

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
February 11, 2013**

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, February 11, 2013 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, and Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Dan Barbato (Pennoni), Scott Towler (BFES), and Walter Wujcik (Conservancy Board).

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PR – Park & Recreation Board</i>
<i>EPA – Environmental protection Agency</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>HC – Historical Commission</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>I&I – Inflow & Infiltration</i>	<i>SSO – Sanitary System Overflow</i>
<i>LCSTP – Lochwood Chase Sewer Treatment Plant</i>	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Fran called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops. Fran asked if anyone would be recording the meeting and there was no response.

Chairman’s Report

None

Approval of Minutes

The Chairman noted that the minutes of the January 14, 2013 meeting were approved as corrected.

Approval of Invoices

1. Jack moved to approve payment of 5 Pennoni invoices:

#534558	\$5,865.25
#534559	\$5,988.75
#534560	\$1200.00
#534561	\$ 574.50
#534562	\$ 338.75

Kevin seconded the motion. The motion passed unanimously.

2. Kevin moved to approve payment of the Earthcore invoice #104980 for \$2,600.00. Jack seconded the motion. The motion passed unanimously.

3. Jack moved to approve payment of the Willow Pond Homeowners invoice for \$1,000 and John Schroder for \$1,000. Kevin seconded the motion. The motion passed unanimously.

4. Kevin moved to approve payment of the Gawthrop Greenwood invoice #106045 for \$1,406.80. Jack seconded the motion. The motion passed unanimously.

5. Jack moved to approve payment of the Membership fee to PA Municipal Auth. Assoc. of \$950.00. Kevin seconded the motion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported the Board received a request from a resident to consider installing a walking path at the Reservoir Road Preserve. The Board will review plans for the E Boot Road planting and will start to develop definitions for specimen trees.

Financial Reports

1. Jon Altshul, CFO, provided reports with the following comment: The Municipal Authority recorded \$18,979.26 in expenses and \$4.71 in revenues in the month of January, a difference of 418,974.55. The Fund balance is now \$42,909.87.

Old Business

None

Goals

1. The members reviewed the goals for 2013. Jack will provide an article for the Newsletter and Ed will attend the 1st quarter meeting at West Goshen.
2. Rick reported that the Board of Supervisors reviewed the Goals for 2013 of all of the ABCs and feel that some of them are really tasks. The BOS has prioritized the goals, which Rick gave to Fran. Also, a copy of the “Action Plan” from the Comprehensive Plan was provided so the MA can locate their goals and prioritize them.

New Business

1. Bid award recommendations from Michael Ellis, Pennoni, (see attached) were reviewed by the Authority members with the following results:
 - a. The recommended bids are: Marydell Pump Station Diversion, Contract No. MPS-2013 with bid by Ply-Mar Construction Co, Inc. of \$229,835.00 and Hershey Mill Pump Station Force Main Diversion, Contract No. HMPS-2013 with bid by Delaware Valley Utility Contractors, Inc. of \$171,440.00.
 - b. Jack moved to award the 2 bids based on the recommendation of the Township engineer. Fran seconded the motion. The motion passed unanimously.
 - c. Rick reported that funds for the exceedence of the budget for the Hershey’s Mill and Reserve PS bids of approximately \$9,000 will be transferred. Kevin moved to approve the transfer of \$9,000 from the Marydell to the Hershey’s Mill Project. Jack seconded the motion. The motion passed unanimously.
2. Easements – Chairman Fran Beck and Secretary Kevin Cummings signed the documents for the easements at Willow Pond.
3. Comprehensive Plan update – Rick reported that a Comprehensive Plan Task Force is being formed. It will consist of 1 regular member and 1 alternate from each ABC except the Planning Commission which will have 2 members and 2 alternates. The first meeting will be Monday, February 25, 2013 at 7:00 pm at the Township Building. The update is expected to take about 18 months. The Municipal Authority will be asked to attend on an “as needed” basis.

Capacity Requests

None

Sewer Reports

1. **Mark Miller, Director of Public Works**, provided the following report for January:
Meters – The meters were read on a daily basis with no problems to report.

CC Collection: All pump stations were visited on a daily basis. We experienced a problem at the Ashbridge pumping station due to a power outage. The transducer was knocked off line; however, the back-up float system took over the operation. Once the power was restored, we were able to bring the transducer back on line. We will be changing out the air release valve on the Ashbridge force main due to flows. This work will be done during off hours.

