at the last meeting I reported that eight respondents expressed interest in a video game tournament and thirteen expressed interest in a ping pong tournament. That appears to be incorrect. In fact, upon further review, nine respondents expressed interest in a video game tournament and twelve expressed interest in ping pong.

Memo

East Goshen Township

Date: September 1, 2016
To: Board of Supervisors
From: Rick Smith, Township Manager
Re: Refuse and Recycling Bids

Bids were opened on August 24, 2016 at 10:00 am. Results are as follows:

Advanced Disposal Services Eastern PA \$691,420.68

A.J. Blosenski Inc. \$694,920.36

Solid Waste Services d/b/a J.P. Mascaro & Sons \$909,486.60

Eagle Disposal of PA, Inc. Did not bid but asked to be kept on list for future bids.

The bid from Advanced Disposal was unresponsive with respect to Section 24 of the bid specifications which reads as follows:

24. **ADDENDA:** Any revision or interpretation of the bid specifications prior to the bid opening will be in the form of an addendum that will be posted on the East Goshen Township web page www.eastgoshen.org. See "Legal and Bid Notices and RFPs" under the "About Us" tab. **Bidders shall acknowledge receipt of addenda on the bid form.**

The proposal form submitted by Advanced did not include an acknowledgment of the Addendum #1 issued on July 28, 2016. On August 30, 2016 I received a letter from Advanced confirming that they neglected to mark the addendum acknowledgement on the bid form and asking the Board to waive the deficiency.

The proposal from A.J. Blosenski was responsive in all respects. On August 26, 2016 the Township Solicitor advised that she had been contacted by the solicitor for A.J. Bloenski who advocated that the Advanced bid was materially deficient for the reason stated above.

In my opinion the bid from A.J. Blosenski is the lowest responsible and responsive bidder.

Suggested motion: I move that we reject the bid from Advanced Disposal Services Eastern PA, Inc. since it is unresponsive to Section 24. ADDENDA of the bid specifications and award the bid for the collection of municipal waste and recycling services to the lowest responsible and responsive bidder, A.J. Blosenski, Inc. in the amount of \$694,920.36.



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

August 30, 2016



Dear Mr. Smith:

Advanced Disposal Services Eastern PA, Inc. appreciates the opportunity to bid the East Goshen Solid Waste and Recycling contract. This letter is to inform you that we did receive Addendum # 1 of the bid, yet negelected to mark the addendum acknowledgement page. This correspondence will serve to confirm our acknowledgement of the Addendum. The Addendum's content was clearly identified in the bid specifications. It was clear in the bid specifications that ALL disposal would be paid for by the Township and that this was not a responsibility of the hauler. Advanced Disposal has not gained any competitive advantage by acknowledging the addendum after the submission of its proposal. The Addendum does not affect the work to be performed for the Township, or the costs to the Township. In fact, Advanced Disposal would have submitted a much larger bid proposal if we included a disposal component as part of our costs.

It is mentioned several times in the bid specifications that the Township reserves the right to waive technicalities and make an award that is in the best interst of the Township. We are hoping that the Township recognizes this oversight as a minor technical deficiency and awards the contract to Advanced Disposal Services.

Thank you for your time and consideration regarding this issue. Please feel free to contact me if you have any questions or concerns at 717-729-0539, or via email at ronald.carlson@advanceddisposal.com.

Sincerely,

Ron Carlson

Municipal Marketing Manager

Memo
East Goshen Township

Date: September 1, 2016
To: Board of Supervisors
From: Rick Smith, Township Manager
Re: Roofing Bids.

We opened bids on August 30, 2016 for the replacement of the flat roof over the Public Works section of the Township Building.

Bid Results are as follows:

Pro Com Roofing Corp.	\$220,653.00
Laurant Construction Co. Inc.	\$226,026.00
Wilkinson Roofing & Siding, Inc.	\$269,433.00
Garvey Roark, LLC	\$283,362.00
Premier Roofing Services LLC	\$285,317.00
D.A. Nolt, Inc.	\$395,000.00
Jottan, Inc.	\$6,110,826.00*

*It appears that Jottan, Inc. made an error in filling out the bid form.

On August 29, 2016, I received a letter and proposal from A. Poletto & Associates, for an alternative to the roof replacement bid. Mr. Poletto who is the President of the company is a Township resident.

I asked the Township Engineer for his comments on the alternative suggested by Mr. Poletto and I should have the report by the meeting. I would add that the cost stated in the proposal is over the bidding threshold and if the cost exceeds \$25,000 it would have to be a prevailing wage project.

September 1, 2016

EGOS 0007

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

RE: Municipal Building Roof Replacement

Dear Rick:

At 10:00 AM on August 30, 2016 bids were opened for the referenced project. The bid results are as follows:

<u>Contractor:</u>	<u>Bid Amount:</u>
Pro Com Roofing Corp.	\$220,653.00
Laurant Construction Co. Inc.	\$226,026.00
Wilkinson Roofing & Siding, Inc.	\$269,433.00
Garvey Roark, LLC	\$283,362.00
Premier Roofing Services LLC	\$285,317.00
D.A. Nolt, Inc.	\$395,000.00
Jottan, Inc.	\$6,110,826.00

We have enclosed a copy of the bid tabulation for your records.

Please note that both Pennoni and the Township have worked with Pro Com Roofing Corp. in the past and have found their work to be satisfactory.

Based on the above, it is our recommendation to award the project to Pro Com Roofing Corp. in the amount of \$220,653.00 contingent upon their execution of the contract and supply of the required bonds and insurance. If the Board of Supervisors agrees with our recommendation, please notify my office so that the necessary contract documents may be prepared.

If you have any questions or require additional information, please contact me.

Sincerely,

PENNONI



Nathan M. Cline, PE
Township Engineer

cc: Mark Miller, Director of Public Works (via email)

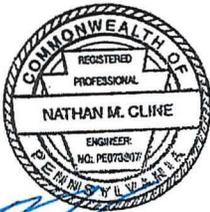
EGOS0007 East Goshen Township Tabulation of Bids Received Until 10:00 A.M. Prevailing time on August 30, 2016 Municipal Building Roof Replacement	Pro Com Roofing Corp. 374 Easton Road Warrington, PA 18976 walt@procomroofing.com Walt Murphy 215-491-4225	Laurant Construction Co. Inc 3 Meadows Court Pennington, NJ 08534 laurant333@aol.com Christine Canosa 609-818-0016	Wilkinson Roofing & Siding, Inc. 1000 First State Blvd Wilmington, DE 19804 officeadmin@wilkinsonroofing.com Jennifer Harris 302-998-0176	Garvey Roark, LLC 600 B Snyder Ave. West Chester, PA 19365 john@garveyroark.com John Peck 610-738-4661	Premier Roofing Services LLC 138 Wyandotte Street Lester, PA 19029 shanem@premierroofingservices.com Shawn Myers 610-353-4003	D.A. Nolt, Inc. 53 Cross Keys Road Berlin, NJ 08009 matt@danolt.com Matthew Ott 876-753-9333	Jottan, Inc. PO Box 166 Florence, NJ 08518 salesadmin@jottan.com Caroline Smith 609-447-6200
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ITEM NO.	QUANTITY/UNIT	DESCRIPTION	UNIT PRICE	AMOUNT												
1	1	LS														
		Mobilization	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00
2	1	LS														
		Removal of existing roofing system	\$47,000.00	\$47,000.00	\$21,250.00	\$21,250.00	\$19,200.00	\$19,200.00	\$29,000.00	\$29,000.00	\$10,000.00	\$10,000.00	\$30,450.00	\$30,450.00	\$37,500.00	\$37,500.00
3	1	LS														
		Installation of new roofing system	\$133,173.00	\$133,173.00	\$174,096.00	\$174,096.00	\$198,233.00	\$198,233.00	\$187,382.00	\$187,382.00	\$237,782.00	\$237,782.00	\$308,090.00	\$308,090.00	\$154,676.00	\$154,676.00
4	1	LS														
		Installation of new gutter and downspouts	\$24,000.00	\$24,000.00	\$13,900.00	\$13,900.00	\$29,200.00	\$29,200.00	\$48,000.00	\$48,000.00	\$24,490.00	\$24,490.00	\$24,000.00	\$24,000.00	\$36,500.00	\$36,500.00
5	1	LS														
		Infra-red scan of the roof after construction	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,650.00	\$2,650.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
6	830	SF														
		Replacement of metal deck	\$6.00	\$4,980.00	\$6.00	\$4,980.00	\$10.00	\$8,300.00	\$6.00	\$4,980.00	\$6.50	\$5,395.00	\$12.00	\$9,960.00	\$7,055.00 *	\$5,885,650 *
Grand Total Bid for Contract				\$220,653.00		\$226,026.00		\$269,433.00		\$283,362.00		\$285,317.00		\$395,000.00		\$6,110,826.00
Bid Security			10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond	

* Note: It appears the \$7,055.00 cost was intended as a total lump sum cost, rather than unit cost. If this lump sum is used, the total bid for Jottan, Inc. would have been \$262,231.00.

We declare this to be a true Tabulation of Bids received until 10:00 AM on August 30, 2016 by the Township of East Goshen for the Municipal Building Roof Replacement

PENNONI



Nathan Cline, PE PENNA. REG. NO. 073807

POLETTO

A. Poletto & Associates, Inc.
829 Lincoln Ave., Unit 12 • West Chester, PA 19380
610.524.5529 • Fax 610.431.4829

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

August 29, 2016
RE: East Goshen
Township Garage
Roof

Dear Rick,

A. Poletto & Associates, Inc. is a local commercial roofing company whose owner is a resident of East Goshen Township.

A few years ago A. Poletto & Associates, Inc. was engaged to do necessary repairs to the low slope roof on the garage.

This work consisted of removal and replacement of a portion of roofing membrane and insulation at the gutter edge as well as the installation of a new seamless 7" box gutter system. Along with this work, a Kynar finished coping system was installed to cover the exposed masonry on the parapet wall on the west edge of the roof.

Since this work was completed, no leaks have been reported.

We have reviewed the engineer's report and included alternate specifications for the proposed reroof of this section of roof.

The engineer's specifications included the total removal of the existing roofing system down to the steel deck and replacement of the coping and gutter systems.

Given our knowledge of the repairs that were made and the installation of the gutter and coping system both of which are in excellent condition and have a projected life span of 15 years plus, we would propose a life extending restoration system to be installed directly over the existing asphalt based membrane roof system which would include leaving the gutter and coping systems in place.

This system has proven itself in extending a viable roof system for 10 years plus. Given no leaks have been reported, this roof system would be an excellent candidate for the system we propose.

A. Poletto & Associates, Inc. has been installing these roof restoration systems for over 20 years and can show the value of restoring a roof system vs. removal and disposal of a completely viable roof and insulation system.

It is our opinion the dramatic savings in cost and the fact that these systems would save the disposal into a landfill of a completely satisfactory roof system and insulation is an option that the supervisors should strongly consider.

Project profiles on some of our restoration projects, some of which are approaching 15 years old, can be provided.

Please review the enclosed proposal and contact us with any questions.

Anthony Poletto / RSE

Anthony Poletto
President
A. Poletto & Associates, Inc.

POLETTO

A. Poletto & Associates, Inc.
829 Lincoln Ave., Unit 12 • West Chester, PA 19380
610.524.5529 • Fax 610.431.4829

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

August 29, 2016
RE: East Goshen
Maintenance Garage

Dear Rick,

A. Poletto & Associates, Inc. hereby proposes to furnish all labor and materials to perform the following scope of work on your facility in West Chester, PA:

Description:

1. Perform an infrared moisture scan on the field of the roof.
2. Remove existing wood equipment screen.
3. Cut back overhanging tree branches.
4. Power wash all asphalt membrane roof surfaces with minimum 2,500 psi cold water pressure washer.
5. Replace 3 flashing collars on 4" round vent pipes with new galvanized 8" tall cone collars.
6. Install tapered insulation cricket behind HVAC unit to drain water around unit.
7. Flash all walls and projections with Acrymax and polyester reinforcing fabric.
8. Cover all seams in field membrane with Acrymax and 6" polyester reinforcing fabric.
9. Cover entire roof and flashing with 2 coats of Acrymax AF-130.

Base contract price: \$24,300.00

- NOTES:**
- A. All of our construction related trash will be removed from the jobsite by A. Poletto & Assoc. Inc.
 - B. Any required repairs to the underlying roof structure and any other work not specified above will be performed on a time and materials basis by A. Poletto & Associates, Inc. with labor billed at \$70.00 per man hour and materials at cost plus 10 %.
 - C. All permits and associated costs, if necessary, are assessed after final scope is determined.
 - D. All interior protection to be done by others.
 - E. Any rooftop equipment that must be moved or lifted in order to complete the scope of work above to be done by others.

WARRANTY: The above-described work will carry the manufacturer's 5-year materials warranty and will be warranted by A. Poletto & Associates, Inc. against defects in installation for a 5-year period. This warranty is limited solely to the labor for the initial installation of the above work. It does not cover any leaks and/or damage caused by any other source. A. Poletto & Associates, Inc.'s liability is limited solely to the labor to repair any defects in the initial installation of the above work, and shall in no event include incidental or consequential damages of any kind. This warranty will remain in effect contingent upon final payment being received.

INSURANCE: A. Poletto & Associates, Inc. carries liability and worker's compensation insurance for your protection and ours. A copy of our certificate of insurance is available to you upon request.

The above work will be performed in a professional and workmanlike manner for the sum specified above.

TERMS: 50% due upon delivery of materials.
Balance due and payable in full immediately upon completion of work.

This proposal is valid for ten (10) days from this date. After that time, we may pass on to you any increased costs of materials and/or labor.

Submitted by:

Accepted by:

Anthony Poletto RJE

Anthony Poletto
President
A. Poletto & Associates, Inc.

Name Date

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

August 24, 2016

To: Board of Supervisors

From: Mark Miller

Re: Truck Replacement

We are scheduled to replace the 2007 F350. \$45,000 was budgeted for this purpose in the 2016 Sinking Fund budget. This truck has been plagued with engine problems over the past 3 years. The truck has over 102,000 miles on it and 15,000 engine hours. It also has seen its share of snow plowing. I got pricing for a new 2017 F350 from two dealers through COSTARS.

Hoskins Ford:

Purchase Price:	\$47,643.00
Trade Allowance:	\$15,200.00
Net Price:	\$32,443.00
Snow Plow:	\$6,200.00
Lighting:	\$2,500.00
Total Cost:	\$41,143.00

New Holland Ford:

Purchase Price:	\$49,945.00
Trade Allowance:	\$14,500.00
Net Price:	\$35,445.00
Snow Plow:	\$6,200.00
Lighting:	\$2,500.00
Total Cost:	\$44,145.00

I would recommend that we purchase a 2017 Ford F350 through Hoskins Ford for \$41,143.

Memo

To: Board of Supervisors
From: Jon Altshul
Re: Consider Recreation Payment Portal
Date: August 31, 2016

On February 16th, the Board approved a motion to contract with AMS for the development of a payment portal for recreation programs. This system was recommended in the Township's 2015 Parks, Recreation and Open Space Plan. By mid-August, it was clear that AMS's portal was not up to the Township's standards, and we terminated that agreement. AMS has agreed to credit us for our costs.

We are now recommending that the Board of Supervisors consider alternate vendors. The table below shows the other four vendors that provided us with quotes back in the winter.

Name	Location	Annual Cost (excludes convenience fee charged by payment processor)
MyRec	Killington, VT	\$3,295 for \$50,000-\$100,000 in revenue; \$3,595 for \$100,000-\$200,000 in revenue
Sports Pilot	Allen, TX	\$3 per registrant (or ~\$3,300 per year), plus a one-time \$300 set-up fee
RecTrac	Essex Junction, VT	At least \$11,388, plus a \$11,475 one-time set-up fee
RecDesk	East Hartford, CT	\$4,400

In the past two weeks, Jason and I have spoken again with MyRec and SportPilot. Both companies are able to have a portal operational within two weeks.

In southeastern Pennsylvania, MyRec has done rec portals for Doylestown, Warrington, Northampton and Warwick townships (note that no Chester County municipality has a recreation portal). MyRec received very positive praise from the references we contacted. SportsPilot has developed portals for various non-profit and private sports leagues in southeastern Pennsylvania, but not, to our knowledge, for any area municipalities.

The two companies are similar on price, although they use different pricing models (SportsPilot's is based on registrants, while MyRec's is based on revenue). Assuming that East Goshen has the same number of registrants and recreation revenue in 2017 as in 2015, MyRec would cost \$3,295 per year and SportsPilot would cost \$3,300 per year (plus an additional \$300 in the first year). These costs exclude convenience fees, which would add 2%-3% to the cost of each transaction. Also, remember that we raised all recreation program costs by \$5 across the board in order to offset the cost of the portal and the convenience fees.

