

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

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, March 11, 2013 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, Dana Pizarro and Ed McAssey. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio, (Township Supervisor), Mark Miller (Director of Public Works), Bob Adams, (Solicitor), 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 &amp; 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&amp;I – Inflow &amp; 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**

Ed McAssey reported that he attended the West Goshen meeting on March 6, 2013. Most of the meeting was devoted to Goose Creek. They feel that by mid-May they will know if it will go to trial or not. They are going to send a notice to their customers.

**Approval of Minutes**

The Chairman noted that the minutes of the February 11, 2013 meeting were approved as corrected.

**Approval of Invoices**

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

#537504	\$5,033.00
#537505	\$2,167.75
#537506	\$ 570.00
#537507	\$2,494.00
#537508	\$2,496.75

Dana seconded the motion. The motion passed unanimously.

**Liaison Reports**

1. Conservancy Board – Walter reported that they staked the locations for the dogwood trees to be planted along E Boot Rd. Woodlawn is the contractor and will start in April. They will

fertilize the area based on the soil report. They will review their goals in the Comprehensive Plan.

2. Board of Supervisors – Carmen reported that the Township’s finances are in good shape and the Comprehensive Plan Task Force had its first meeting.

### **Financial Reports**

1. Jon Altshul, CFO, provided reports with the following comment: The Municipal Authority recorded \$19,794.15 in expenses and \$32,118.39 in revenues (mostly from a \$30,000 transfer from the sewer capital reserve fund, but also from the Pine Rock repayment) in the month of February, a difference of \$12,324.24. The Fund balance is now \$55,234.11. He also attached a worksheet for the 2013 quarterly administrative charge back of \$7,980.36.

Dana noted that the 2 pump stations are over budget. Rick will mention it to Jon but the Capital Reserve should cover that. Fran spoke to Brian McCool about the options that are available to residents for paying their sewer bill. Rick verified that they can use a check, automatic payment from their checking account or a credit card which has a processing fee. Fran and Dana feel that these haven’t been explained and are confusing. Rick will put something in the next newsletter. Dana requested a detailed account breakdown with the financial reports.

### **Old Business**

None

### **Goals**

1. All of the Authority members think that the use of “Goals” by the Supervisors and “Action Items” in the Comprehensive Plan are confusing. One or the other should be used, not two different terms. Rick explained that the BOS wants the Authority to review the Action Items. Rick will prepare a list for the next meeting. Jack commented that the first 2 items on the Goals list should be in BOLD type since they are completed.

### **New Business**

1. Rick reported that the Township received a letter from the EPA. He noted that East Goshen does not accept anything from shale gas and only accepts domestic sewage.

2. The new NPDES inspector, Michael Brenner, met with Scott Towler and went through the Ridley Creek plant. The Authority reviewed his report and was very pleased.

3. The agreement with Willow Pond was previously signed, but due to an error, it has to be re-signed. Rick gave the copies to Fran and Ed to sign.

### **Capacity Requests**

None

### **Sewer Reports**

1. **Mark Miller, Director of Public Works**, provided the following report for February:  
**Meters** – The meters have been installed and are working well. We had a problem with the portable meter at Reservoir and Strasburg Road. Allied Control found the main board had failed. The meter was pulled and sent out for repair.

**Pump Stations** – Were visited on a daily basis. Bar screens were cleaned and the walls were cleaned. The Mary Dell pump station called in several alarms last Sunday. We

found a bad float which was replaced. We contacted Aqua Wastewater to vac the wet well due to heavy grease build up.

CC Collection: We were notified of a lateral backup at 1448 Linden Lane. We made several attempts to clear the clog; unfortunately the cog was in the trap. We utilized the jetter to clean the main. Once that was done, we dropped the camera in the main and televised the 8" line which was clear. However, when we looked at the lateral connection, we could see heavy root buildup. We made several more attempts to clear the roots to no avail. We excavated the lateral and found the trap completely blocked. We installed a new trap and clean out. We televised the lateral prior to backfilling and everything is ok.

We were notified of a manhole over flowing on Paoli Pike. It turned out to be a Verizon manhole.

R.C. Collection: We did televising of some lines at Pulte homes to investigate for sump pump tie-ins. We found no evidence of sump pumps.