We received a call for a lateral blockage at 1560 Tanglewood Drive. The blockage was between the clean-out and the sewer main. Once the lateral was cleared, the line was televised and we were able to determine that the line had a sag 5 feet below the tee. A PA One Call was made for the repairs. When the line was excavated, we found a sag in the lateral 8 feet long. The pipe was removed and we over excavated the trench and installed a foot of stone to bed the pipe.

RC Collection: Hunt Country Pump station was visited on a daily basis. The wet well was scraped due to a buildup of grease.

RC Plant: The Public Works Dept. was notified of a freezing problem in the screen room. We found that both heaters were down due to a motor failure. Upon further investigation, we found the heaters to be totally rusted out. I contacted the manufacturer who advised me that the warranty was no longer available. I asked them to price out new parts and a replacement cost for new heaters as well. The cost to replace the units was \$6,860.00. (Keep in mind they are explosion proof). The cost to replace the motors was \$1,750.00. It was decided to repair the existing units. Both units will be pulled out over the summer months due to the high humidity. We incurred a power outage at the plant on January 31 for a total of 18 hours. Rick reported that PECO called and wanted to shut off the switch inside the gate. Since it is inside the gate, it is the responsibility of the Township. PECO doesn't want any liability for it. Going forward, we will need a certified electrician to turn it off and on. Mark will make some calls.

Alarms: Alarms for the month ranged from power outages to a high level at the Ashbridge pumping station. We received a total of 18 alarms.

PA One Calls: We received 63 PA One calls for the month of January.

2. **Pennoni:** Dan Barbato provided the following engineer's report:
Invoices: Invoices with summaries are provided under separate cover.
Ridley Creek Sewage Treatment Plant (RCSTP) – Pennoni continues to coordinate with the Plant Operator and will provide operations assistance as needed. No issues were brought to our attention in January.
Marydell PS Elimination - We provided bid assistance services including preparation of Addendum #4, responding to questions from prospective bidders, conducting bid opening, preparing the bid tabulation, reviewing bid documents, checking contractor references, and preparing an award recommendation letter.

We continued to coordinate with the various affected utility providers. We met with PECO on-site and have coordinated with them to brace poles along the new sewer route during construction. We added notes to the plans as requested by Sunoco, and we are awaiting a determination from Sunoco regarding existing gas main depths. Verizon has not provided any comments on the plans.

Hershey's Mill PS Diversion – We provided bid assistance services including conducting a non-mandatory pre-bid meeting on January 23, 2013, preparation of Addenda #1 and #2, responding to questions from prospective bidders, reviewing a request for an alternative “equivalent” cured-in-place manhole lining product, conducting bid opening, preparing the bid tabulation, reviewing bid documents, checking contractor references, and preparing an award recommendation letter.

We staked out the property line (one side of easement) between the Shope and Shumaker properties at 25-foot intervals.

We observed six soil auger borings along the proposed sewer alignment and prepared boring logs. The logs were included in Addendum #2 for use by directional drillers in bidding.

Reserve PS Elimination – No activity since last report.

The GP-5 “Utility Line Stream Crossing” permit does not allow any construction between March 1 and June 15 because the Ridley Creek tributary that will be crossed is a protected water use for trout stocking. We tentatively propose to put the project out to bid in March, with bids due in early April and award on April 8, 2013. The contract duration will be 120 days with flexibility on the construction start date.

Hershey's Mill Muffin Monster

No activity since last report.

Semi-Annual I/I Analysis – We analyzed portable and permanent meter data from the 4th quarter of 2012, and we prepared a brief, interim meter analysis summary report. Meter data will be analyzed again in March, and the formal semi-annual I/I report will be submitted by March 31, 2013.

Chapter 94 Annual Reports – We began to collect data and information required to prepare the reports. We analyzed portable and permanent meter data from calendar year 2012, and we began to prepare the reports for the Westtown and West Goshen Service Areas.

DEP informed us that a Chapter 94 Report will not be required for the Lockwood Chase Sewage Treatment Plant since it was decommissioned in 2012. We will submit a letter to DEP documenting the Plant closure, in lieu of a full report, per their request.