Based on its experience with Pennsylvania municipalities and strong recommendations from other Pennsylvania municipalities, we recommend that the Township contract with MyRec for the development of a recreation payment portal.

Suggested motion: I move that we contract with MyRec for a payment portal at an estimated cost of \$3,295 per year.

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Voice: 610-692-7171
Fax: 610-692-8950
E-mail: mgordon@eastgoshen.org

Date: 8/31/2016
To: Board of Supervisors
From: Mark Gordon, Township Zoning Officer 
Re: Financial Security Agreement / Lot 1 1662 E. Boot Rd. (1668)

Dear Board Members:

Renehan Building Group has sold lot 1 of the 1662 E. Boot Rd. project and the new owner has provided the Township with a Financial Security agreement for the improvements proposed. The Township Engineer has approved the Construction Cost Estimates and the staff recommendation is to approve the Financial Security agreement.

Draft Motion:

Mr. Chairman, I move that we approve financial security agreement for the development proposed for 1662 E. Boot Rd., Lot 1.

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Voice: 610-692-7171

Fax: 610-692-8950

E-mail: mgordon@eastgoshen.org

Date: 9/1/2016
To: Board of Supervisors
Planning Commission
From: Mark Gordon, Township Zoning Officer
Re: DAS Ordinance

Dear Supervisors and Commissioners,

The Township Staff has worked with The Cohen Law Group and Unruh Turner Burke and Frees, P.C. to develop a Zoning Ordinance amendment to regulate DAS Communication Systems. DAS (Distributed Antenna Systems) are employed by communications companies to expand their digital communication footprint in communities, primarily to improve their wireless data capabilities. This issue was identified by the COG and East Goshen participated in this endeavor to develop regulations to protect our property owners from the impacts of these facilities.

Staff Recommendation:

Staff recommends that the revised ordinance be submitted to the CCPC for review and comment.

Draft Motion:

Mr. Chairman, I move that staff submit the ordinance to the CCPC for review and comment.

1
2 **TOWNSHIP OF EAST GOSHEN**
3 **CHESTER COUNTY, PENNSYLVANIA**

4
5 **ORDINANCE NO. _____**

6 **AN ORDINANCE OF THE TOWNSHIP OF EAST GOSHEN, CHESTER**
7 **COUNTY, PENNSYLVANIA; PROVIDING FOR THE AMENDMENT OF**
8 **THE ZONING ORDINANCE OF EAST GOSHEN TOWNSHIP, AS**
9 **CODIFIED AT CHAPTER 240 OF THE EAST GOSHEN TOWNSHIP**
10 **CODE; PROVIDING FOR PURPOSES AND FINDINGS OF FACT**
11 **RELATED TO THE ADOPTION OF THE AMENDMENT; PROVIDING**
12 **FOR ADDITIONAL DEFINITIONS; ESTABLISHING CERTAIN**
13 **GENERAL AND SPECIFIC STANDARDS RELATING TO THE**
14 **LOCATION, PLACEMENT, CONSTRUCTION AND MAINTENANCE OF**
15 **WIRELESS COMMUNICATIONS FACILITIES WITHIN THE PUBLIC**
16 **ROAD RIGHTS-OF-WAY; PROVIDING FOR THE ENFORCEMENT OF**
17 **SAID REGULATIONS; AND PROVIDING FOR AN EFFECTIVE DATE.**

18
19 **NOW THEREFORE**, be it, and it is hereby **ORDAINED** by the Board of Supervisors of
20 the Township of East Goshen, Chester County, Commonwealth of Pennsylvania, and it is hereby
21 **ENACTED** and **ORDAINED** by authority of same as follows:

22 **SECTION I. Purposes and Findings of Fact.**

23 A. The purpose of this Ordinance is to maintain uniform standards for the siting, design,
24 permitting, maintenance, and use of antennae and non-traditional wireless
25 communications towers in East Goshen Township. While the Township recognizes the
26 importance of wireless communications facilities in providing high quality
27 communications service to its residents and businesses, the Township also recognizes that
28 it has an obligation to protect public safety and to minimize the adverse visual effects of
29 such facilities through the standards set forth in the following provisions.

30
31 B. By enacting this Ordinance, the Township intends to:

32
33 a. Provide for the managed development of wireless communications facilities in a
34 manner that enhances the benefits of wireless communication and accommodates
35 the needs of both Township residents and wireless carriers in accordance with
36 federal and state laws and regulations;

37
38 b. Establish procedures for the design, siting, construction, installation, maintenance
39 and removal of wireless communications facilities in the Township, including
40 facilities both inside and outside the public road right-of-ways;

- c. Address new wireless technologies, including but not limited to, distributed antenna systems, data collection units, cable wi-fi and other wireless communications facilities;
- d. Treat each communications services provider in a nondiscriminatory and competitively neutral manner in exercising the Township’s authority; and
- e. Update the Township’s wireless facilities regulations to incorporate changes in federal and state laws and regulations.

SECTION II. Definitions.

Section 240-6 of the East Goshen Township Zoning Ordinance is hereby amended to include the following definitions to the “Definitions” section in Part B:

1. *Abandon* or *Abandonment* – The permanent cessation of all uses of a wireless communications facility or a commercial communications antenna.
2. *Distributed Antenna Systems (DAS)*— A network of spatially separated Antenna sites connected to a common source that provides wireless service within a geographic area or structure. Also known as Small Cell Networks.
3. *Emergency*— A condition that (1) constitutes a clear and immediate danger to the health, welfare, or safety of the public, or (2) has caused or is likely to cause facilities in the Rights-of-Way to be unusable and result in loss of the services provided.
4. *FCC*— Federal Communications Commission.
5. *Monopole*— A wireless communications facility or site which consists of a single pole structure, designed and erected on the ground or on top of a structure, to support communications Antennae and connecting appurtenances.
6. *Related Equipment*— Any piece of equipment related to, incident to, or necessary for, the operation of a Wireless Communications Facility, either Tower or Antenna. By way of illustration, not limitation, “Related Equipment” includes generators and base stations.
7. *Stealth Technology*—Camouflaging methods applied to wireless communications facilities and antennae which render them more visually appealing or blend the proposed facility into the existing structure or visual backdrop in such a manner as to render it minimally visible to the casual observer. Such methods include, but are not limited to, architecturally screened roof-mounted Antennae, building-mounted Antennae painted to match the existing structure and facilities constructed to resemble trees, shrubs, and light poles.
8. *Substantially Change*—(1) Any increase in the height of a Wireless Support Structure by more than 10%, or by the height of one additional Antenna array with separation from the

1 nearest existing Antenna not to exceed twenty (20) feet, whichever is greater, except that
2 the mounting of the proposed Wireless Communications Facility may exceed the size
3 limits set forth herein if necessary to avoid interference with existing Antennae; or (2)
4 any further increase in the height of a Wireless Support Structure which has already been
5 extended by more than 10% of its originally approved height or by the height of one
6 additional Antenna array.

- 7
8 9. *Wireless*—transmissions through the airwaves including, but not limited to, infrared line
9 of sight, cellular, PCS, microwave, satellite, or radio signals.

10
11 **SECTION III. Amendment**

12
13 Section 240-31.C.(3)(h) of the East Goshen Township Zoning Ordinance is hereby
14 amended to include Section IV as subsection [4] and section V as subsection [5] following the
15 current subsection [3] for wireless communication facilities standards.

16
17 **SECTION IV. Standards for Commercial Communications Antennae in the Public**
18 **Road Right-of-Ways**

19
20 [4.] Commercial communications antennae in the public rights-of-way.

21
22 a. Standards for commercial communications antennae erected in the public rights-of-
23 way. All applicants seeking to construct, erect, or relocate a commercial
24 communications antenna shall comply with the following regulations. A written
25 narrative that addresses how the applicant will meet each of the regulations listed
26 below shall be submitted with the conditional use application, unless the proposed
27 facility falls under the provisions of the Pennsylvania Wireless Broadband Colocation
28 Act.

29
30 b. Conditional use application. A conditional use application shall be completed by any
31 applicant desiring to place a commercial communications antenna in the public road
32 right-of-ways (“ROW”). The application shall be submitted to the Township Zoning
33 Office and shall demonstrate that the proposed facility meets all of the following
34 specifications:

35
36 a. Co-location, Location and Siting.

37
38 i. Co-location. Commercial communications antennae in the ROW shall
39 be located on existing utility poles that already have commercial
40 communications antenna. If such location is not technologically
41 feasible, the Applicant shall locate its commercial communications
42 antennae on existing poles that do not already have antenna attached to
43 it.

1 ii. Location. Commercial communications antennae in the ROW are
2 permitted in all zoning districts subject to the restrictions and
3 conditions prescribed below.
4

5 iii. Siting.
6

7 1. Prohibited on Certain Structures. Commercial communications
8 antennae shall not be located on any building in the ROW.
9

10 iv. Design regulations.
11

12 1. Antenna installations located above the surface grade in the
13 ROW including, but not limited to, those on utility poles, shall
14 consist of equipment components that are no more than six (6)
15 feet in height and that are compatible in scale and proportion to
16 the structures upon which they are mounted. All equipment
17 shall be the smallest and least visibly intrusive equipment
18 feasible.
19

20 2. Antennae and all support equipment shall be treated to match
21 the supporting structure. Facilities and accompanying
22 equipment shall be painted, or otherwise coated, to be visually
23 compatible with the support structure upon which they are
24 mounted.
25

26 3. Equipment location. Commercial communications antennae
27 and accessory equipment shall be located so as not to cause any
28 physical or visual obstruction to pedestrian or vehicular traffic,
29 or to otherwise create safety hazards to pedestrians and/or
30 motorists or to otherwise inconvenience public use of the ROW
31 as determined by the Township. In addition:
32

33 a. Ground-mounted equipment and electrical meter
34 cabinets shall be screened, if deemed appropriate and if
35 done in a manner that does not impact sight line
36 distances, through the use of landscaping or other
37 decorative features to the satisfaction of the Township.
38

39 b. Any proposed underground vault related to commercial
40 communications antennae shall be reviewed and
41 approved by the Township.
42

43 v. Public safety communications. The applicant shall submit proof that
44 the proposed antenna will not interfere with public safety
45 communications or the reception of broadband, television, radio or
46 other communication services.

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- c. Relocation or Removal. Within sixty (60) days following written notice from the Township, or such longer period as the Township determines is reasonably necessary or such shorter period in the case of an Emergency, an owner of an antenna in the ROW shall, at its own expense, temporarily or permanently remove, relocate, change or alter the position of any antenna when the Township, consistent with its police powers and applicable Public Utility Commission regulations, shall have determined that such removal, relocation, change or alteration is reasonably necessary under the following circumstances:
 - i. The construction, repair, maintenance or installation of any Township or other public improvement in the ROW; or
 - ii. The operations of the Township or other governmental entity in the ROW; or
 - iii. Vacation of a street or road; or
 - iv. An Emergency as determined by the Township.

- d. Financial Security. Prior to receipt of a zoning permit for the construction or placement of a commercial communications antenna, the applicant shall provide to the Township financial security sufficient to guarantee the removal of the proposed antenna. The applicant shall submit an estimate of such removal costs to the Township Engineer for review and approval of same. Said financial security shall remain in place until the antenna is removed.

- e. Standard of care. Any commercial communications antenna covered by this ordinance shall be designed, constructed, operated, maintained, repaired, modified and removed in strict compliance with all current applicable technical, safety and safety-related codes, including but not limited to the most recent editions of the American National Standards Institute (ANSI) Code, National Electrical Safety Code, and National Electrical Code. All antennae shall at all times be kept and maintained in good condition, order and repair by qualified maintenance and construction personnel, so that the same shall not endanger the life of any person or any property in the Township.

- f. Wind. Any commercial communications antennae shall be designed to withstand the effects of wind according to the standard designed by the American National Standards Institute as prepared by the engineering departments of the Electronics Industry Association, and Telecommunications Industry Association (ANSI/EIA-222-E Code, as amended).

- g. Maintenance. The commercial communications antenna shall be fully automated and unattended on a daily basis and shall be visited only for maintenance or emergency repair. Such maintenance shall be performed to ensure the upkeep of the facility in

1 order to promote the safety and security of the Township's residents. All
2 maintenance activities shall utilize nothing less than the best available technology for
3 preventing failures and accidents.
4

- 5 h. Radio Frequency Emissions. No commercial communications antenna may, by itself
6 or in conjunction with other antennae, generate radio frequency emissions in excess
7 of the standards and regulations of the FCC, including but not limited to, the FCC
8 Office of Engineering Technology Bulletin 65 entitled "Evaluating Compliance with
9 FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields,"
10 as amended.
11
- 12 i. Abandonment. In the event that use of a commercial communications antenna is
13 discontinued, the owner shall provide written notice to the Township of its intent to
14 discontinue use and the date when the use shall be discontinued. Unused or
15 abandoned antennae or shall be removed as follows:
16
- 17 i. All abandoned or unused antennae and accessory facilities shall be
18 removed within two (2) months of the cessation of operations at the
19 site unless a time extension is approved by the Township.
20
 - 21 ii. If the antenna is not removed within two (2) months of the cessation of
22 operations at a site, or within any longer period approved by the
23 Township, the antenna and any related equipment may be removed by
24 the Township and the cost of removal assessed against the owner of
25 the antenna.
26
- 27 j. Time, place and manner. The Township shall determine the time, place and manner
28 of construction, maintenance, repair and/or removal of all commercial
29 communications antennae in the ROW based on public safety, traffic management,
30 physical burden on the ROW, and related considerations. For public utilities, the
31 time, place and manner requirements shall be consistent with the police powers of the
32 Township and the requirements of the Public Utility Code.
33
- 34 k. Insurance. Each Person that owns or operates a commercial communications antenna
35 shall provide the Township with a certificate of insurance evidencing general liability
36 coverage in the minimum amount of \$1,000,000 per occurrence and property damage
37 coverage in the minimum amount of \$1,000,000 per occurrence covering the
38 commercial communications antenna.
39
- 40 l. Indemnification. Each Person that owns or operates a commercial communications
41 antenna shall, at its sole cost and expense, indemnify, defend and hold harmless the
42 Township, its elected and appointed officials, employees and agents, at all times
43 against any and all claims for personal injury, including death, and property damage
44 arising in whole or in part from, caused by or connected with any act or omission of
45 the Person, its officers, agents, employees or contractors arising out of, but not
46 limited to, the construction, installation, operation, maintenance or removal of the

1 commercial communications antenna. Each Person that owns or operates a
2 commercial communications antenna shall defend any actions or proceedings against
3 the Township in which it is claimed that personal injury, including death, or property
4 damage was caused by the construction, installation, operation, maintenance or removal
5 of a commercial communications antenna. The obligation to indemnify, hold harmless
6 and defend shall include, but not be limited to, the obligation to pay judgments,
7 injuries, liabilities, damages, reasonable attorneys' fees, reasonable expert fees, court
8 costs and all other costs of indemnification.

9
10 m. Co-locations and modifications that fall within the provisions of the Pennsylvania
11 Wireless Broadband Collocation Act or amendments thereto or similarly applicable
12 federal statutes.

13
14 a. Section 4 (a-d) shall not apply to facilities which are governed by the
15 Pennsylvania Wireless Broadband Collocation Act. To the extent permitted
16 by law, the remaining provisions in Section 4 (e-l) shall apply to co-location
17 applicants desiring to place new antennae on existing wireless
18 communications facilities, as well as those applicants desiring to modify
19 existing facilities. Any applicant proposing the collocation or modification of
20 a commercial communications antenna shall submit a building permit to the
21 Township Zoning Office.

22
23 b. Timing. Within thirty (30) calendar days of the date that an application for a
24 Commercial communications antenna is filed with the Township, the
25 Township shall notify the applicant in writing of any information that may be
26 required to complete such application. Within ninety (90) calendar days of
27 receipt of a complete application, the Township shall make its final decision
28 on whether to approve the application and shall advise the applicant in writing
29 of such decision. If additional information was requested by the Township to
30 complete an application, the time required by the applicant to provide the
31 information shall not be counted toward the Township's ninety (90) day
32 review period.

33
34 **Section V. Standards for Wireless Communications Facilities in the Public Road Rights-**
35 **of-Way**

36
37 [5]. Wireless communications facilities in the public rights-of-way

38
39 a. Standards for wireless communications facilities erected in the public rights-of-
40 way. All applicants seeking to construct, erect, or relocate a wireless
41 communications facility shall comply with the following regulations. A written
42 narrative that addresses how the applicant will meet each of the regulations listed
43 below shall be submitted with the conditional use application.