R.C. Plant: The plant operator notified us of heavy grit build up in front of the muffin monster. I contacted Aqua Wastewater for a vac truck. The line was completely cleaned. Lenni Electric was utilized to install four – 220 outlets for the pressure washer at various locations at the plant. We are in the process of fabricating three pipe stands for the filtration pumps. This will allow us to remove pumps for servicing.

Pipe Data View cleaned and televised 20,000 feet of pipe between both systems during the month. No pipe problems to report; however, we needed to replace several manhole castings.

Alarms: We received a total of 26 alarms

PA One Calls: We received 58 PA One calls for the month of February.

Mark commented that with the abandonment of the Reserve pump station, he wants to pull the equipment and put it in Hunt Country. Some items are no longer available. The building will have to be modified to fit the equipment but that can be done "in house".

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 February. Our review of the monthly operations report does not indicate any concerns.

Marydell PS Elimination – We attended a pre-construction meeting with the Township and Ply-Mar Construction (Contractor) and a follow-up pre-construction meeting with the Township, Ply-Mar, PennDOT and PECO.

We issued a contract award letter to Ply-Mar. We have also reviewed Ply-Mar's contract documents and have coordinated with them to have their insurance coverage revised to comply with contract requirements. They informed us they are in the process of having their insurance revised, but they do not yet have a revised insurance certificate to submit for review and approval.

Pending approval of the insurance, we intend to issue the Notice to Proceed with Construction on March 18, 2013. Ply-Mar intends to mobilize later that week and begin construction on March 25. They estimate 6-8 weeks to complete the project.

We continued attempts to coordinate with the various affected utility providers. PECO will brace utility poles during the work, but we are awaiting a determination from them as to how exactly they will brace them. We have submitted plans to Sunoco and Verizon, and are still awaiting feedback from them.

We prepared a Construction Issue set of plans and specifications incorporating changes from the four addenda, and the documents were issued to Ply-Mar and the Township.

We also prepared a CAD file and plan with critical survey information for the Contractor's use in construction layout. Additionally, we reviewed a partial submission of shop drawings from the Contractor.

Hershey's Mill PS Diversion: We issued a contract award letter to the Contractor, Delaware Valley Utility Contractors (DVUC). We have also reviewed DVUC's contract documents and have coordinated with them to have their insurance coverage revised to comply with contract requirements.

DVUC proposes to begin work on May 6, 2013. We intend to issue the Notice to Proceed with Construction by early April. They estimate approximately one month to complete the project.

We prepared a Construction Issue set of plans and specifications incorporating changes from the two addenda, and the documents were issued to the Township. We are also in the process of reviewing shop drawings from the Contractor.

Reserve PS Elimination – We completed near-final Bid Plans and submitted them to the Township for review. The specifications will be completed and submitted for Township review. The specifications will be completed and submitted to the Township for review by March 15.

The project will be put out to bid after the Reserve at Spring Meadows HOA has granted the easement and rock borings are performed.

Chapter 94 Annual Reports – We have continued to collect data and information required to prepare the reports. We analyzed portable and permanent meter data from calendar year 2012, and we are in the process of preparing the reports for the Ridley Creek, West Goshen, and Westtown Service Areas. DEP previously informed us that a full report is not required for the Lockwood Chase STP.

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

Treatment Process Operation

During February, 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 0.20 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 <0.14 mg/L to .026 mg/L.

Sequencing Batch Reactors (SBRs) number 1, 3, and 4 were in service during the month of February. Process monitoring of each SBR included ammonia as N, nitrite as N, nitrate 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 is 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 February with increasing uniformity during the month. The addition of Aluminum Sulfate Solution, using the LMI chemical feed pump, prior to the disc filters has assisted with improving total phosphorus from the final effluent outfall.

SBR No 2 remains out of service. The remaining contents are continuously mixed and are aerated (blower in hand mode at reduced speed) to prevent odors. 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 data from the online analyzer and on site testing is ongoing.

Representatives from the Hach Chemical Company have requested an opportunity to conduct a pilot study demonstrating their online phosphorus monitoring system.

Coordination of a pilot study is planned to begin late March or April.

The flow meter appears to have malfunctioned as observed through recording significantly higher flow volumes than the influent flow meter to the SBR. Allied Control Services (ACS) was contacted to address the malfunction.