3. **Big Fish Environmental Services, Inc.**, Scott Towler presented a report for January 2013. The following is a summary:

Treatment Process Operation

During January, there were no exceedances of the final effluent discharge limitations for outfall 001. There was no discharge from outfall 002. The monthly average total phosphorus concentration was 0.23 mg/L as compared to the discharge limitation of 0.5 mg/L. During the month, the final effluent total phosphorus concentration discharged ranged from <0.10 mg/L to .041 mg/L.

As a comparison, the December 2012 monthly average total phosphorus concentration was 0.20 mg/L. The total phosphorus concentration discharged ranged from <0.10 mg/L to 0.38 mg/L.

Sequencing batch reactors (SBRs) 1, 3 and 4 were in service during the month of January. Process monitoring of each SBR included ammonia as N, nitrite as N, COD SSV MLSS and total phosphorus. Microscopic examinations and physical observation of the SBR MLSS and foam color is ongoing.

Daily monitoring of the influent and final effluent 24-hour composites samples for total phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample of total phosphorus is ongoing.

Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued. The volume of aluminum sulfate solution to the SBRs was largely consistent through January with increased volume addition towards the end of the month. The increase in alum use is largely the result of placing the LMI chemical fee pump online beginning January 23, 2013. This chemical feed pump provides aluminum sulfate solution prior to filtration to assist in total phosphorus removal.

SBR 2 remains out of service. Approximately 8 feet (154,500 gallons) of mixed liquor was transferred to the sludge holding tanks for dewatering. The remaining contents are mixed and are aerated (blower in hand mode at reduced speed). Transfer of the remaining mixed liquor will occur as freezing conditions are minimized.

Process Monitoring On-Line Instrumentation

Kershner Technologies installed a ChemScan phosphate analyzer on January 29, 2013. Comparison testing for reactive (ortho) and total phosphorus is ongoing with a formalized plan beginning February 10th.

During the month, the centrifuge dewatering system was placed in service. Sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.

Sludge holding tank #1 was in service. The level at the beginning of the month was 10.54 feet and the level at the end of the month was 4.96 feet. The initial total solids concentration was 1.31% and ended the month as 0.70% total solids. A total of 118,125 gallons of supernatant was decanted during the month.

Sludge holding tank #2 was in service. The level at the beginning of the month was 8.77 feet and the level at the end of the month was 13.66 feet. The initial total solids concentration was 0.70% and ended the month as 0.73% total solids. No supernatant was decanted. Sludge was dewatered using the centrifuge.

Significant Storm Events – During January there was 1 significant rainfall event contributing to excessive influent wastewater flows to the treatment facility. The event occurred on January 31st. On the 31st, the influent flow to the SBRs was greater than 100% of the daily average hydraulic design capacity from 3:51 AM through 8:38 AM. The treatment process experienced 3 filled decants; however, the final effluent composite sample was satisfactory.

Minor Repairs & Preventative Maintenance

- a. ACS was contacted to schedule repair of the influent flow chart recorder.
- b. ACS was contacted to provide a flow meter signal cable to connect the new influent “field” flow meter to the influent sampler located at the doghouse manhole to provide for flow proportioned sample collection of the influent wastewater.

In answer to Kevin's question about filamentous, Scott responded that it was ok and they are still on track to being compliant.

Any Other Matter

None

Correspondence

None

Adjournment

There being no further business, Jack moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 7:40pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary

East Goshen Municipal Authority
 Tabulation of Bids Received Until 10:00 a.m.
 Prevaling time on February 5, 2013

CONTRACT No. MFS-2013
MARYBDLL PUMP STATION DIVERSION

Ply-Mar Construction Co.,
 Inc.
 965 Plymouth Road
 Plymouth Meeting, PA 19462
 (P) 610-275-5473

Renald Smith, Inc.
 559 Tristle Place
 Downingtown, PA 19335
 (P) 610-873-5910

A. Gargiulo & Sons Inc.
 643 Creek Road
 Brookhaven, PA 19015
 (P) 610-257-8323

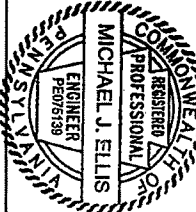
SMI Construction Company,
 Inc.
 PO Box 373
 Spring House, PA 19477
 (P) 215-628-3905