44
45 b. Conditional use application. A conditional use application shall be completed by
46 any applicant desiring to erect wireless communications facilities in the public

1 ROW. The application shall be submitted to the Township Zoning Officer and
2 shall demonstrate that the proposed facility meets all of the following
3 specifications:
4

5 i. Location and Height.
6

- 7 1. Maximum Height. Wireless communications facilities greater than
8 forty-five (45') feet in height shall be prohibited in the public
9 rights-of-way. An increased height - not to exceed fifty-five (55')
10 feet - may be permitted if shown by the Applicant to be necessary
11 to provide increased capacity and adequate coverage in that service
12 area.
13
14 2. Height Extensions. Any height extensions (not co-locations) to an
15 existing wireless communications facility shall require prior
16 approval of the Township, and shall not increase the overall height
17 of the facility to more than forty-five (45') feet unless shown to be
18 warranted as set forth in subsection 1 immediately above. The
19 Township reserves the right to deny such requests based upon
20 aesthetic and land use impact, or any other lawful considerations
21 related to the character of the Township.
22
23 3. Location. Wireless communications facilities forty-five (45') feet
24 or shorter in height (or fifty-five (55') feet or shorter in height if
25 warranted as described above) shall be permitted within the ROW
26 of the roads as listed and specifically described in Attachment 4 –
27 Aerial Utility Roadways – found under the General References
28 section of Chapter 240: Zoning.
29

30 ii. Design Regulations.
31

- 32 1. Stealth Technology. The wireless communications facility shall
33 employ the most current Stealth Technology available in an effort
34 to appropriately blend into the surrounding environment and
35 minimize aesthetic impact. The application of the Stealth
36 Technology chosen by the applicant shall be subject to the
37 approval of the Township.
38
39 2. Other antennae. Any proposed wireless communications facility
40 shall be designed structurally, electrically, and in all respects to
41 accommodate multiple licensed wireless service providers.
42
43 3. Aviation Safety. Commercial communications antennae shall
44 comply with all federal and state laws and regulations concerning
45 aviation safety.
46

- 1 4. Signs. The proposed facility shall post a sign in a readily visible
2 location identifying the name and phone number of a party to
3 contact in the event of an emergency.
4
- 5 5. Lighting. No wireless communications facility shall be artificially
6 lighted, except as required by law. If lighting is required, the
7 applicant shall provide a detailed plan for sufficient lighting,
8 demonstrating as unobtrusive and inoffensive an effect as is
9 permissible under state and federal regulations.
10
- 11 6. Radio Frequency Emissions. No wireless communications facility
12 may, by itself or in conjunction with other facilities in its
13 respective vicinity, generate radio frequency emissions in excess of
14 the standards and regulations of the FCC, including but not limited
15 to, the FCC Office of Engineering Technology Bulletin 65 entitled
16 "Evaluating Compliance with FCC Guidelines for Human
17 Exposure to Radio Frequency Electromagnetic Fields," as
18 amended.
19
- 20 7. Wind. All wireless communications facilities shall be designed to
21 withstand the effects of wind according to the standard designed by
22 the American National Standards Institute as prepared by the
23 engineering departments of the Electronics Industry Association,
24 and Telecommunications Industry Association (ANSI/EIA-222-E,
25 as amended).
26

27 iii. Gap in Coverage.
28

- 29 1. Unless exempt from this requirement by Federal law, an applicant
30 for a wireless communications facility must demonstrate that a gap
31 in coverage and/or demand for increased capacity exists or is
32 anticipated within 12 months and that the type of facility being
33 proposed is the least intrusive means by which to fill that gap
34 and/or increase the capacity of wireless coverage..
35
- 36 2. The existence or non-existence of a gap in wireless coverage may
37 be a factor in the Township's decision on an application for
38 approval of wireless communications facilities in the ROW, at the
39 Board's discretion.
40

41
42 iv. Co-location and Strategic Siting.
43

- 44 1. Co-location. An application for a new wireless communications
45 facility shall not be approved unless the Township finds that the
46 wireless communications equipment planned for the proposed

1 facility cannot be accommodated on an existing or approved
2 structure or building.

3
4 a. The applicant shall demonstrate that it contacted the owners
5 of tall structures and towers located within ROWS in the
6 applicable service area required in order for the applicant to
7 provide the increased capacity needed, and permission to
8 install an Antenna was denied for one or more of the
9 following reasons:

10
11 i. The proposed Antenna and Related Equipment
12 would exceed the structural capacity of the existing
13 building, structure or tower, and its reinforcement
14 cannot be accomplished at a reasonable cost.

15
16 ii. The proposed Antenna and Related Equipment
17 would cause radio frequency interference with other
18 existing equipment for that existing building,
19 structure, or tower and the interference cannot be
20 prevented at a reasonable cost.

21
22 iii. Such existing buildings, structures, or towers do not
23 have adequate location, space, access, or height to
24 accommodate the proposed equipment or to allow it
25 to perform its intended function.

26
27 iv. A commercially reasonable agreement could not be
28 reached with the owner of such building, structure,
29 or tower.

30
31 b. Strategic Siting. Wireless communications facilities and
32 Related Equipment shall not interfere with, displace,
33 damage or destroy, any other facilities, including but not
34 limited to, sewers, gas or water mains, pipes, cables, or
35 conduits.

36
37 v. Equipment Location. The applicant shall at all times comply with and
38 abide by all applicable regulations governing wireless communications
39 facilities. Accessory equipment shall be located so as not to cause any
40 physical or visual obstruction to pedestrian or vehicular traffic, or to
41 otherwise create safety hazards to pedestrians and/or motorists or to
42 otherwise inconvenience public use of the ROW as determined by the
43 Township. In addition:

44
45 1. In no case shall ground-mounted equipment, walls, or landscaping
46 be located within 16 inches of the face of the curb.

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2. Ground-mounted equipment that cannot be located underground shall be screened, if deemed appropriate and in a manner that does not impact sight lines for traffic, through the use of landscaping or other decorative features to the satisfaction of the Township.
 3. Required electrical meter cabinets shall be screened to blend in with the surrounding area to the satisfaction of the Township.
 4. Any graffiti on the wireless communications facility or on any accessory equipment shall be removed at the sole expense of the owner within ten (10) business days of notice of the existence of the graffiti.
 5. Any underground vaults related to wireless communications facility shall be reviewed and approved by the Township.
- vi. Written Commitment. As a condition of approval for all wireless communications facilities in the ROW, the applicant shall provide the Township with a written commitment that it will allow other service providers to co-locate antennae on its wireless communications facilities where technically and economically feasible. The owner of a wireless communications facility shall not install any additional antennae without obtaining the prior written approval of the Township, so long as such antennae do not fall within the categories of permitted modifications or co-locations in the Wireless Broadband Collocation Act.
- vii. Miscellaneous Information.
1. Highway Occupancy Permit. The applicant shall obtain and provide the Township with a copy of the Highway Occupancy Permit from either Penn DOT or the Township as applicable.
 2. FCC License. If applicable, the applicant shall submit a copy of its current FCC license, including the name, address, and emergency telephone number for the operator any facilities located in the Township.
- viii. Restoration. After completion of any maintenance, placement, installation, or removal of any wireless communications facility in the ROW, the owner of such facility shall, at its own expense, restore the ROW to its original condition within twenty-five (25) days, or such longer period as may reasonably be required.
- c. Standard of care. All wireless communications facilities shall be designed, constructed, operated, maintained, repaired, modified and removed in strict

1 compliance with all current applicable technical, safety and safety-related codes,
2 including but not limited to, the most recent editions of the American National
3 Standards Institute (ANSI) Code, National Electrical Safety Code, National
4 Electrical Code, as well as the accepted and responsible workmanlike industry
5 practices of the National Association of Tower Erectors. Any facilities shall at all
6 times be kept and maintained in good condition, order and repair by qualified
7 maintenance and construction personnel, so that the same shall not endanger the
8 life of any person or any property in the Township.
9

- 10 d. Maintenance Standards. The following maintenance requirements shall apply: all
11 wireless communications facilities shall be fully automated and unattended on a
12 daily basis and shall be visited only for maintenance or emergency repair; such
13 maintenance shall be performed to ensure the upkeep of the facility in order to
14 promote the safety and security of the Township's residents; all maintenance
15 activities shall utilize nothing less than the best available technology for
16 preventing failures and accidents.
17
- 18 e. Time, Place and Manner. The installation shall be in accordance with the
19 requirements of the Highway Occupancy Permit issued for the facility.
20
- 21 f. Reservation of Rights. In accordance with applicable law, the Township reserves
22 the right to deny an application for the construction or placement of any wireless
23 communications facility for numerous factors, which include but are not limited
24 to, visual impact, design, and safety standards.
25
- 26 g. Relocation or Removal of Facilities. Within sixty (60) days following written
27 notice from the Township, or such longer period as the Township determines is
28 reasonably necessary or such shorter period in the case of an Emergency, an owner
29 of wireless communications facility in the ROW shall, at its own expense,
30 temporarily or permanently remove, relocate, change or alter the position of any
31 wireless communications facility when the Township, consistent with its police
32 powers and applicable Public Utility Commission regulations, shall determine that
33 such removal, relocation, change or alteration is reasonably necessary under the
34 following circumstances:
35
- 36 i. The construction, repair, maintenance or installation of any Township or
37 other public improvement in the right-of-way;
 - 38
 - 39 ii. The operations of the Township or other governmental entity in the right-of-
40 way;
 - 41
 - 42 iii. Vacation of a street or road or the release of a utility easement; or
 - 43
 - 44 iv. An Emergency as determined by the Township.
45

1 h. Notice of Transfer, Sale or Assignment. If the owner of a wireless
2 telecommunications facility in the ROW sells, transfers or assigns those facilities to
3 another party, the transferee, buyer or assignee shall be obligated to comply with the
4 regulations set forth in this Ordinance. Notice of the transfer, sale or assignment
5 shall be provided to the Township within thirty (30) days of the effective date of the
6 transfer, sale or assignment. Such notice shall include the contact information for the
7 transferee, buyer or assignee.

8
9 i. Insurance. Each Person that owns or operates a wireless communications facility
10 shall provide the Township with a certificate of insurance evidencing general
11 liability coverage in the minimum amount of \$1,000,000 per occurrence and
12 property damage coverage in the minimum amount of \$1,000,000 per occurrence
13 covering each facility.

14
15 j. Indemnification. Each Person that owns or operates a wireless communications
16 facility shall, at its sole cost and expense, indemnify, defend and hold harmless the
17 Township, its elected and appointed officials, employees and agents, at all times
18 against any and all claims for personal injury, including death, and property
19 damage arising in whole or in part from, caused by or connected with any act or
20 omission of the Person, its officers, agents, employees or contractors arising out
21 of, but not limited to, the construction, installation, operation, maintenance or
22 removal of the facility. Each Person that owns or operates a wireless
23 communications facility shall defend any actions or proceedings against the
24 Township in which it is claimed that personal injury, including death, or property
25 damage was caused by the construction, installation, operation, maintenance or
26 removal of facility. The obligation to indemnify, hold harmless and defend shall
27 include, but not be limited to, the obligation to pay judgments, injuries, liabilities,
28 damages, reasonable attorneys' fees, reasonable expert fees, court costs and all
29 other costs of indemnification.

30
31 k. Financial Security. Prior to receipt of a zoning permit for the construction or
32 placement of a wireless communications facility, the applicant shall provide to the
33 Township financial security sufficient to guarantee the removal of the proposed
34 wireless communications facility. The applicant shall submit an estimate of such
35 removal costs to the Township Engineer for review and approval of same. Said
36 financial security shall remain in place until the facility is removed.

37
38 **SECTION VI. Miscellaneous**

39
40 a. Police Powers. The Township, by granting any permit or taking any other action
41 pursuant to this Chapter, does not waive, reduce, lessen, impair, or otherwise limit the
42 lawful police powers vested in the Township under applicable federal, state and local
43 laws and regulations.

44
45 b. Severability. If any section, subsection, sentence, clause, phrase or word of this
46 Ordinance is for any reason held illegal or invalid by any court of competent

1 jurisdiction, such provision shall be deemed a separate, distinct and independent
2 provision, and such holding shall not render the remainder of this Chapter invalid.

3

4 c. Effective Date. This Ordinance shall become effective five (5) days after enactment by
5 the Board of Supervisors of East Goshen Township.

6

7 ENACTED AND ORDAINED this ____ day of _____, 2016.

8

9 ATTEST:

**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS:**

10

11

12

13

14 _____
Secretary

Chairman

15

16

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18 F:\Data\Shared Data\Admin Dept\Township Code\Wireless Communications (DAS) 2014\418489.docx

DRAFT

ATTACHMENT 4 - AERIAL UTILITY ROADWAYS

The following roads located throughout the Township.

Airport Road (east side only)
Boot Road
Bramble Lane
Broad Street
Center Street
Cherry Street
Christine Lane
Clover Lane
Colonial Lane
Cornwallis Drive
Davis Circle
Dutton Mill Road
East Boot Road
East Strasburg Road
Edgewood Road
Edith Lane
Ellis Lane (east side only)
Forrest Lane
Greenhill Road
Heather Lane
Hershey Mill Road
Highland Avenue
Hill Street
Ivy Lane
Larch Lane
Line Road (west side only)
Locust Street
Manley Road (east of North Chester Road)
Manley Road (west of North Chester Road) (on the north side only)
Margo Lane
Meadowbrook Lane
Morstein Road
North Chester Road
Old West Chester Pike
Paoli Pike (east of Ellis Lane to Line Road)
Paoli Pike (east of Airport Road and west of Ellis Lane) (north side only)
Park Avenue
Raewyck Drive
Reservoir Road
Still Road
Taylor Avenue
Thistle Lane
Walnut Hill Road

West Chester Pike
Westtown Way
West Chester Pike
Williams Way

The following roads located in the Township with underground utilities in the I1 and BP Zoning Districts

East Wrights Lane
Enterprise Drive
Goshen Parkway
Enterprise Drive

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380
Voice: 610-692-7171
Fax: 610-692-8950
E-mail: mgordon@eastgoshen.org

Date: 8/19/2016
To: Board of Supervisors
From: Mark Gordon, Township Zoning Officer *MLG*
Re: SWM Operation and Maintenance Agreements

Dear Board Members:

I have the following Storm water management Operation and Maintenance Agreements to be approved.

1553 Colonial Ln.	Installation of an in-ground swimming pool.
411 Misak Dr.	Construction of a new single family home.
922 N. Chester Rd.	Construction of a new accessory building and paving
1507 Grand Oak Ln.	Installation of an in-ground swimming pool.

Draft Motion:

I move that we authorize the Chairman to execute the storm water management operation and maintenance agreements for:

1. 1553 Colonial Dr. *LA.*
2. 411 Misak Drive
3. 922 N. Chester Rd.
4. 1507 Grand Oak Ln.

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**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS SPECIAL MEETING
GOSHEN FIRE HOUSE
1320 PARK AVENUE, WEST CHESTER, PA
JUNE 28, 2016 – 7:00 pm
DRAFT MINUTES**

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

Call to order & Pledge of Allegiance:

Senya called the meeting to order at 7:03 pm and asked Eric Neast to lead the assembly in the Pledge of Allegiance.

Moment of Silence:

Carmen called for a moment of silence to honor the members of the military who keep us safe both locally and abroad, and to extend prayers to all those affected in the recent Orlando shootings tragedy.

Recording of Meeting: *Baxter Wellman, Lochwood Lane, stated that he would be recording the meeting. Senya acknowledged Adam Farence, Staff Writer for the Daily Local News, in the assembly.*

Chairman's Report: Senya introduced Eric Neast and David Graff of Gannett Fleming.

New Business:

Hershey's Mill Dam: Eric Neast gave a brief overview of the three repair options for Hershey's Mill Dam and the associated costs involved, noting that cost estimates are now appearing to be approximately 30% higher than initially quoted. The full report may be viewed under the **About Us** tab at www.eastgoshen.org.

Phil Young, Hershey's Mill Village, asked the Board if they considered using metal sheathing on the downside of the dam as a repair, which he understood to cost approximately \$100,000. Carmen commented that the Board reviewed many options, including using metal sheathing, and that the Department of Environmental Protection (DEP) would not allow it.

Gerry Connor, 36 Lochwood Lane, commented that the East Goshen residents are "being herded", and asked why the Board is putting up with this. Gerry Connor also asked the Board what would happen if nothing was done in this situation, and questioned the authority of "these DEP people". Rick noted that the regulating entity in this matter is the DEP (Department of Environmental Protection) which can impose fines of approximately \$1,500 per day, and civil actions against the Township if nothing is done. Senya also commented that safety and insurance concerns needed to be addressed in this matter. Mr. Brion further commented that this

1 matter has been under consideration for the past nine years. The DEP has labelled the dam as
2 unsafe and the Board would be faced with liability issues if they did nothing.