Solids Dewatering and Disposal – 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 No.1 was in service. The level at the beginning of the month was 4.93 feet and the level at the end of the month was 12.28 feet. The initial total solids concentration was 0.66% and ended the month as 0.80% total solids. Zero (0) gallons of supernatant were decanted during the month.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 14.48 feet and the level at the end of the month was 2.53 feet. The initial total solids concentration was 0.87% and ended the month as 0.70% total solids. 27,475 gallons of supernatant were decanted. Sludge was dewatered using the centrifuge.

Significant Storm Events – During February there were no significant precipitation events impacting the treatment process.

Minor repairs and Preventative Maintenance:

- ACS repaired influent flow chart recorder.
- ACS provided a flow meter signal cable and connected the new influent “field” flow meter to allow for flow proportioned composite sampling.
- Centrifuge gear box was inspected for routine O&M. No metal filings were observed.
- Centrifuge rear bearing is operating at a higher temperature than the front bearing. The bearing temperature is generally around 150°F. Emergency shutdown is 212°F. Centrifuge operators recommend corrective actions should the temperature rise above 180°F.

• Field influent composite sampler controller failed. The controller from another sampler was temporarily installed until the repaired unit is returned. A spare unit is planned for purchase.

Mark asked Scott if they will have to put the soda ash in the top. When Scott answered yes, Mark mentioned that he wants to cut a path to make the process more efficient.

Scott feels that is a good idea but in the future maybe they should look at a Dry Feed System.

**Any Other Matter**

1. Rick reported that Westtown is in the process of approving the demolition of the old gas station, WAWA, and current PNC Bank at Rts. 3 & 352. The PNC Bank will build a new building at the corner and a Rite Aid pharmacy will be built on the other lots. Their sewer use is based on a percentage.

**Correspondence**

None

**Adjournment**

There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:00pm.

Respectfully submitted,

Ruth Kiefer  
Recording Secretary

East Goshen Township General Ledger

Report Date 03/12/13

GL Transaction Details

PAGE 1

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000	INTEREST	EARNINGS				0.00				
	1301	JE	36010		0.74		02/05/13	INTEREST		INTEREST EARNED JANUARY 2013 07 FUND
				0.00	0.74	-0.74				
	1302		36396		0.48		03/04/13	INTEREST		INTEREST EARNED FEB. 2013 07 FUND
				0.00	0.48	-1.22				
				0.00	1.22	-1.22				
07341-1020	INTEREST	EARNED - RCSTP EXPANSION				0.00				
	1301		36011		3.97		02/05/13	INTEREST		INTEREST EARNED JANUARY 2013 07 CONSTRUCTION FUND
				0.00	3.97	-3.97				
	1302		36397		4.91		03/04/13	INTEREST		INTEREST EARNED FEB. 2013 07 CONSTRUCTION FUND
				0.00	4.91	-8.88				
				0.00	8.88	-8.88				
07364-1110	R.C. TAPPING FEES					0.00				
	1301		35931	2,000.00			01/30/13	REV TRX		REVERSE TRX #32779 TAP IN FEE FOR 913 SORRELL HILL
			35934		2,000.00		01/30/13	REV TRX		RE-REVERSE TRX 35931 FOR 913 SORRELL HILL TAP IN FEES
				2,000.00	2,000.00	0.00				
				2,000.00	2,000.00	0.00				
07364-1130	CONNECTION FEES - SEWER					0.00				
	1302	CR	36075		423.00		02/08/13	264	7195	1 JACOBS, ROBERT & CHERYL
					423.00		02/08/13	755	7193	1 GEORGE SMITH & CHRISTINA CONLE
		***		0.00	846.00	***				
			36147		423.00		02/13/13	11	6577	1 PAPPANO, JOSEPH & PATRICIA
					421.00		02/13/13	11	7196	1 PAPPANO, JOSEPH & PATRICIA
		***		0.00	844.00	***				
			36193		423.00		02/15/13	2173	7194	1 STOFFLET, MICHAEL
	JE		36174	282.24			02/14/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			36194	141.12			02/15/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				423.36	2,113.00	-1,689.64				
				423.36	2,113.00	-1,689.64				
07380-1000	MISCELLANEOUS REVENUE					0.00				