Out of Site Infrastructure, Inc.
 693 Painter Street
 Media, PA 19063
 (P) 610-565-5653

BrightLine Construction Inc.
 550 State Road, Suite 100
 Berwyn, PA 19020
 (P) 215-447-8386

H.P. Paterson Inc.
 537 Kingswood Road
 King of Prussia, PA 19066
 (P) 610-659-1055

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY/UNIT	PLY-MAR CONSTRUCTION CO., INC.		RENALD SMITH, INC.		A. GARGIULO & SONS INC.		SMI CONSTRUCTION COMPANY, INC.		OUT OF SITE INFRASTRUCTURE, INC.		BRIGHTLINE CONSTRUCTION INC.		H.P. PATERSON INC.			
			UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT
1	Site Preparation and Restoration	1	L.S.	\$44,000.00	\$44,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$10,960.00	\$10,960.00	\$26,514.00	\$26,514.00	\$23,500.00	\$23,500.00	\$8,000.00	\$8,000.00	
2	Installation, Maintenance, and Removal of Erosion and Sediment Controls	1	L.S.	\$3,000.00	\$3,000.00	\$600.00	\$600.00	\$2,500.00	\$2,500.00	\$7,250.00	\$7,250.00	\$14,580.00	\$14,580.00	\$8,500.00	\$8,500.00	\$2,500.00	\$2,500.00	
3	8" Sanitary Sewer Main in Parcel Areas, 0-10 ft. deep, between EXXH-101 and MH-6	296	L.F.	\$105.00	\$31,080.00	\$161.96	\$47,960.16	\$125.00	\$37,000.00	\$83.00	\$24,854.00	\$126.00	\$37,296.00	\$150.00	\$44,400.00	\$257.00	\$75,972.00	
4	8" Sanitary Sewer Main in Parcel Areas, 10-15 ft. deep, between EXXH-101 and MH-6	88	L.F.	\$120.00	\$10,560.00	\$160.21	\$14,098.48	\$150.00	\$13,200.00	\$135.00	\$11,880.00	\$148.00	\$13,024.00	\$184.00	\$16,192.00	\$269.00	\$23,672.00	
5	8" Sanitary Sewer Main in Non-Parcel Areas, 0-10 ft. deep, between EXXH-101 and MH-6	114	L.F.	\$45.00	\$5,130.00	\$149.75	\$17,071.50	\$100.00	\$11,400.00	\$55.00	\$6,270.00	\$95.00	\$10,830.00	\$92.00	\$10,488.00	\$222.00	\$25,308.00	
6	8" Sanitary Sewer Main between MH-6 and EXXH-201 via Open Cut OR Jack & Bore (Contractor's choice)	255	L.F.	\$45.00	\$11,475.00	\$153.88	\$39,239.40	\$125.00	\$31,875.00	\$72.00	\$18,360.00	\$115.00	\$29,325.00	\$95.00	\$24,225.00	\$24.00	\$5,970.00	
7	8" Sanitary Sewer Main Under Book Road	82	L.F.	\$300.00	\$24,600.00	\$176.81	\$14,498.42	\$150.00	\$12,300.00	\$400.00	\$32,800.00	\$343.00	\$28,126.00	\$750.00	\$61,500.00	\$275.00	\$22,550.00	
8	Jack and Bore 8" Sanitary Sewer Main Under Book Road	118	L.F.	\$230.00	\$27,140.00	\$269.77	\$31,832.86	\$760.00	\$89,680.00	\$930.00	\$109,740.00	\$785.00	\$92,630.00	\$675.00	\$79,650.00	\$1,273.00	\$150,214.00	
9	Manholes, 0-10 ft. deep	3	E.A.	\$3,000.00	\$9,000.00	\$2,368.80	\$7,106.40	\$5,500.00	\$16,500.00	\$3,190.00	\$9,570.00	\$4,272.00	\$13,176.00	\$4,600.00	\$13,800.00	\$4,800.00	\$14,400.00	
10	Manholes, 10-15 ft. deep	2	E.A.	\$3,500.00	\$7,000.00	\$2,571.20	\$5,142.40	\$7,000.00	\$14,000.00	\$4,480.00	\$8,960.00	\$5,120.00	\$10,240.00	\$7,000.00	\$14,000.00	\$7,500.00	\$15,000.00	
11	4" Lateral Services	1	E.A.	\$1,000.00	\$1,000.00	\$3,800.00	\$3,800.00	\$1,000.00	\$1,000.00	\$1,160.00	\$1,160.00	\$1,160.00	\$1,160.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	