3
4 *Mike Lynch, 1226 Upton Circle*, stated he supports the lowest cost solution and that long term
5 costs should be considered.

6
7 *Kathryn Sloane, 1202 Burning Bush Lane*, stated that she has a view from her house of the pond,
8 which was the reason for buying her home. She said there are no fish left in the pond and she
9 favors the solution to maintain the pond. Rick stated that after the DEP earmarked the dam as
10 unsafe, the Township was unable to acquire insurance coverage from its current agency, and had
11 to shop for insurance on the secondary market.

12
13 *Ed Tomlinson, 1202 Foxglove Lane*, asked if any consideration was given to the water table, soil
14 settling, and neighboring foundations cracking in the absence of the pond. Mr. Townsend also
15 asked if there was ever a working mill at the dam site, and that he would like to see the
16 preservation of the dam for historical purposes. Rick stated that a working mill did once exist,
17 however the dam for it was located further upstream.

18
19 *Jan Wheeler, 1213 Candytuft Lane*, stated she favors the partial breach option as it has the lowest
20 cost factor and would maintain some of the original features of the pond. Rick stated that in a
21 partial breach there would be no pond remaining, but there would be a small waterfall over the
22 dam.

23
24 *Mr. DePurglia, a resident of Newtown Square*, stated that he grew up in East Goshen and would
25 want to see the dam preserved.

26
27 *Mr. Sussky, 1337 Sleepy Hollow Drive*, asked the Board what would happen to the pond area in
28 a full breach scenario. Marty said that upstream restoration would be required to make the area
29 attractive.

30
31 *Bob Sullivan, 33 Waterview Road*, commented that East Goshen is becoming “citified”, and that
32 there are very few open spaces left. He further asked the Board how much the Township wants
33 to spend to make the area look nice.

34
35 *Jim Brandolini, 1200 Burning Bush Lane*, stated that he has witnessed the long journey
36 surrounding the Hershey’s Mill Dam remedy. He is looking to sell his home in the not too
37 distant future and wants to see something done. Mr. Brandolini expressed his sadness to lose the
38 historical feature of the dam and pond, and wants to know what the end product will look like.
39 Rick stated that the deadline for action is December 1, 2018, whether it be fixing or breaching
40 the dam. Eric Neast stated that in a full breach the resulting area would mimic the original
41 environment.

42
43 *Jack Kinkelen, 1467 Greenhill Road*, expressed his desire to fix the dam, and that the Board
44 should not just be considering the cheapest solution.

1 *Ron McGill, 1050 Hershey Mill Road*, stated that he owns the Hershey's Mill House and wants
2 the pond and dam restored. He opined that it is the Township's duty to maintain the original
3 intent of this feature when it had been gifted to the Township. He expressed his opinion that if
4 the dam is fully breached, Mr. DeReimer's home will be turned into a floodplain, and that the
5 Township should create a fund for Mr. DeReimer to make up for his property value loss and for
6 the "taking" of Mr. DeReimer's property.

7
8 *Neil DeReimer, 1034 Hershey Mill Road*, expressed his opinion that if the dam is fully breached,
9 his home will become a floodplain. Mr. DeReimer also stated that his earlier fundraising efforts
10 had been thwarted due to his personal situation and asked the Board to hold off from making a
11 decision until December 2018. Carmen stated that seven years ago when the Board was prepared
12 to vote on this matter, he changed his vote to breach in order to give Mr. DeReimer and others
13 the opportunity to raise funds to repair the dam. Within those seven years, Mr. DeReimer's
14 fundraising group did nothing. Senya commented that seven years ago, monies had been
15 presented to help defray costs of breaching the dam, and that these funds are now lost. Mr. Brion
16 stated that the Board cannot wait another year for Mr. DeReimer's fundraising efforts, as the
17 permitting process would take that long. Mr. Brion also clarified that the Township is not
18 "taking" anyone's property.

19
20 *Mr. DePurglia, a resident of Newtown Square*, commented that breaching dams is more
21 environmentally responsible than repairing them.

22
23 *Ed Tomlinson, 1202 Foxglove Lane*, stated that he lives within 2,000 feet of the dam and that this
24 is the first time he has ever received notice of this topic. Rick clarified that notices are sent to
25 those residents within 1000 feet of the dam. Senya stated that the Board and Township have
26 promoted fully the success of the Friends of Hershey's Mill Dam and that Chuck Proctor has
27 offered his legal services, gratis, in helping the organization off the ground. Chuck noted for the
28 record that the entity of The Friends of Hershey's Mill Dam was created but the members of this
29 group never filed the paperwork with the Internal Revenue Service in order to create it as a
30 501(c)(3).

31
32 *Bob Sullivan, 33 Waterview Road*, wished to remind the Board that if the decision to breach the
33 dam is made tonight, the dam will be gone forever.

34
35 Marty commented that he and the entire Board understand the desire of the residents in the
36 assembly to maintain the Hershey's Mill Dam, and that they do not relish the decision before
37 them. Marty motioned to recommend a full breach of Hershey's Mill Dam, and to authorize the
38 Township Manager to begin the permitting process with the DEP and for construction to begin
39 after a contractor is chosen. Carmen seconded.

40
41 *Shirley Fox, 1711 East Boot Road*, commented that Board is not willing to spend \$600,000 to
42 remedy Hershey's Mill Dam, but they are willing to spend \$8 million to create the "path to
43 nowhere".

44
45 *Neil DeReimer, 1034 Hershey Mill Road*, asked Marty why he has chosen the full breach option.
46 Marty responded that it is the most effective way of handling the situation.

1
2 *Shirley Beck, 1225 Foxglove Lane*, stated that her deceased husband would be very disappointed
3 in what is happening. She urged the Board not to make the decision tonight, and commented that
4 the “Board does not know what they are talking about”.

5
6 *Mr. DePurglia, a resident of Newtown Square*, noted again that breaching the dam is better for
7 the environment than repairing it.

8
9 *Ron McGill, 1050 Hershey Mill Road*, asked how much was spent on the tree plantings in
10 Applebrook Park. Senya stated that the trees in Clymer’s Woods were paid for by the YMCA.

11
12 The Board voted unanimously in favor of the motion.
13 Senya called for a short break in the meeting at 8:50 p.m.

14
15 **Milltown Dam:** Eric Neast gave a brief synopsis of the dam and the possible solutions, with
16 associated costs and diagrams. David Graff recapped the sediment report, stating that the
17 sediment is classified as “Cleanfill”.

18
19 *Mike Lehmicke, 4 Reservoir Road*, stated that he sent an email to the Board. Mr. Lehmicke
20 stated his opinion that Option 7 would solve the DEP problem, but believes there would be
21 uncertainty about how to handle the sediment, and asked in Option 8, if the sediment would be
22 stabilized. Mr. Lehmicke also expressed concern for an increase of mosquitoes as well as urging
23 the Board to give a picture of the area when it’s complete and knowing how this would impact
24 their home values. Eric Neast stated his belief that Option 7 was a viable option, and that the
25 costs to remove the sediment would be approximately \$3.5 million.

26
27 *Baxter Wellmon, 46 Lochwood Lane*, stated that he takes offense at the Board’s claim that no
28 residents had written or showed concern for this issue.

29
30 *Antoinette Schorn, 28 Reservoir Road*, expressed her desire at maintaining the reservoir and dam,
31 as she lives near it and sees it every day, and thought the Township should run a fundraiser
32 towards this effort.

33
34 *Jim Seeley, 47 Lochwood Lane*, asked Mr. Neast if he favored Option #7, and whether the
35 sediment would be placed onto private property. Mr. Neast said he preferred Option #7. Marty
36 answered that the land in this area has been surveyed and the sediment would not be placed on
37 other properties.

38
39 *Paul Knox, 40 Lochwood Lane*, read a statement from Mr. Cab Willem (who was not present at
40 the meeting), and also stated his preference to save the dam and reservoir. Mr. Knox also stated
41 that his group should be allowed enough time to re-petition residents with the new information
42 and pricing models provided by Gannett Fleming, as this information was not known when their
43 first petition was signed. Mr. Knox further commented that the Hershey’s Mill group had seven
44 years to raise funds and his group should be granted similar timing.

1 Carmen commented on the June 27, 2016 email the Board received from Chuck Hepler about
2 possible funding sources. Mr. Hepler asked Carmen to keep the names on the list private.

3
4 *Mike Lynch, 1226 Upton Circle*, commented that he is not personally attached to the Milltown
5 Dam, and recommended to the Board that they not consider long term debt options in the
6 remedy. Marty discussed the Township's operating expenses and capital expenditures as well as
7 the Township's current and future concerns, and ways in which to keep the Township
8 competitive and attractive to future home buyers. Marty further commented on the Township's
9 current AAA credit rating, and the Board does not want to jeopardize that or to raise taxes.

10
11 *Allen Seltzer, 1464 Glenbrook Lane*, asked whether the DEP could, at some point in the future,
12 change the standards with which they classify dams. Mr. Neast answered that this is a possibility
13 so the most viable options would be to fully restore the dam or to fully breach it.

14
15 *Chuck Hepler, 12A Reservoir Road*, thanked the Board for considering his new fundraising plan
16 and had concerns about Option #8—Decommission the Dam. Mr. Hepler expressed concern for
17 the quantity of sediment that would be moved around creating too much of a slope to the stream
18 which would be hazardous to children and general public usage. Mr. Neast said the grading
19 would be at a 2% slope in this scenario, and that for Options 8, 9, and 10, there would be no
20 more than a 3 to 1 grading slope to the stream area. Mr. Hepler continued to state his preference
21 for Option #7, as he bought his home because of the reservoir and that he has grown to love
22 fishing in it. Mr. Hepler suggested that a larger parking area could be created, as well as walking
23 trails to allow more residents to enjoy the reservoir.

24
25 Senya asked how the reservoir residents would feel about this area being opened up to a larger
26 population of people. Carmen commented that it would not be fair to limit parking and that if
27 the dam was fully repaired, it would not be fixed to benefit only the 36 homes that are adjacent to
28 the dam.

29
30 *Baxter Wellmon, 46 Lochwood Lane*, thanked the Board for all their hard work in this matter and
31 feels that the reservoir is unsafe for their children and security measures need to be installed
32 surrounding it. Mr. Wellman stated that he has issues with intruders in the wooded areas
33 surrounding his home, but he would want the reservoir area to become another East Goshen Park
34 area for all to enjoy.

35
36 *Vincent McGinnis, 32 Lochwood Lane*, stated he would be very happy to see more people
37 enjoying the reservoir.

38
39 *Steve DiAntonio, 6 Reservoir Road*, stated he bought his home because of the reservoir, and also
40 wanted to know where the equipment would access the reservoir and where it would be stored.
41 He also inquired why the Board has not had more communications with Westtown Township in
42 this matter. Mr. Neast answered that the equipment would access the reservoir at the crest of the
43 dam and also at the easement on the downside of the dam. Senya stated that the Board is in
44 contact and communication with Westtown Township and they are fully aware of this issue.

1 *Todd Bechtel, 1467 Glenbrook Lane*, commented that the Board should be presenting detailed
2 visual renderings of the final product with cost estimates before a vote can be taken. Senya
3 stated that the process would begin with DEP permitting, which would take approximately 13
4 months to complete, that a path has not been chosen, but whatever path is chosen, the Board is
5 committed to making it look as high quality as possible.

6
7 *Chuck Hepler, 12A Reservoir Road*, commented that Greenways Funding would qualify in this
8 effort. Senya corrected Mr. Hepler by stating that Greenways Funding only grants monies for
9 drinking water and recreational reservoirs, and Milltown Reservoir does qualify as that type of
10 reservoir.

11
12 *Jim McBride, 34 Lochwood Lane*, appreciates the Boards tireless efforts in this matter, and
13 inquired about the Airport Road Reservoir. Rick stated that the Aqua owns the Airport Road
14 Reservoir.

15
16 Senya thanked everyone in the assembly for being patient and polite during the long meeting.
17 Marty motioned to recommend Option #10—Partial Breach – Reduce Hazard Class, and to
18 authorize the Township Manager to begin the permitting process with the DEP and for
19 construction to begin after a contractor is chosen. Janet seconded. Carmen commented that in
20 deference to Chuck Hepler, he recommends to defer the vote for three to four months in order for
21 Mr. Hepler’s group the time to pursue raising at least \$1 million. Marty commented that those
22 fundraising efforts would need to be at least \$3.1 million and asked the assembly if they are
23 willing to be in the dam business and pass this issue along to future generations.

24
25 *Bob Simon, 30 Lochwood Lane*, stated he was one of the 1300 signers of the original petition, he
26 doesn’t understand how the price to fix has grown so much, and he still wants the dam repaired.

27
28 Senya commented that the Board has an obligation to future generations and they cannot turn a
29 blind eye to this matter. The Board does not want to create a wetland as part of the solution, but
30 would rather seek funding to make the new area a world class facility. Senya further commented
31 that many of the names and organizations on Mr. Hepler’s fundraising list are already
32 contributing to other Township efforts.

33
34 The Board voted 4/1 in favor of the motion. Carmen was opposed.

35
36 Senya motioned to seek proposals from land planners to develop a plan on how the area above
37 the dam could be restored and/or utilized once the dam was breached and made a commitment to
38 the residents that the Board will work diligently to make the new area a world class facility.
39 Chuck seconded.

40
41 *Dave Swingle, 1456 Glenbrook Lane*, asked how the Board would make the new area a world
42 class facility. Marty commented that the Board will seek input from all residents for what would
43 be included in the new area.

44
45 *Baxter Wellmon, 46 Lochwood Lane*, thanked the Board for listening to the full assembly for the
46 evening even though the Board knew all along it was going to choose Option #10.

1 *Melissa McGinnis, 32 Lochwood Lane*, asked how this area can be turned into a park, and that
2 she does not see how it can be turned into a beautiful area.

3
4 *Gerry Connor, 36 Lochwood Lane*, asked how long this process would take. Senya stated it
5 would take between 2 to 3 years to complete.

6
7 *Karl Sivek, 28 Waterview Road*, asked why the Board feels renovating the dam is not viable and
8 asked the Board to put this matter on the ballot as a referendum. Marty said that Pennsylvania
9 does not permit referendums for this type of question.

10
11 The Board voted unanimously in favor of the motion. Jon commented that the Township
12 property tax rate would be doubled for the next three years if the Board were to fix the dam and
13 paid for it as an operating expense. Senya commented that the dam would still be classified as a
14 high hazard dam no matter how much money was spent to fix it and this would not be fair for
15 future generations.

16
17 **Adjournment:**

18 There being no further business, the Board voted unanimously to adjourn at 11:51 p.m.

19
20 Respectfully submitted,
21 *Christina Rossetti Hartnett*
22 *Recording Secretary*

23
24 F:\Data\Shared Data\Minutes\Board of Supervisors\2016\6-28-16_Updated_ Edited_Draft
25 Minutes 081616.doc

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**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS MEETING
1580 PAOLI PIKE
TUESDAY, AUGUST 16, 2016 – 7:00 pm
DRAFT MINUTES**

Present: Chairman Senya D. Isayeff, Supervisors Janet Emanuel, Chuck Proctor, Township Manager Rick Smith, Township CFO Jon Altshul, Mark Gordon (Zoning Officer, Building and Codes), Jason Lang (Director, Park and Recreation), ABC Member Erich Meyer (Conservancy Board).

Call to order & Pledge of Allegiance:

Senya called the meeting to order at 7:00 pm and asked Sergeant Renegar to lead the assembly in the Pledge of Allegiance.

Moment of Silence:

Senya called for a moment of silence to honor the troops who defend of our Nation and Constitution.

Recording of Meeting: *None*

Chairman's Report: Senya announced the following:

- a. New Business item (e) from tonight's agenda, "**Consider proposal from Gannet Fleming for Milltown Dam and Hershey Mill Dam**" was being moved to the September 6, 2016 meeting.
- b. The Board met in Executive Session tonight to discuss a personnel matter.
- c. The Board met in Executive Session on August 2, 2016 to discuss a legal matter related to the Police.
- d. Vice Chairman Marty Shane and Supervisor Carmen Battavio are currently on vacation and not present at this meeting.
- e. Community Day will be held on August 27, 2016, with August 28, 2016 reserved as the rain date.

Emergency Services Report:

WEGO: Sergeant Renegar, in Chief Bernot's absence, presented this report with the following points of interest:

- All residents are urged to visit the WEGO website to view the full Police blotter.
- Ongoing scams continue to take victims:
 - IRS Scam
 - Lost Loved Ones Scam
- A rise of thefts from unlocked backyard sheds and garages. Please keep your garages closed at all times during the day.
- WEGO was recently awarded a Child Passenger Safety Grant. A child passenger safety program will begin in September 2016.
- The Citizens Police Academy Program will commence on Tuesday, September 6, 2016. Please visit the website for more information and enrollment forms.

1 **Financial Report ~ July 2016 and Year-End Projections:** Jon presented this report and noted
2 the following:

- 3 • Net of pass-through accounts, as of July 31st, the general fund had revenues of
4 \$6,236,077 and expenses of \$5,753,244, for a year-to-date surplus of \$482,833.
- 5 • The overall budget saw an improvement of about \$125,000 since last month.
- 6 • Earned Income Tax is now \$157,342 under budget.
7

8 **Old Business:** None
9

10 **New Business:**

- 11 a. **Consider Dimensional Variance Request for 907 Madison Drive:** Mr. J. Charles
12 Gerbron, Jr., Associate Attorney, MacElree Harvey, Ltd., on behalf of the homeowners
13 McNeely of 907 Madison Drive, discussed the plans for this 10.1 foot variance into the
14 set-back application and apologized for not providing evidence of “hardship” in the initial
15 application for variance presented to the Planning Commission. Mr. Gerbron provided
16 pictures of the home, garage, and limitations to expand the current garage. Homeowner
17 Lia McNeely, stated that the total width of the garage is 18.5 feet wide and that it is
18 currently a two car garage. Homeowner McNeely stated that it is very difficult to exit her
19 car given the current garage size, because of the supporting lolly columns within the
20 garage, and that to expand the current garage would require major renovations to the
21 existing kitchen, which would be too costly. Senya asked if the homeowner’s exhibit of
22 financial hardship is based on resale expectations. Chuck inquired as to when the
23 homeowners McNeely purchased their home. Ms. McNeely stated that they purchased
24 their home in 2010, that they were in a rush to move from center city Philadelphia, and
25 that they were aware at that time of the limitations of a two car garage. Chuck also
26 commented that the pictures presented by Mr. Gerbron do not reflect the current status of
27 the property. Chuck moved to take No Position on this matter. Janet seconded. The
28 Board voted unanimously in favor of No Position.
- 29 b. **Consider Recommendation About Trail Committee:** Rick discussed this item. Janet
30 motioned that the Trail Committee be composed of Supervisor Janet Emanuel, who shall
31 chair the Committee, and a representative from the Planning Commission, Park and
32 Recreation Commission, Conservancy Board, Historical Commission, Futurist
33 Committee and a resident. Chuck seconded. The Board voted unanimously in favor of
34 the motion.
- 35 c. **Consider Recreation Survey Results:** Jon discussed the results of this survey and
36 acknowledged and commended Mr. Dan Tyler, a Penn State student and the Township
37 summer Intern, for his tireless in this effort. Jon commented on the challenge of survey
38 controls noting that a respondent being “interested” in a program is not the same thing as
39 actually signing up for a program. From the survey results, some areas of particular
40 interest were nature centered activities, standardized test prep courses, outside yoga and
41 Zumba classes for Seniors, and most popular, a Food Truck Festival. Senya commented
42 that he found certain findings on page 6 of the survey very disturbing. These included
43 the finding that 46% of respondents have never had children under the age of 18 living
44 with them in East Goshen, and the finding that 60% of respondents have never
45 participated in Township recreation programs.
- 46 d. **Consider Acknowledging Efforts of the Friends of East Goshen:** Jon discussed the
47 good news that this organization has raised \$35,700, well over its \$30,000 budgeted goal,

1 which will fund this year's Community Day. The Board commended these efforts and
2 added that all the Community Day activities will be at no cost to taxpayers.

- 3 e. **Consider Proposal from Gannet Fleming for Milltown Dam and Hershey Mill Dam:**
4 Tabled for September 6, 2016 Meeting.
- 5 f. **Consider Storm water Agreement for 346 Davis Circle:** Janet motioned to authorize
6 the Chairman to execute the storm water management operation and maintenance
7 agreement for 346 Davis Circle. Chuck seconded. The Board voted unanimously in
8 favor of the motion.
- 9 g. **Consider Amending the DCED CFA Paoli Pike Trail Grant Application for**
10 **Segments D & E:** Rick discussed, in an effort to reduce Township costs, amending the
11 DCED CFA grant application. The recommendation is Option 1 which entails submitting
12 an amended application that moves the DCED CFA grant application (\$1,538,600) to
13 Segments A & B. This option would allow for the construction of the entire trail from
14 Airport Road to Line Road. Chuck motioned to approve the recommendation. Janet
15 seconded. The Board voted unanimously in favor of the motion.
- 16 h. **Consider Recommendation About False Alarms:** Rick discussed the current false
17 alarm ordinance that was adopted in October 2009 and the penalty fee structure. In an
18 effort to reduce the number of false alarms that occur, Rick suggested that putting an
19 article in the newsletter and on the web page about the impact false alarms are having on
20 the fire company and the possibility of increasing the fee for false alarms that require the
21 fire company to respond would be worthwhile. Senya asked how West Whiteland
22 Township addresses this situation. Rick responded that false alarm fees are paid directly
23 to the fire company in West Whiteland. Janet asked where the majority of false alarms
24 originate. Mark Gordon responded that they mostly originate from incorrect entry codes
25 being entered, mostly at local banks and retirement communities by night or maintenance
26 staff. Chuck commented that increased penalty fines are not always effective and
27 recommended volunteer service time by repeat offenders as well as Mark Gordon issuing
28 more citations. Senya agreed with Rick's recommendations and encouraged moving
29 forward with them.
- 30 i. **Consider Recommendation About Vehicles:** Rick discussed the need for more
31 vehicles for Township business purposes and proposed the purchase of a used police
32 vehicle, which are available at much reduced cost (\$2,500). Senya expressed his
33 preference for a mileage reimbursement program, and not to purchase a vehicle. Chuck
34 thought the Township Manager should gather more information to make a comparison of
35 buying a vehicle versus a mileage reimbursement system. Mark Gordon expressed his
36 opinion that Township staff should not be using their own cars for business purposes.
37 Senya commented that more information is needed.
38

39 **Any Other Matter:**

- 40 a. Rick reported that PA DEP is accepting public comments on Sunoco Pipeline's
41 applications for the Water Obstruction and Encroachment Permit until August 24, 2016
42 and the Erosion and Sediment Control General Permit until September 8, 2016.
- 43 b. Rick discussed the labor and equipment for removal of trees for 2016 contract. Rick
44 commented that due to not receiving a performance bond from Jimmy's Tree &
45 Landscaping (the initial awardees), he recommends rescinding the bid award and
46 awarding the contract to Greenscape Tree Services, LLC in the amount of \$25,500.00.

1 Chuck motioned for this recommendation. Janet seconded. The Board voted
2 unanimously in favor of this motion.

- 3 c. Senya commented that he would be presenting the LERTA Five Year Plan to the Finance
4 Committee in the near future.
5

6 **Public Comment:**

7 *Bernard Greenburg, a resident of Hershey's Mill Village*, expressed his concern with the Sunoco
8 Chapter 105 permits, and urged the Board to look at this more closely. Mark Gordon stated that
9 new updated plans are under review with the Township. Rick noted that the information is posted
10 on the Township website and that the general public can submit comments.
11

12 **Approval of Minutes:** The Board reviewed, corrected and approved the following minutes:

- 13 a. July 5, 2016: Janet motioned to approve. Chuck seconded. The Board voted
14 unanimously in favor of the motion.
15 b. August 2, 2016: Janet motioned to approve. Chuck seconded. The Board voted
16 unanimously in favor of the motion.
17

18 **Any Other Matter (Cont'd):** Chuck commented that he had recently talked to Dan Truitt
19 regarding the \$60 Billion Pension deficit, and learned that those affected are school teachers and
20 state employees. Dan Truitt commented in this conversation that he was unaware of the WEGO
21 pension issue and that he would look into this matter in more depth.
22

23 **Treasurer's Report:**

24 *See attached Treasurer's Report for August 11, 2016.* The Board reviewed the Treasurer's
25 Report and the current invoices. Chuck moved to graciously accept the Treasurer's Report and
26 the Expenditure Register Report as recommended by the Treasurer, to accept the receipts and to
27 authorize payment of the invoices just reviewed. Janet seconded. The Board voted unanimously
28 to approve the motion.
29

30 **Correspondence, Reports of Interest:** The Board acknowledged receipt of the following:

- 31 • 2nd Quarter 2016 Sunoco Monitoring Report
32 • 2015 West Goshen Sewer and Reserve
33

34 **Any Other Matter (Cont'd):** Chuck commented that he had recently viewed workers jack
35 hammering the pavement at the Sunoco service station and questioned why this was happening.
36 Mark said that he would look into the matter and report back to the Board.
37

38 **Adjournment:**

39 There being no further business, Janet motioned to adjourn the meeting at 8:35 pm. Chuck
40 seconded. The Board voted unanimously to adjourn.
41

42 Respectfully submitted,
43 *Christina Rossetti Hartnett*
44 *Recording Secretary*
45

46 Attachment: *Treasurer's Report for August 11, 2016*
47

TREASURER'S REPORT
2016 RECEIPTS AND BILLS

GENERAL FUND

Real Estate Tax	\$527.71	Accounts Payable	\$611,476.20
Earned Income Tax	\$659,074.05	<u>Electronic Pmts:</u>	
Local Service Tax	\$54,411.71	Credit Card	\$3,617.02
Transfer Tax		Postage	\$0.00
<i>General Fund Interest Earned</i>	\$493.32	Debt Service	\$13,099.73
Total Other Revenue	\$35,426.80	Payroll	\$114,012.92
Total Receipts:	<u>\$749,933.59</u>	Total Expenditures:	<u>\$742,205.87</u>

STATE LIQUID FUELS FUND

Receipts	\$0.00		
<i>Interest Earned</i>	\$60.05		
Total State Liquid Fuels:	<u>\$60.05</u>	Expenditures:	<u>\$0.00</u>

SINKING FUND

Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$4,143.37	Credit Card	\$0.00
Total Sinking Fund:	<u>\$4,143.37</u>	Total Expenditures:	<u>\$0.00</u>

TRANSPORTATION FUND

Receipts	\$0.00		
<i>Interest Earned</i>	\$201.41		
Total Sinking Fund:	<u>\$201.41</u>	Expenditures:	<u>\$0.00</u>

SEWER OPERATING FUND

Receipts	\$235,456.64	Accounts Payable	\$341,125.51
<i>Interest Earned</i>	\$50.12	Debt Service	\$30,836.43
Total Sewer:	<u>\$235,506.76</u>	Credit Card	\$0.00
		Total Expenditures:	<u>\$371,961.94</u>

REFUSE FUND

Receipts	\$58,796.72		
<i>Interest Earned</i>	\$74.03		
Total Refuse:	<u>\$58,870.75</u>	Expenditures:	<u>\$73,187.99</u>

SEWER SINKING FUND

Receipts	\$244.49		
<i>Interest Earned</i>	\$0.00		
Total Sewer Sinking Fund:	<u>\$244.49</u>	Expenditures:	<u>\$21,151.00</u>

OPERATING RESERVE FUND

Receipts	\$0.00		
<i>Interest Earned</i>	\$267.18		
Total Operating Reserve Fund:	<u>\$267.18</u>	Expenditures:	<u>\$0.00</u>

Events Fund

Receipts	\$0.00		
<i>Interest Earned</i>	\$1.03		
Total Events Fund:	<u>\$1.03</u>	Expenditures:	<u>\$0.00</u>

1

September 1, 2016

**TREASURER'S REPORT
2016 RECEIPTS AND BILLS**

GENERAL FUND

Real Estate Tax	\$2,556.88
Earned Income Tax	\$133,000.00
Local Service Tax	\$20,100.00
Transfer Tax	\$64,712.99
General Fund Interest Earned	\$0.00
Total Other Revenue	\$160,752.79
Total Receipts:	\$381,122.66

Accounts Payable	\$396,386.98
Electronic Pmts:	
Credit Card	\$3,331.10
Postage	\$0.00
Debt Service	\$0.00
Payroll	\$157,262.00
Total Expenditures:	\$556,980.08

STATE LIQUID FUELS FUND

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

Expenditures:	\$0.00
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SINKING FUND

Receipts	\$0.00
Interest Earned	\$35.68
Total Sinking Fund:	\$35.68

Accounts Payable	\$85,223.30
Credit Card	\$0.00
Total Expenditures:	\$85,223.30

TRANSPORTATION FUND

Receipts	\$396.25
Interest Earned	\$0.00
Total Sinking Fund:	\$396.25

Expenditures:	\$0.00
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SEWER OPERATING FUND

Receipts	\$258,359.24
Interest Earned	\$2.75
Total Sewer:	\$258,361.99

Accounts Payable	\$44,104.40
Debt Service	\$0.00
Credit Card	\$642.17
Total Expenditures:	\$44,746.57

REFUSE FUND

Receipts	\$48,713.14
Interest Earned	\$2.76
Total Refuse:	\$48,715.90

Expenditures:	\$16,937.40
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SEWER SINKING FUND

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

Expenditures:	\$8,743.17
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OPERATING RESERVE FUND

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

Expenditures:	\$0.00
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Events Fund

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

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

TO: BOARD OF SUPERVISORS
FROM: BRIAN MCCOOL
SUBJECT: PROPOSED PAYMENTS OF BILLS
DATE: 09-01-2016

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 \$237,055 for the monthly contribution to WEGO and \$88,586 for resurfacing materials and supplies. General Fund revenues include two receipts totaling \$118,074 for franchise fees received from Verizon and Comcast.

Sinking Fund expenses include \$54,582 for the new Peterbilt and \$28,541 for a trailer.

The Sewer Sinking Fund has \$8,743.17 in expenses for the replacement of filters at Ridley Creek (described as cloth socks in the expenditure register).

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

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 1

MARP05 run by BARBARA 2 : 07 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
6	ABC PAPER & CHEMICAL INC									
48390	1	01454	2000	MAINTENANCE SUPPLIES HAND SOAP	073723	08/18/16		08/18/16		182.52
										182.52
1657	AQUA PA									
48391	1	01411	3630	HYDRANT & WATER SERVICE 000309987 0309987 6/30-7/29/16 HYS	080116 HYS	08/18/16		08/18/16		137.52
48392	1	01411	3630	HYDRANT & WATER SERVICE 0003010033 0310033 6/30-7/29/16 186	080116 279	08/18/16		08/18/16		4,696.50
48392	2	01411	3631	HYDRANTS - RECHARGE EXPENSE 0003010033 0310033 6/30-7/29/16 93	080116 279	08/18/16		08/18/16		2,348.25
										7,182.27
197	BUCKLEY BRION MCGUIRE & MORRIS									
48393	1	01404	3140	LEGAL - ADMIN LEGAL SERV. 6/30-7/12/16 APBRK/HIB	10605	08/18/16		08/18/16		475.00
48395	1	01404	3140	LEGAL - ADMIN LEGAL SERV. 3/22-4/21/16	9966	08/18/16		08/18/16		294.50
48395	2	01414	3110	LEGAL - CODES LEGAL SERV. 3/22-4/21/16	9966	08/18/16		08/18/16		112.50
48396	1	01404	3140	LEGAL - ADMIN LEGAL SERV. 6/20-7/12/16	10561	08/18/16		08/18/16		619.85
48396	2	01413	3140	LEGAL - TWP CODE LEGAL SERV. 6/20-7/12/16	10561	08/18/16		08/18/16		355.30
48396	3	01414	3140	LEGAL - PLANNING COMMISSION LEGAL SERV. 6/20-7/12/16	10561	08/18/16		08/18/16		19.00
48396	4	01414	3141	LEGAL - ZONING HEARING BOARD LEGAL SERV. 6/20-7/12/16	10561	08/18/16		08/18/16		1,429.30
										3,305.45
292	COLLINSON INC.									
48397	1	01438	2450	MATERIALS & SUPPLIES-HIGHWAYS GUIDE RAIL REPAIR - MORSTEIN	C7867	08/18/16		08/18/16		2,100.00
										2,100.00
3249	COMCAST 8499-10-109-0107712									
48399	1	01401	3210	COMMUNICATION EXPENSE 0107712 8/5-9/4/16 E.G.PARK LED	080216	08/18/16		08/18/16		105.75
										105.75