12	Low Pressure Sewer Lateral Diversion	1	L.S.	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$2,545.00	\$2,545.00	\$800.00	\$800.00	
13	11" Pit Depth Preventer Restoration (10' thick pavement section)	275	S.Y.	\$80.00	\$22,000.00	\$143.00	\$39,325.00	\$85.00	\$23,375.00	\$78.00	\$21,450.00	\$113.00	\$31,075.00	\$89.00	\$24,475.00	\$80.00	\$22,000.00	
14	Demolition of Existing Pump Station and Abandonment of Existing Force Main Between MH-6 and EXXH-201	1	L.S.	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$5,400.00	\$5,400.00	\$7,591.00	\$7,591.00	\$24,000.00	\$24,000.00	\$5,000.00	\$5,000.00	
15	Pitoff Pipe Road Closure Detector and/or Maintenance of Traffic During Construction of Sewer Between MH-6 and EXXH-201	1	L.S.	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$5,620.00	\$5,620.00	\$19,593.00	\$19,593.00	\$11,800.00	\$11,800.00	\$3,500.00	\$3,500.00	
16	1.5" Mill and Overlay Remaining Width of Pavement Remaining Width of Pavement Remaining Width of Pavement Remaining Width of Pavement	75	S.Y.	\$30.00	\$2,250.00	\$48.40	\$3,630.00	\$30.00	\$2,250.00	\$19.50	\$1,462.50	\$61.00	\$4,725.00	\$60.00	\$4,500.00	\$40.00	\$3,000.00	
TOTAL BASE BID				\$208,615.00	\$236,784.62	\$273,830.00	\$279,276.50	\$344,350.00	\$364,675.00	\$433,986.00								
ADD ITEMS																		
17	Backfill Concrete Curb Replacement	30	L.F.	\$30.00	\$1,500.00	\$22.00	\$660.00	\$50.00	\$1,500.00	\$79.00	\$2,370.00	\$48.75	\$862.50	\$55.00	\$1,650.00	\$35.00	\$1,050.00	
18	Miscellaneous Excavation and Backfill with 2A Modified Stone	20	C.Y.	\$60.00	\$1,200.00	\$34.00	\$680.00	\$75.00	\$1,500.00	\$87.00	\$1,740.00	\$39.50	\$790.00	\$90.00	\$1,800.00	\$80.00	\$1,600.00	
19	Miscellaneous Excavation and Backfill with Excavated Soils	20	C.Y.	\$30.00	\$600.00	\$24.00	\$480.00	\$50.00	\$1,000.00	\$87.00	\$1,740.00	\$39.00	\$780.00	\$55.00	\$1,100.00	\$70.00	\$1,400.00	
20	Typical Concrete Encasement (does not include encasement of telecommunications ductbank casing)	20	L.F.	\$50.00	\$1,000.00	\$100.00	\$2,000.00	\$150.00	\$3,000.00	\$114.00	\$2,280.00	\$38.00	\$760.00	\$140.00	\$2,800.00	\$100.00	\$2,000.00	
21	1.5" Mill and Overlay Pavement Lane	455	S.Y.	\$24.00	\$10,920.00	\$34.98	\$15,915.50	\$26.00	\$11,830.00	\$30.50	\$9,227.50	\$23.00	\$10,485.00	\$40.00	\$18,200.00	\$24.00	\$10,920.00	
22	Soft Dig Test Pit for Utility Locating	3	E.A.	\$2,000.00	\$6,000.00	\$966.00	\$2,898.00	\$1,200.00	\$3,600.00	\$966.00	\$2,898.00	\$862.50	\$2,587.50	\$2,725.00	\$7,175.00	\$1,500.00	\$4,500.00	
TOTAL BID FOR CONTRACT MFS-2013 INCLUDING BASE BID and ALL ADD ITEMS (based on Estimated Quantities)				\$229,835.00	\$259,218.52	\$273,830.00	\$279,276.50	\$362,822.50	\$398,400.00	\$458,146.00								
BID SECURITY				10% of Bid	10% of Bid	NONE PROVIDED	10% of Bid	10% of Bid	10% of Bid	10% of Bid								



We Declare this to be a true Tabulation of Bids Received on February 5, 2013 by East Goshen Municipal Authority for Contract No. MFS-2013

PRINNON ASSOCIATES INC.
 Michael J. Ellis, P.E., PA Reg. No. PE087838
 FOR: PRINNON ASSOCIATES INC.