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 2

MARP05 run by BARBARA

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
3490	48398	1	01401 3210	COMCAST 8499-10-109-0111284 COMMUNICATION EXPENSE 0111284 8/9-9/8/16 SPEC.VIDEO PW	080216	08/18/16		08/18/16		19.04
										19.04
1990	48400	1	01401 2100	CRYSTAL SPRINGS MATERIALS & SUPPLIES COFFEE & HOT CUPS	3154612 080516	08/18/16		08/18/16		164.53
										164.53
2142	48401	1	01438 2455	FLAGGER FORCE MATER. & SUPPLY-RESURFAC. FLAG CREWS 7/19/16	189068	08/18/16		08/18/16		1,155.80
										1,155.80
594	48403	1	01409 3740	HAMMOND & MCCLOSKEY INC. TWP. BLDG. - MAINT & REPAIRS REPAIR LEAK - LADIES ROOM 1ST FL.	7819	08/18/16		08/18/16		122.32
										122.32
627	48404	1	01438 2450	HIGHWAY MATERIALS INC. MATERIALS & SUPPLIES-HIGHWAYS 466.38 TONS 9.5H .3<3 MEADOWBRK	11044631MB	08/18/16		08/18/16		20,450.72
										20,450.72
694	48405	1	01454 3740	J&L BUILDING MATERIALS INC EQUIPMENT MAINT. & REPAIR 5" O/S MITRE GRECIAN GREEN	03745286	08/18/16		08/18/16		21.72
										21.72
1554	48407	1	01401 2100	OFFICE DEPOT MATERIALS & SUPPLIES HP CYAN & MAGENTA TONER	853403152001-C	08/18/16		08/18/16		150.08
48408	1	01401 2100	MATERIALS & SUPPLIES CREDIT FOR RETURNED MARKERS	856246275001	08/18/16		08/18/16			-5.49
										144.59
3153	48410	1	01409 7505	PECO - 01360-05046 BOOT & PAOLI LED SIGN 01360-05046 7/1-7/28/16 BOOT RD.LED	080116	08/18/16		08/18/16		50.67
										50.67

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 3

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
2593	48409	1	01454 3600	PECO - 18510-39089 UTILITIES 18510-39089 7/1-8/2/16 BOW TR.PUMP	080516	08/18/16		08/18/16		43.22
										43.22
1032	48413	1	01409 3600	PECO - 99193-01302 TWP. BLDG. - FUEL, LIGHT, WATER 99193-01302 6/24-7/29/16	080516	08/18/16		08/18/16		2,350.05
	48413	2	01454 3600	UTILITIES 99193-01302 6/24-7/29/16	080516	08/18/16		08/18/16		80.47
										2,430.52
1876	48415	1	01438 3840	RANSOME RENTAL COMPANY LP EQUIPMENT RENTAL HAMMER RENTAL 7/12/16	K19762-01	08/18/16		08/18/16		2,010.00
										2,010.00
3723	48416	1	01367 3240	SALVACION, FRAN PARK FEES RETURN PARK RENTAL DEPOSIT (PAID BY CREDIT CARD)	081216	08/18/16		08/18/16		100.00
										100.00
3604	48417	1	01430 2320	SUPERIOR PLUS ENERGY SERVICES VEHICLE OPERATION - FUEL 671.4 GALLONS DIESEL	736862	08/18/16		08/18/16		973.40
	48418	1	01430 2320	VEHICLE OPERATION - FUEL 86.4 GALLONS GASOLINE	737998	08/18/16		08/18/16		136.08
	48419	1	01430 2320	VEHICLE OPERATION - FUEL 102 GALLONS GASOLINE	239278	08/18/16		08/18/16		158.59
										1,268.07
1646	48421	1	01409 3840	TREVDAN BUILDING SUPPLY DISTRICT COURT EXPENSES TILE - DISTRICT CT. CEILING	583420	08/18/16		08/18/16		217.88
										217.88

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 4

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1470				WESTTOWN TOWNSHIP						
	48422	1	01410 5310	REGIONAL POLICE BLDG INTEREST AUGUST 2016 INTEREST	081816	08/18/16		08/18/16		1,380.62
	48422	2	01410 5320	REGIONAL POLICE BLDG PRINCIPAL AUGUST 2016 PRINCIPAL	081816	08/18/16		08/18/16		9,166.67
										10,547.29

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 5

MARP05 run by BARBARA 2 : 07 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
03		SINKING FUND								
1212				SAYRE INC., G.L.						
	48420	1	03430 7400	CAPITAL REPLACEMENT - HWY EQUIP NEW 2017 PETERBILT CAB & CHASSIS	06677	08/18/16		08/18/16		54,582.00
										54,582.00

Report Date 08/18/16

Expenditures Register
GL-1608-54208

PAGE 7

MARP05 run by BARBARA 2 : 07 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06				REFUSE						
197	48394	2	06427 3140	BUCKLEY BRION MCGUIRE & MORRIS LEGAL SERVICES LEGAL SERV. 6/20-7/20/16 MUN.CLAIMS	10622	08/18/16		08/18/16		295.04
										295.04

0 Printed, totaling 119,100.12

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	51,622.36	GENERAL FUND
03	03	54,582.00	SINKING FUND
05	05	12,600.72	SEWER OPERATING
06	06	295.04	REFUSE
		119,100.12	

PERIOD SUMMARY

Period	Amount
1608	119,100.12
	119,100.12

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 1

MARP05 run by BARBARA 2 : 45 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						
	48430	1	01401 3400	ADVERTISING - PRINTING NOTICE - REFUSE BID	1073516	08/26/16		08/26/16		319.72
										319.72
68				AMS APPLIED MICRO SYSTEMS LTD. STORMWATER MGMT.EXPENSE MS4 LABOR CHARGES - STORM WATER MGMT.	62524	08/26/16		08/26/16		255.00
										255.00
2360				AQUILANTE CONCRETE MATERIALS & SUPPLIES-HIGHWAYS 2 CYDS. CONCRETE - GREAT OAK	40921	08/26/16		08/26/16		270.00
										270.00
3213				BEST LINE EQUIPMENT VEHICLE MAINT AND REPAIR SPRINKLER PIPE & PLUGS	P15543	08/26/16		08/26/16		235.47
	48435	1	01430 2330	VEHICLE MAINT AND REPAIR RETURN PLUGS	P15572	08/26/16		08/26/16		-19.82
										215.65
2695				BRICKHOUSE ENVIRONMENTAL EQUIPMENT MAINT. & REPAIR EGT PARK WATER TESTING	8859	08/26/16		08/26/16		315.00
										315.00
2675				CANDLESTICK COMMUNICATIONS COMMUNICATION EXPENSE UPDATE CALLER ID FROM R.KEIFER TO LYNN WERKHEISER	M1608081500	08/26/16		08/26/16		85.00
	48443	2	01401 3210	COMMUNICATION EXPENSE MOVE BRIAN TO TIA'S OLD OFFICE	M1608081500	08/26/16		08/26/16		180.00
										265.00
2996				CNS CLEANING COMPANY TWP. BLDG. - MAINT & REPAIRS JANITORIAL SERVICE - AUGUST 2016	47889	08/26/16		08/26/16		870.00
	48444	2	01409 3840	DISTRICT COURT EXPENSES JANITORIAL SERVICE - AUGUST 2016	47889	08/26/16		08/26/16		255.00
										1,125.00

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 3

MARP05 run by BARBARA

2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
569				GREAT VALLEY LOCKSHOP						
	48454	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS 3 KEYS	CO20161173	08/26/16		08/26/16		30.00
										30.00
627				HIGHWAY MATERIALS INC.						
	48456	1	01438 2455	MATER. & SUPPLY-RESURFAC. 150.15 TONS 9.5H .3<3 ASPHALT	11044645MB	08/26/16		08/26/16		6,584.07
	48457	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS 4 TONS 9B .3<3 ASPHALT	1640859MB	08/26/16		08/26/16		170.60
										6,754.67
638				HOME DEPOT CREDIT SERVICES						
	48458	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS TOGGLED 16W LED 48"LIGHT, PAINT & TAPE MEASURE	081216	08/26/16		08/26/16		554.39
	48458	2	01409 3740	TWP. BLDG. - MAINT & REPAIRS RETURN TOGGLED 16W 48' LIGHT	081216	08/26/16		08/26/16		-479.28
	48458	3	01409 3840	DISTRICT COURT EXPENSES TRACKS, DRILL BITS & BRACKETS- D.CT	081216	08/26/16		08/26/16		96.20
										171.31
719				KEEN COMPRESSED GAS COMPANY						
	48459	1	01437 2460	GENERAL EXPENSE - SHOP VARIOUS CYLINDERS OF GASES	83099022	08/26/16		08/26/16		55.29
										55.29
1529				KRAPF JR. & SONS INC., GEORGE						
	48460	1	01452 2010	SUMMER PROGRAM FIELD TRIPS YTH.CAMP FIELD TRIPS 7/6-7/28/16	SB0816011164	08/26/16		08/26/16		2,321.50
										2,321.50
765				LENNI ELECTRIC CORPORATION						
	48463	1	01454 3740	EQUIPMENT MAINT. & REPAIR PARK RESTROOM LED LIGHTING	160756	08/26/16		08/26/16		1,520.60
										1,520.60
1817				LOWES BUSINESS ACCOUNT/GECF						
	48464	1	01433 2450	MATERIALS & SUPPLIES - SIGNS 42 BAGS CONCRETE & 56 BAGS MORTAR	081716	08/26/16		08/26/16		472.70
										472.70

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 4

MARP05 run by BARBARA 2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2225				MAIL FINANCE						
	48465	1	01401 3840	RENTAL OF EQUIP. -OFFICE POSTAGE MACHINE RENTAL 6/5-9/4/16	H6067501	08/26/16		08/26/16		522.00
										522.00
1641				NAPA AUTO PARTS						
	48467	1	01430 2330	VEHICLE MAINT AND REPAIR CASTER WHEELS	2-668711	08/26/16		08/26/16		34.45
	48468	1	01430 2330	VEHICLE MAINT AND REPAIR BLACK ICE AIR -120	2-672144	08/26/16		08/26/16		103.39
										137.84
3334				NATIONWIDE EMPLOYEE BENEFITS						
	48469	1	01486 1560	HEALTH, ACCID. & LIFE AUGUST 2016 PREMIUM	083505	08/26/16		08/26/16		3,643.72
	48469	2	01213 1010	VOL. LIFE INSURANCE W/H AUGUST 2016 PREMIUM	083505	08/26/16		08/26/16		145.40
										3,789.12
3679				NETCARRIER TELECOM INC. 67846						
	48475	1	01401 3210	COMMUNICATION EXPENSE 8/1/16 - 8/31/16	393118	08/26/16		08/26/16		361.54
										361.54
3680				NETCARRIER TELECOM INC. 67891						
	48470	1	01401 3210	COMMUNICATION EXPENSE 8/1/16 - 8/31/16	393125	08/26/16		08/26/16		132.06
										132.06
1554				OFFICE DEPOT						
	48477	1	01401 2100	MATERIALS & SUPPLIES MICROWAVE OVEN	855392494001	08/26/16		08/26/16		154.99
	48478	1	01401 2100	MATERIALS & SUPPLIES STAPLE REMOVER	855033912001	08/26/16		08/26/16		2.50
	48479	1	01401 2100	MATERIALS & SUPPLIES LC101 BLACK INK	855028954002	08/26/16		08/26/16		39.57
	48480	1	01401 2100	MATERIALS & SUPPLIES INK CARTRIDGES - COLORED, STAPLER, STENO PADS & WEEKLY PLANNERS	855028954001	08/26/16		08/26/16		148.95
	48481	1	01401 2100	MATERIALS & SUPPLIES FILE FOLDERS - LTR	853897123001	08/26/16		08/26/16		86.38
	48482	1	01401 2100	MATERIALS & SUPPLIES WOOD FRAMES & TONER	853800350001	08/26/16		08/26/16		546.55
	48483	1	01401 2100	MATERIALS & SUPPLIES TONER & WIRELESS MOUSE	853402052001	08/26/16		08/26/16		102.63

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 6

MARP05 run by BARBARA

2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1203				SAFETY-KLEEN CORPORATION						
	48493	1	01430 2330	VEHICLE MAINT AND REPAIR 30G PARTS WASHER - SOLVENT	70864001	08/26/16		08/26/16		410.18
										410.18
2121				SHERWIN-WILLIAMS CO.						
	48494	1	01438 2455	MATER. & SUPPLY-RESURFAC. MINERAL SPIRITS	6800-8	08/26/16		08/26/16		87.51
										87.51
2108				SIDELINES SPORTSWEAR & PROMOTIONS						
	48495	1	01487 1910	UNIFORMS POLO SHIRTS - M.GORDON & J. LANG, JACKETS - M.MILLER	5132	08/26/16		08/26/16		326.70
										326.70
3120				STTC SERVICE TIRE TRUCK CTRS INC.						
	48496	1	01430 2330	VEHICLE MAINT AND REPAIR 2 TIRES - CASE SKID STEER	T50993-17	08/26/16		08/26/16		2,681.56
										2,681.56
3604				SUPERIOR PLUS ENERGY SERVICES						
	48497	1	01430 2320	VEHICLE OPERATION - FUEL 458.6 GALLONS DIESEL	439717	08/26/16		08/26/16		660.71
	48498	1	01430 2320	VEHICLE OPERATION - FUEL 609.1 GALLONS DIESEL	130858	08/26/16		08/26/16		895.01
	48499	1	01430 2320	VEHICLE OPERATION - FUEL 123.9 GALLONS GASOLINE	942562	08/26/16		08/26/16		199.17
										1,754.89
1389				UNRUH TURNER BURKE FREES						
	48501	1	01404 3140	LEGAL - ADMIN LEGAL SERV. - 5/17-6/27/16 K.CARNEY	138260	08/26/16		08/26/16		833.10
										833.10
1939				UPS STORE #753						
	48500	1	01401 3250	POSTAGE PACKAGE TO PA RECREATION	062916	08/26/16		08/26/16		9.45
										9.45

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 7

MARP05 run by BARBARA 2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2273				VERIZON - 0527						
	48503	1	01409 3605	PW BLDG - FUEL,LIGHT,SEWER & WATER	081516-0527	08/26/16		08/26/16		188.64
				AUGUST 15 - SEPT. 14, 2016						
										188.64

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 8

MARP05 run by BARBARA 2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
03				SINKING FUND						
418				EAGLE POWER AND EQUIPMENT						
48450	1	03430	7400	CAPITAL REPLACEMENT - HWY EQUIP NEW TRAILER - EAGLE BEAVER 2016	RV000375	08/26/16		08/26/16		28,541.00
										28,541.00
3551				MCPMAHON ASSOCIATES INC.						
48466	1	03460	7403	PAOLI PK. TRAIL - SEGMENT C ENG. SERV. 5/28-7/1/16 PAOLI PIKE - SEGMENT C	149428	08/26/16		08/26/16		2,100.30
										2,100.30

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 10

MARP05 run by BARBARA 2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
765				LENNI ELECTRIC CORPORATION						
	48461	1	05422 3700	R.C. STP-MAINT. & REPAIRS	160757	08/26/16		08/26/16		615.35
				REPLACE RCSTP EXHAUST FAN						
	48462	1	05422 3700	R.C. STP-MAINT. & REPAIRS	160758	08/26/16		08/26/16		244.49
				REPLACE OL RELAY FOR SCREEN AUGER						
										859.84
3675				NETCARRIER TELECOM INC. 67889						
	48472	1	05420 3602	C.C. COLLECTION -UTILITIES	393123	08/26/16		08/26/16		47.71
				8/1/16 - 8/31/16						
										47.71
3676				NETCARRIER TELECOM INC. 67890						
	48471	1	05422 3600	R.C STP -UTILITIES	393124	08/26/16		08/26/16		42.38
				8/1/16 - 8/31/16						
										42.38
3677				NETCARRIER TELECOM INC. 67887						
	48474	1	05420 3602	C.C. COLLECTION -UTILITIES	393121	08/26/16		08/26/16		47.61
				8/1/16 - 8/31/16						
										47.61
3678				NETCARRIER TELECOM INC. 67888						
	48473	1	05420 3602	C.C. COLLECTION -UTILITIES	393122	08/26/16		08/26/16		47.56
				8/1/16 - 8/31/16						
										47.56
3725				NETCARRIER TELECOM INC. 68255						
	48476	1	05420 3702	C.C. COLLEC.-MAINT. & REPR.	393258	08/26/16		08/26/16		192.97
				8/1/16 - 8/31/16						
										192.97
2439				VERIZON -7041						
	48502	1	05422 3601	R.C. COLLEC.-UTILITIES	080716-7041	08/26/16		08/26/16		195.12
				AUGUST 7 - SEPT. 6, 2016						
										195.12

Report Date 08/26/16

Expenditures Register
GL-1608-54303

PAGE 11

MARP05 run by BARBARA 2 : 45 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06				REFUSE						
241				C.C. SOLID WASTE AUTHORITY						
48440	1	06427	4502	LANDFILL FEES WEEK 8/1/16 - 8/5/16	44651	08/26/16		08/26/16		4,095.00
48441	1	06427	4502	LANDFILL FEES WEEK 5/23/16 - 5/31/16	43985	08/26/16		08/26/16		8,468.11
48442	1	06427	4502	LANDFILL FEES WEEK 8/16/16 - 8/22/16	44787	08/26/16		08/26/16		4,079.25
										16,642.36
										92,033.03
0 Printed, totaling										92,033.03

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	39,912.34	GENERAL FUND
03	03	30,641.30	SINKING FUND
05	05	4,837.03	SEWER OPERATING
06	06	16,642.36	REFUSE
		92,033.03	

PERIOD SUMMARY

Period	Amount
1608	92,033.03
	92,033.03

Report Date 08/30/16

Expenditures Register
GL-1608-54349

PAGE 1

MARPO5 run by BARBARA 8 : 59 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
3110				COMMONWEALTH OF PENNSYLVANIA						
48504	1	05429	3000	ADMIN.-GENERAL EXPENSE	083016	08/30/16	08/30/16	08/30/16	2538	500.00
				APPLICATION FEE - RCSTP NPDES RENEW						
										500.00
										500.00
										500.00
1 Printed, totaling										500.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
05	05	500.00	SEWER OPERATING
		500.00	

PERIOD SUMMARY

Period	Amount
1608	500.00
	500.00

Report Date 09/01/16

Expenditures Register
GL-1609-54418

PAGE 1

MARP05 run by BARBARA 2 : 50 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
1471				WESTTOWN-EAST GOSHEN POLICE						
	48507	1	01410 5300	POLICE GEN.EXPENSE	090116	09/01/16	09/01/16	09/01/16	11900 p	237,054.68
				SEPTEMBER 2016 CONTRIBUTION						
										237,054.68
										237,054.68
										237,054.68
										1 Prepays, totaling 237,054.68
										0 Printed, totaling 0.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	237,054.68	GENERAL FUND
		237,054.68	

PERIOD SUMMARY

Period	Amount
1609	237,054.68
	237,054.68

Report Date 09/01/16

Expenditures Register
GL-1609-54420

PAGE 1

MARP05 run by BARBARA

4 : 50 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
2898				AQUASCAPES UNLIMITED						
48510	1	01454	3711	POND TREATMENT	1630	09/01/16		09/01/16		657.13
				POND SERV.-PIN OAK & MARY DELL 7/30						
48511	1	01454	3711	POND TREATMENT	1654	09/01/16		09/01/16		872.13
				POND SER.- PIN OAK & MARY DELL 8/7						
48512	1	01454	3711	POND TREATMENT	1664	09/01/16		09/01/16		492.13
				POND SERV.-PIN OAK & MARY DELL 8/12						
										2,021.39
3488				CINTAS CORPORATION #287						
48513	1	01409	3740	TWP. BLDG. - MAINT & REPAIRS	287600068	09/01/16		09/01/16		74.75
				WEEK END 8/10/16 CLEAN MATS						
48513	2	01487	1910	UNIFORMS	287600068	09/01/16		09/01/16		325.61
				WEEK END 8/10/16 CLEAN UNIFORMS						
										400.36
437				EDENS TREE SERVICE INC						
48514	1	01438	2460	TREE REMOVAL	6686	09/01/16		09/01/16		1,760.00
				TREE & BRUSH REMOVAL - WYLPEN DR.						
										1,760.00
3595				FETTERS INC.,R.W.						
48515	1	01438	3845	EQUIP. RENTAL -RESURFAC.	081216	09/01/16		09/01/16		630.00
				TRI-AXLE HAULING 8/9/16						
										630.00
594				HAMMOND & MCCLOSKEY INC.						
48516	1	01454	3740	EQUIPMENT MAINT. & REPAIR	7854	09/01/16		09/01/16		123.95
				REPLACE WATER FILTER LINES IN PARK BATHROOMS						
										123.95
627				HIGHWAY MATERIALS INC.						
48517	1	01438	2455	MATER. & SUPPLY-RESURFAC.	11044720MB	09/01/16		09/01/16		18,117.93
				413.18 TONS 9.5H .3<3 MEADOWBROOK						
48518	1	01438	2455	MATER. & SUPPLY-RESURFAC.	11044741MB	09/01/16		09/01/16		11,383.91
				259.61 TONS 9.5H .3<3 - E.GRAND OAK						
48519	1	01438	2450	MATERIALS & SUPPLIES-HIGHWAYS	11044766MB	09/01/16		09/01/16		877.44
				20.01 TONS 9.5H .3<3						
48520	1	01438	2455	MATER. & SUPPLY-RESURFAC.	11044824MB	09/01/16		09/01/16		19,895.20
				453.71 TONS 9.5H .3<3 HERSH.MILL						
										50,274.48

Report Date 09/01/16

Expenditures Register
GL-1609-54420

PAGE 3

MARP05 run by BARBARA 4 : 50 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2592				PECO - 45951-30004						
	48535	1	01454 3600	UTILITIES	082216	09/01/16		09/01/16		49.80
				45951-30004 7/20-8/18/16 RESTROOMS						
-----										49.80
1052				PENNONI ASSOCIATES INC.						
	48536	1	01408 3131	ENGINEER.& MISC.RECHARGES	704337	09/01/16		09/01/16		100.00
				SERVICE THRU 7/24/16 GOSHEN MEADOW						
	48537	1	01408 3131	ENGINEER.& MISC.RECHARGES	704338	09/01/16		09/01/16		128.75
				SERVICE THRU 7/24/16 NEW KENT						
	48538	1	01408 3131	ENGINEER.& MISC.RECHARGES	704341	09/01/16		09/01/16		313.75
				SERV. THRU 7/24/16 MOSER 943 CORMW						
	48539	1	01408 3131	ENGINEER.& MISC.RECHARGES	704346	09/01/16		09/01/16		713.75
				SERV. THRU 7/24/16 JANOS						
	48540	1	01408 3130	ENGINEERING SERVICES	704334	09/01/16		09/01/16		342.50
				SERV. THRU 7/24/16 GEN. CONSULT.						
	48541	1	01408 3130	ENGINEERING SERVICES	704336	09/01/16		09/01/16		1,215.00
				SERV. THRU 7/24/16 CORNWL.DR.EMERG.						
	48542	1	01436 3130	STORMWATER ENGINEERING	704344	09/01/16		09/01/16		758.25
				SERV. THRU 7/24/16 FOREST LANE CULV						
-----										3,572.00
2445				PROTECTION BUREAU, THE						
	48543	1	01409 3840	DISTRICT COURT EXPENSES	185053	09/01/16		09/01/16		192.57
				REPLACE BATTERY IN SENSOR - D.CT.						
-----										192.57
3682				RUSSELL STANDARD CORP.						
	48544	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS	43371	09/01/16		09/01/16		157.15
				146.87 GALLONS AE-T						
	48545	1	01438 2450	MATERIALS & SUPPLIES-HIGHWAYS	43590	09/01/16		09/01/16		192.63
				180.03 GALLONS AE-T						
-----										349.78
2109				TRAFFIC SAFETY STORE, THE						
	48546	1	01438 2455	MATER. & SUPPLY-RESURFAC.	000278031	09/01/16		09/01/16		390.40
				HEAVY DUTY ROLL UP SIGN						
	48546	2	01433 2450	MATERIALS & SUPPLIES - SIGNS	000278031	09/01/16		09/01/16		1,720.00
				"ROAD TO BE PAVED" REFLECTIVE SIGNS						
-----										2,110.40

Report Date 09/02/16

Expenditures Register
GL-1609-54439

PAGE 4

MARP05 run by BARBARA 9 : 26 AM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05				SEWER OPERATING						
3319				ABEL RECON LLC						
48508	1	05420	3702	C.C. COLLEC.-MAINT.& REPR. WHITE CHIMNEY REHAB	2673	09/01/16		09/01/16		9,305.12
48508	2	05422	3700	R.C. STP-MAINT.& REPAIRS CORNWALLIS DRIVE MANHOLE REHAB	2673	09/01/16		09/02/16		4,969.78
										14,274.90
2918				ALS ENVIRONMENTAL						
48509	1	05422	4500	R.C. STP-CONTRACTED SERV. LAB TESTING RCSTP 7/28-8/2/16	40-2084794	09/01/16		09/01/16		18.00
										18.00
3043				MAIN POOL & CHEMICAL COMP. INC.						
48524	1	05422	2440	R.C. STP- CHEMICALS 245 50LB BAGS SODIUM CARBONATE LITE	1655982	09/01/16		09/01/16		3,638.25
48525	1	05422	2440	R.C. STP- CHEMICALS 2000 GAL. ALUMINUM SULFATE SOLUTION	1656007	09/01/16		09/01/16		2,280.00
										5,918.25
829				MASTER'S TOUCH						
48528	1	05422	3700	R.C. STP-MAINT.& REPAIRS EXTERM. SERVICE AUG. 2016 RCSTP	28887	09/01/16		09/01/16		33.00
										33.00
2255				MCGOVERN ENVIRONMENTAL LLC						
48531	1	05422	3700	R.C. STP-MAINT.& REPAIRS PUMP SLUDGE HOLDING TANK SBR4	E-93141	09/01/16		09/01/16		2,375.00
48532	1	05422	3700	R.C. STP-MAINT.& REPAIRS PUMP SLUDGE HOLDING TANK SBR4	E-93140	09/01/16		09/01/16		3,547.50
										5,922.50
										93,964.25
										0 Printed, totaling 93,964.25

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	67,797.60	GENERAL FUND
05	05	26,166.65	SEWER OPERATING
		93,964.25	

PERIOD SUMMARY

Period	Amount
1609	93,964.25

**WESTTOWN-EAST GOSHEN
REGIONAL POLICE COMMISSION
POST-EMPLOYMENT
HEALTH & WELFARE PLAN**

**OTHER POST-EMPLOYMENT BENEFITS
LIABILITY DISCLOSURE
FOR CALENDAR YEAR 2016**

**REPORTING OF
POST-EMPLOYMENT BENEFIT LIABILITY
FOR POST-EMPLOYMENT BENEFITS OTHER THAN PENSION**

BEYER-BARBER COMPANY
Employee Benefit and
Actuarial Consultants
1136 Hamilton Street
Allentown, PA 18101
August 24, 2016



BEYER-BARBER COMPANY

1136 HAMILTON STREET, SUITE 103
ALLENTOWN, PENNSYLVANIA 18101

PHONE 610-435-9577
FAX 610-435-2663
www.beyerbarber.com

August 24, 2016

Ms. Kathy Brill
Westtown East Goshen Regional Police Commission
1081 Wilmington Pike
West Chester, PA 19382

RE: Post-Employment Benefits Other Than Pension

Dear Ms. Brill,

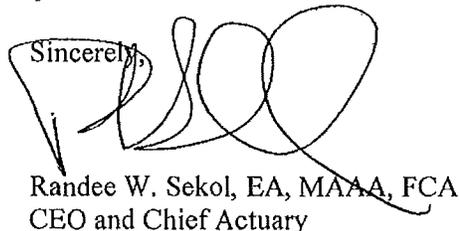
Beyer-Barber Company (BBCO) initially provided Westtown-East Goshen Regional Police Commission with a GASB 45 disclosure of liabilities relating to post-employment benefits other than pensions as of a January 1, 2008 measurement date. The Commission subsequently asked us to develop another GASB 45 valuation as of a January 1, 2010 valuation date. At that time, upon discussion with the Commission's auditor as well as Thomas J. Anderson & Associates, Inc., it was brought to our attention that the Commission is not a government entity and therefore is not required to disclose GASB 45 liabilities on its financials. As such, we no longer provide this valuation of post-employment benefits in a strict GASB 45 format.

The following report provides a valuation of the same post-employment benefits other than pension that a GASB 45 report would also provide. The only difference is the manner in which the results are presented. BBCO believes that this report will provide easier to understand estimates of the annual cost for both Westtown Township and East Goshen Township assuming four (4) different funding periods. The different funding periods are 10, 15, 20 and 40 years.

We have made these determinations under the presumption that the Westtown-East Goshen Regional Police Commission will continue to provide post-employment health and welfare benefits. Were the plan to terminate, different actuarial assumptions and other factors might be applicable in determining the post-employment benefit liability. Should the Commission have the right to terminate the retiree health coverage at any time, any actuarial figures provided herein should not be taken to imply a legal obligation to pay benefits.

If you have any questions concerning this report, please contact our office.

Sincerely,



Rande W. Sekol, EA, MAAA, FCA
CEO and Chief Actuary

Cc: Thomas J. Anderson & Associates, Inc.
Jon Altshul, East Goshen Township
Joanne Grube, Westtown Township



Employee Benefit and Actuarial Consultants

TABLE OF CONTENTS

	<u>PAGE</u>
SECTION 1 –GENERAL	1
SECTION 2 – VALUATION RESULTS	2
SECTION 3 - ACTUARIAL ASSUMPTIONS & METHODS	8
SECTION 4 – SUMMARY OF PARTICIPANT DATA	11
SECTION 5 - SALIENT FEATURES	12



SECTION 1

GENERAL

Background

The purpose of this report is to determine funding levels for "Other Post-Employment Benefits" (OPEB). OPEB includes benefits other than pension that are provided to retirees including medical, prescription drug, dental, vision, hearing, death benefits, long term care, and any payments made to the retiree that are to be used for such coverage. In the past, government employers have traditionally accounted for these benefits by reporting the cost of the benefit in the year it was actually paid. While pre-funding these benefits is preferable, there is no requirement to do so.

Since Westtown-East Goshen Regional Police Commission is not a municipality or municipal entity, it is not required to disclose these liabilities on its financial statements. However, the Police Commission does provide other post-employment benefits to its current and future retirees, and as such a liability does exist and continued funding should be considered.

Actuarial Value of Assets

Westtown-East Goshen Police Commission has established a GASB qualified trust to partially pre-fund the liability. East Goshen Township has also established a qualified trust. Westtown Township has a "designated" reserve account to pre-fund its portion of the liability.

Explicit Versus Implicit OPEB Costs

An OPEB liability consists of both explicit and implicit costs. The explicit costs of an OPEB plan are obvious and straight forward. These costs are represented by the premiums (if fully insured) or claim costs (if self-insured) that the plan sponsor actually pays for retirees, their family members and beneficiaries/survivors.

However, there is also an implicit cost/subsidy in most health and welfare plans that is not as obvious as the explicit costs. Implicit costs are created when the premium rates (or budgeted premiums for a self-insured plan) are determined based upon the combined demographics of the active and retiree populations. The rates that are charged to the retirees are actually lower than the rates that would have been charged if the retiree group was rated separately. This is because the retiree group has a higher average age and higher medical costs than the overall combined population.

In this case, there is no implied subsidy, because the premiums the Commission pays are already age adjusted. In other words, the Commission pays different premiums based on age and smoking status.



SECTION 2

VALUATION RESULTS

The following exhibits show key valuation results for the employees and retirees of the Westtown-East Goshen Regional Police Commission that receive post-employment health and welfare benefits assuming four (4) alternative funding periods. The possible funding periods are 10, 15, 20 and 40 years.