**CONTRACT No. HMPS-2013
 HERSHEY MILL PUMP STATION FORCE MAIN DIVERSION**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY/UNIT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT
BASE BID										
1	Site Preparation, Erosion and Sediment Controls, and Restoration	1 L.S.	\$35,500.00	\$35,500.00						
2	6" HDPE SDR11 Force Main	975 L.F.	\$68.00	\$66,300.00	\$31,000.00	\$31,000.00	\$5,500.00	\$5,500.00	\$17,470.00	\$17,470.00
3	10" HDPE SDR11 Force Main	15 L.F.	\$800.00	\$12,000.00	\$90.50	\$88,257.50	\$95.00	\$92,625.00	\$167.00	\$162,825.00
4	6" Gate Valve	1 EA.	\$3,200.00	\$3,200.00	\$1,025.00	\$15,375.00	\$1,000.00	\$15,000.00	\$290.00	\$4,350.00
5	Superpave 25mm Base Course, 8" Depth	70 S.Y.	\$68.00	\$4,760.00	\$2,550.00	\$2,550.00	\$6,500.00	\$6,500.00	\$1,790.00	\$1,790.00
6	Superpave 25mm Base Course, 5" Depth	35 S.Y.	\$58.00	\$2,030.00	\$100.00	\$7,000.00	\$55.00	\$3,850.00	\$122.00	\$8,540.00
7	Cured-in-Place Manhole Liner for MH-114	1 L.S.	\$5,200.00	\$5,200.00	\$85.00	\$2,975.00	\$35.00	\$1,225.00	\$108.00	\$3,780.00
8	Cured-in-Place Manhole Liner for MH-115	1 L.S.	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$6,300.00	\$6,300.00
9	Abandonment of Existing 6" Force Main	1 L.S.	\$24,000.00	\$24,000.00	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00	\$8,210.00	\$8,210.00
10	Flowable Fill	25 C.Y.	\$240.00	\$6,000.00	\$16,400.00	\$16,400.00	\$7,000.00	\$7,000.00	\$21,180.00	\$21,180.00
11	Pump & Haul Wastewater from Hershey Mill Pump Station	1 L.S.	\$3,200.00	\$3,200.00	\$160.00	\$4,000.00	\$3,000.00	\$75,000.00	\$330.00	\$8,750.00
TOTAL BASE BID				\$169,190.00	\$5,100.00	\$5,100.00	\$10,000.00	\$10,000.00	\$14,910.00	\$14,910.00
(Based on Estimated Quantities)					\$186,637.50		\$234,700.00		\$258,105.00	
ADD ITEMS										
12	Miscellaneous Excavation and Backfill with 2A Modified Stone	10 C.Y.	\$60.00	\$600.00	\$92.00	\$920.00	\$100.00	\$1,000.00	\$92.00	\$920.00
13	Miscellaneous Excavation and Backfill with Excavated Soils	10 C.Y.	\$35.00	\$350.00	\$42.00	\$420.00	\$100.00	\$1,000.00	\$92.00	\$920.00
14	Typical Concrete Encasement	20 L.F.	\$65.00	\$1,300.00	\$92.00	\$1,840.00	\$250.00	\$5,000.00	\$146.00	\$2,920.00
TOTAL BID FOR CONTRACT HMPS-2013 INCLUDING BASE BID and ALL ADD ITEMS				\$171,440.00	\$189,817.50	\$241,700.00	\$262,865.00			
BID SECURITY			10% of Bid		10% of Bid		NONE PROVIDED		10% of Bid	

We Declare this to be a true Tabulation of Bids received on February 6, 2013
 by East Goshen Municipal Authority for Contract No. HMPS-2013

PENNONI ASSOCIATES INC.

Michael J. Ellis, P.E., PA Reg. No. PE075139
 FOR: PENNONI ASSOCIATES INC.