Since the combined assets of the Police Commission, Westtown Township and East Goshen Township represents a significant amount of money that can be less conservatively invested, we assumed a 6% rate of return.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

**OTHER POST-EMPLOYMENT BENEFITS ACTUARIAL VALUATION RESULTS
AS OF JANUARY 1, 2016**

	Police Commission	East Goshen	Westtown
Portion Attributable		56%	44%
<u>Liabilities</u>			
Present Value of Projected Benefits	\$6,105,147	\$3,418,882	\$2,686,265
Accrued Liability	5,101,701	2,856,953	2,244,748
Value of Commission's Assets	(378,161)	(211,770)	(166,391)
Value of Municipal Assets	N/A	(1,009,254)	(1,155,000)
Unfunded Accrued Liability (UAL)	\$4,723,540	\$1,635,928	\$923,358
<u>Total Expected Payments During 2016</u>			
2016 Expected Premiums	\$151,597	\$84,894	\$66,703
Additional Commission Contribution	66,000	36,960	29,040
Expected Additional Municipal Contributions	N/A	80,619	180,000 *
Total Expected Contributions	\$217,597	\$202,473	\$275,743

* \$15,000 per month deposits are scheduled for 2016.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

OTHER POST-EMPLOYMENT BENEFITS ACTUARIAL VALUATION RESULTS
AS OF JANUARY 1, 2016

10 YEAR FUNDING

	Police Commission	East Goshen	Westtown
Portion Attributable		56%	44%
<u>10 Year Funding</u>			
Annual Contributions			
Normal Cost	\$109,537	\$61,341	\$48,196
Amortization of UAL *		209,689	118,354
Interest		<u>16,262</u>	<u>9,993</u>
Total Annual Cost		\$287,291	\$176,543
Less Total Expected Contributions		<u>202,473</u>	<u>275,743</u>
Add'l Contribution Necessary to Satisfy Total Annual Cost		\$84,818	(\$99,200)

* The UAAL is amortized as a level dollar amount assuming a 6% discount rate.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

OTHER POST-EMPLOYMENT BENEFITS ACTUARIAL VALUATION RESULTS
AS OF JANUARY 1, 2016

15 YEAR FUNDING

	Police Commission	East Goshen	Westtown
Portion Attributable		56%	44%
<u>10 Year Funding</u>			
Annual Contributions			
Normal Cost	\$109,537	\$61,341	\$48,196
Amortization of UAL *		158,905	89,690
Interest		<u>13,215</u>	<u>8,273</u>
Total Annual Cost		\$233,461	\$146,160
Less Total Expected Contributions		<u>202,473</u>	<u>275,743</u>
Add'l Contribution Necessary to Satisfy Total Annual Cost		\$30,988	(\$129,583)

* The UAAL is amortized as a level dollar amount assuming a 6% discount rate.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

OTHER POST-EMPLOYMENT BENEFITS ACTUARIAL VALUATION RESULTS
AS OF JANUARY 1, 2016

20 YEAR FUNDING

	Police Commission	East Goshen	Westtown
Portion Attributable		56%	44%
<u>10 Year Funding</u>			
Annual Contributions			
Normal Cost	\$109,537	\$61,341	\$48,196
Amortization of UAL *		134,554	75,946
Interest		<u>11,754</u>	<u>7,449</u>
Total Annual Cost		\$207,649	\$131,591
Less Total Expected Contributions		<u>202,473</u>	<u>275,743</u>
Add'l Contribution Necessary to Satisfy Total Annual Cost		\$5,176	(\$144,152)

* The UAAL is amortized as a level dollar amount assuming a 6% discount rate.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

OTHER POST-EMPLOYMENT BENEFITS ACTUARIAL VALUATION RESULTS
AS OF JANUARY 1, 2016

40 YEAR FUNDING

	Police Commission	East Goshen	Westtown
Portion Attributable		56%	44%
<u>10 Year Funding</u>			
Annual Contributions			
Normal Cost	\$109,537	\$61,341	\$48,196
Amortization of UAL *		102,572	57,894
Interest		<u>9,835</u>	<u>6,365</u>
Total Annual Cost		\$173,747	\$112,456
Less Total Expected Contributions		<u>202,473</u>	<u>275,743</u>
Add'l Contribution Necessary to Satisfy Total Annual Cost		(\$28,726)	(\$163,287)

* The UAAL is amortized as a level dollar amount assuming a 6% discount rate.



SECTION 3

ACTUARIAL ASSUMPTIONS & METHODS

This section reflects the actuarial assumptions that have been used to make the determination of liabilities which are the basis of the actuarial disclosure information shown in Section 2 of this report. Note that these actuarial assumptions are effective as of the January 1, 2016 Measurement Date and may be changed for future Measurement Dates.

An actuarial valuation measures the program's funded status and annual funding of accounting costs based on the assumptions and methods selected. The funded status compares the assets held in a segregated irrevocable trust to Actuarial Accrued Liabilities, and the Annual Required Contribution (ARC) represents the Normal Cost plus an amortization of the Unfunded Actuarial Accrued Liability adjusted for interest.

In the valuation process, certain economic and demographic assumptions are made relating to the projection of benefits, as well as the timing and duration of benefits. The stream of expected projected benefits is discounted to a present value as of the valuation date. The present value is then spread over past service (actuarial accrued liability), and service for the current year (normal cost) based on the chosen cost method.

The following changes in actuarial assumptions have occurred since the January 1, 2013 valuation.

- The discount rate has changed from 4.5% to 6%.
- The mortality table has changed from RP-2000 with Blue Collar Adjustment to RP-2000 with Blue Collar Adjustment projected 15 years using Scale AA.
- The combined medical and prescription drug trend has been changed from 6.5% during calendar year 2017 reduced by 0.5% per year to an ultimate level of 5% per year to 8.5% during calendar year 2017 reduced by 0.25% per year to an ultimate level of 5% per year.
- The percentage of retirees that are assumed to participate in Commission-provided coverage has been changed from 75% to 85%.
- The rate at which active employees retire early due to a disability has been changed to more closely reflect actual experience.



SECTION 3 (CONTINUED)

ACTUARIAL ASSUMPTIONS & METHODS

Measurement Date

January 1, 2016

Actuarial Cost Method

Actuarial costs can be developed using any one of six different methods. The results in this report are based on the Entry Age Normal Cost Method. This cost method estimates the total cost of all projected plan benefits based on the assumptions shown in this report and the participant data you have supplied.

Costs are spread evenly from a member's date of hire to assumed retirement age. This annual cost is spread as a level percentage of compensation if benefits are salary related or as a level dollar amount if not salary related. Since the Borough's post-employment benefits other than pension are not related to salary, the annual cost is spread as a level dollar amount. The sum of each member's annual cost is the normal cost.

There are some accumulated costs for past years. The value of these past costs is the actuarial accrued liability (AAL). Each year the unfunded actuarial accrued liability (UAAL) is the AAL less the actuarial value of assets, but not less than zero. The UAAL is adjusted when there are plan or assumption changes.

Discount Rate

The discount rate is based upon the funding method that the sponsor employs. When a pay-as-you-go method is used, benefits are expected to be paid out of the general fund of Westtown-East Goshen Regional Police Commission, which is expected to earn approximately 4.0% on short-term investments. Under a partial funding scenario, it is assumed that Westtown-East Goshen Regional Police Commission and the associated Townships would contribute additional monies over the pay-as-you-go costs, and can support a discount rate of between 4.0% and 7.0% depending upon the amount of additional monies contributed and the investment vehicles. In a fully funded plan, there would be sufficient assets to invest in an equity-fixed income diversified portfolio and is assumed to earn approximately 7.0%. Based on the current investment allocations of the Commission and East Goshen Township and the additional monies that the Commission and both Townships are contributing over the pay-as-you-go costs, we were able to assume a 6% discount rate.

Healthcare Cost Trends

Medical and prescription drug cost trend rate is assumed to be 8.5% in the first year, reduced by 0.25% per year thereafter to an ultimate level of 5%.



SECTION 3 (CONTINUED)
ACTUARIAL ASSUMPTIONS & METHODS

Mortality

RP-2000 Mortality Table with Blue Collar Adjustment projected 15 years using Scale AA for Males and Females

Retirement

Due to the DROP feature of the pension plan, retirement is assumed at age 53 with 28 years of service. If 28 years of service is not attained by age 53, then retirement is assumed when the employee attains 28 years of service after age 53.

Disability

Hewitt Disability Table

Withdrawal

None Assumed.

Participation

85% of retirees and spouses who are eligible to participate are assumed to do so.

Marriage

80% of all future retirees are assumed to be married.

Age

Female spouses of future retirees are assumed to be 3 years younger than male spouses.



SECTION 4

**SUMMARY OF PARTICIPANT DATA
AS OF JANUARY 1, 2016**

A. Summary of Lives

1. Active Lives	
a. Fully Eligible	0
b. Not Fully Eligible	<u>26</u>
c. Total Active Lives	26
2. Retired Lives	12
3. Total Lives	38

B. Other Participant Data

1. Avg. Svc. to Full Eligibility	12.6 yrs.
2. Avg. Svc. to Assumed Retirement Age	13.0 yrs.



SECTION 5

SALIENT FEATURES OF WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION HEALTH & WELFARE FUND POST-EMPLOYMENT BENEFIT PROVISIONS

The attached exhibit of salient features of the substantive plan reflects our understanding of the eligibility and benefit features offered to uniformed employees of Westtown-East Goshen Regional Police Commission via the post-employment health and welfare benefit provisions. Our understanding of plan features is based upon documents provided by Westtown-East Goshen Regional Police Commission, as well as responses to our questions provided by Commission staff. Keep in mind that this exhibit reflects eligibility and benefits for future retirees and not necessarily for current retirees, as the current retirees may have been provided very different post-employment benefits.



WESTTOWN-EAST GOSHEN REGIONAL POLICE COMMISSION

**SALIENT FEATURES OF POST-EMPLOYMENT BENEFITS & ELIGIBILITY
AS OF JANUARY 1, 2016**

Eligibility	Minimum of age 50 and 25 years of service.
Coverage	Medical and Rx coverage same as active. No dental or vision. Coverage ends at age 65 or Medicare eligibility, whichever occurs first. Medical and prescription drug coverage is defined as PPO Platinum Plan.
Disability Benefit	If hired prior to October 12, 2012 and the disability is service-related, the retiree receives coverage as follows: Less than 10 Years of Service - 3 years of coverage at 100%. Between 10 and 15 Years of Service - 25% coverage until Medicare eligible Between 15 and 20 Years of Service - 50% coverage until Medicare eligible 20 or More Years of Service - 75% coverage until Medicare eligible If hired after October 12, 2012 and disability is service-related, the retiree receives 3 years of coverage at 100%.
Other Available Coverage	If the retiree has coverage available through an alternate source (i.e. other employment or through a spouse), the retiree is required to accept such coverage. However, the Commission shall reimburse any out-of-pocket expenses realized that would not have been realized had the retiree or spouse been a recipient of the Westtown-East Goshen medical and Rx benefits.
Retiree Contribution	No contribution is required under normal retirement. If disability retirement, a contribution is required as described above under "Disability Benefit".
Spousal Coverage	If hired prior to October 12, 2012, the spouse receives coverage under normal retirement only. If hired after October 12, 2012, the spouse does not receive coverage.
Dependent Child Coverage	The Commission does not pay for retiree dependent coverage. However, if the retiree wishes, he/she may purchase dependent coverage through the Commission.
Survivor Benefits	If hired prior to October 12, 2012, under normal retirement only.
Active Survivor Benefits	If an Active police officer dies while on duty, medical, Rx, dental and vision coverage will be provided to the spouse until remarriage, death or Medicare eligibility, whichever occurs first. Dependent children of the deceased officer shall receive benefits until age 26.
Life Insurance	\$62,500 for Life





COMMONWEALTH OF PENNSYLVANIA
PUBLIC EMPLOYEE RETIREMENT COMMISSION
P. O. BOX 1429, HARRISBURG, PA 17105-1429

July 27, 2016

Mr. Jon Altshul, Treasurer
Township of East Goshen [CHE]
1580 Paoli Pike
West Chester, PA 19380

Re: Act 205 of 1984
Notice of 2016 Distress Determination

Dear Mr. Altshul:

Act 205 of 1984 requires the Public Employee Retirement Commission to make biennial distress determinations for all municipalities. The results of the 2016 distress determination for your municipality are as follows:

TOTAL DISTRESS SCORE: 0

Based on the above distress score, your municipality is not eligible to participate in the Recovery Program for municipal pension plans established by Chapter 6 of Act 205. It should be noted that distress scores do not affect the amount of State aid that municipalities are eligible to receive under Chapter 4 of the Act. To obtain a distress score of zero, the funded ratio of all your municipality's pension plans combined must be 90 percent or greater. Your funded ratio is 114 percent.

If you have any questions concerning this notice, please do not hesitate to contact the Commission's office at (717) 783-6100.

Sincerely,

A handwritten signature in cursive script that reads "Bernard S. Kozlowski".

Bernard S. Kozlowski
Acting Executive Director



369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
FAX (717) 564-1158
www.hrg-inc.com

***VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED***

August 12, 2016

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

Re: **West Goshen Sewer Authority
WWTP Headworks Improvements Project
West Goshen, Chester County**

Dear Mr. Smith:

In accordance with Pennsylvania Act 14, this letter serves as your notification that the West Goshen Sewer Authority (Authority) will file an application to the Pennsylvania Department of Environmental Protection (DEP) for a Water Quality Management Part II Permit for their proposed Wastewater Treatment Plant (WWTP) Headworks Improvement Project (Project).

The Project involves the permitting and construction of an upgrade to the Authority's WWTP located at 848 S Concord Rd, West Chester, Pennsylvania, to include the following improvements:

- Replacement of the existing grit system and structural modifications necessary to accommodate the proposed equipment. This work includes a small building addition to the existing headworks building.
- Replacement of an existing rotary drum screen with two new rotary drum screens.

The purpose of these upgrades is to effectively remove grit and other debris (such as rags and refuse) from the WWTP prior to the biological and chemical processing of the wastewater. The upgraded WWTP will continue to serve the existing Authority service areas. All proposed work will take place at the existing WWTP in West Goshen Township.

Act 14 requires that every applicant for this type of permit give written notice to each municipality and county in which the activities are located, and that the municipalities must receive the notice at least 30 days before the Department of Environmental Protection (DEP) may issue or deny the permit. We also invite you to submit comments to DEP related to comprehensive plans and zoning ordinances under Acts 67 and 68, which

East Goshen Township

August 12, 2016

Page 2

amended the Municipal Planning Code to support sound land use practices and Growing Smarter. The law directs state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure.

If you have any questions or concerns, please contact me.

Very truly yours,

Herbert, Rowland & Grubic, Inc.



Joshua T. Fox, P.E.
Regional Service Group Manager

JSR/JTF/rb

R004194.0434 Ph 2

F:\0041\004194_0434\Admin\Permits\Part II Permit Application\8. 2016.08.12 Act 14 East Goshen Township.doc

c: Mike Moffa, WWTP Superintendent
File

Board of Supervisors
Attn: Mark Gordon
Director of Code Enforcement / Zoning Officer
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

August 29, 2016

AUG 31 2016

Dear Mr. Gordon ,

I received your letter, attached, dated August 25, 2016 pertaining to False Alarm and the alarm ordinance adopted in October 2009. We were on vacation out of the country when we received a call from ADT about a breach at our house on E Boot Road on August 20th. Although we called our neighbor and he took a quick look around and did not see anything "funny", we wanted to be on the safe side and dispatched the officer through the ADT outreach to investigate the alarm. We have been incredibly impressed with the responsiveness of the East Goshen Township officers, and quite frankly the way the Township is run since our relocation to the area in September 2014. You all have a Township to run and make as efficient as possible; and we believe you do that very well. The services of the community are wonderful, and the extra effort to develop recreation areas and provide for some community spirit are also well recognized.

I believe the ordinance that was adopted 2009 makes perfect sense and is more than lenient with respect to events that could occur during the years. We thought about not having an officer dispatched to our home, not wanting to create work that was unnecessary. However, we decided that since we were away from the house until the evening of the following day the only way we would feel completely comfortable would be to have a respected officer stop at our house and do a safety and secure check. We understand the need to ensure that these events are not excessive from any one resident, but at the same time are followed up on appropriately. We all read the story about the "Boy who cried wolf", I think as children, as well. We certainly do not want to unnecessarily utilize Township resources, and understand the officers there to serve us need to be available for real issues that could need their attention.

I just thought I would drop a note letting you know of my support of the ordinance, even though I had an occurrence. Should anyone ever question this ordinance, I would be happy to speak on behalf of the need to have one and the appropriateness of the one this Township has implemented.

Regards,



Eric Elliott

1665 E Boot Road
West Chester PA 19380

Rick Smith

From: Gallagher, Ryan <~~rgallagher@dvrpc.org~~>
Sent: Monday, August 29, 2016 11:08 AM
To: Rick Smith; Mark Gordon; Giampaolo, Steve; 'Wanger, Daniel'; Kouch, Jamie; 'Jason Lang'
Cc: Schoonmaker, Elizabeth; jkorus@pa.gov; Linda Guarini
Subject: Paoli Pike Trail CMAQ and TAP Segments

Greetings Everyone:

This email approves the Township's request for an extension of the TAP award until 6/30/19 for a final and complete PS&E submission including all clearances, plan approvals and permits for both TAP and CMAQ projects. The projects should be combined and completed as one project during the design and development process moving forward. Please let me know if you have any additional questions.

Please note that if you are not able to meet the combined funding deadline of 6/30/19 for this new project your federal funding will be lost and you will need to find a new source of funding for these projects.

Ryan

Note: The deadline for submission of the plans under the Paoli Pike Trail Tap Grant for Segment C was originally 6/30/18 while the deadline for submission of plans under the Paoli Pike Trail CMAQ Grant for Segments D & E was 6/30/19. The DVRPC has approved our request to extend the deadline for the TAP Grant, which will allow both projects to run together.