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Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
	1302 JE	36174		282.24		02/14/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		36194		141.12		02/15/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			0.00	423.36	-423.36				
			0.00	423.36	-423.36				
07392-0900	TRANSFER FROM SEWER CAP RESERVE				0.00				
		36187		30,000.00		02/15/13	XFER		XFER \$ FROM 9100.1000 TO 7100.1000 TO COVER MA EXPENSES
			0.00	30,000.00	-30,000.00				
			0.00	30,000.00	-30,000.00				
07424-3000	MISCELLANEOUS EXPENSE				0.00				
	1301 CD	35598	500.00			01/03/13	2153		2737 DEP - COMMONWEALTH OF PA NPDES PERMIT - 2013 MINOR SEWAGE FACILITY
		35783	950.00			01/18/13	2158		2132 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2013 ACTIVE MEMBERSHIP DUES
			1,450.00	0.00	1,450.00				
			1,450.00	0.00	1,450.00				
07424-3130	ENGINEERING SERVICES				0.00				
		35695	3,264.75			01/15/13	2156		1052 PENNONI ASSOCIATES INC. SERV. THRU 12/9/12 2012 GEN.SERV
			3,264.75	0.00	3,264.75				
	1302	36119	1,538.75			02/12/13	2162		1052 PENNONI ASSOCIATES INC. SERV. THRU 1/13/13 GEN.SERVICES 2
			1,538.75	0.00	4,803.50				
			4,803.50	0.00	4,803.50				
07424-3140	LEGAL SERVICES				0.00				
	1301	35695	3,289.10			01/15/13	2155		528 GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 11/9-11/30/12 GEN.AU
			3,289.10	0.00	3,289.10				
	1302	36119	1,406.80			02/12/13	2161		528 GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - JAN. 2013 GEN.AU
			1,406.80	0.00	4,695.90				
			4,695.90	0.00	4,695.90				

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Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-7475	LOCHWOOD	ABANDONMENT ENGINEER			0.00				
	1301	35695	511.50			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/9/12 HERSHEY M PUMP STATION MUFFIN MONSTER
			511.50	0.00	511.50				
	1302	36119	574.50			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 H.MILL PS MUF MONSTER DESIGN
			574.50	0.00	1,086.00				
			1,086.00	0.00	1,086.00				
07424-7476	LOCHWOOD	ABANDONMENT CONSTRUCTION			0.00				
	1301	35598	246.01			01/03/13	2152	317	CONTRACTOR'S CHOICE ORANGE SAFETY FENCE, STAKES & PA
		35695	1,482.40			01/15/13	2154	425	EAST GOSHEN TOWNSHIP LOCHWOOD PLANT CLOSING COSTS-LAB
		35698	-1,482.40			01/15/13	2154	425	EAST GOSHEN TOWNSHIP VOID CK. 2154 - DUPLICATE PAYMEN
			246.01	0.00	246.01				
			246.01	0.00	246.01				
07424-7477	LOCHWOOD	ELIMINATION PHASE 2			0.00				
		35872	379.90			01/24/13	2159	2762	A.J. BLOSENSKI INC. 30 YDS. ROLLOFF HAULING & LANDFI FEE
			379.90	0.00	379.90				
	1302	36189	200.00			02/15/13	2165	2762	A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE
	JE	36105		379.90		02/11/13	VOID CHECK		VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK
			200.00	379.90	200.00				
			579.90	379.90	200.00				
07425-1000	MARYDELL	PUMP STATION - ENGINEER			0.00				
	1301 CD	35695	5,493.75			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/9/12 MARYDELL
			5,493.75	0.00	5,493.75				
	1302	36119	5,988.75			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 MARYDELL PS
			5,988.75	0.00	11,482.50				

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GL Transaction Details

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Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
			11,482.50	0.00	11,482.50				
07426-1000					0.00				
	1301	35695	2,047.12			01/15/13	2156		1052 PENNONI ASSOCIATES INC. SERV.THRU 12/9/12 HERSHEY MILL
		35783	250.00			01/18/13	2157		263 CHESTER COUNTY CONSERVATION DISTRICT PERMIT FEE - HERSHEY MILL DAM
			2,297.12	0.00	2,297.12				
	1302	36119	2,600.00			02/12/13	2160		2911 EARTHCORE SERVICES LLC MOBILIZATION ATV RIG-HMPS DIVERS
			2,932.62			02/12/13	2162		1052 PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 HERSHEY MILL
		***	5,532.62	0.00	***				
			5,532.62	0.00	7,829.74				
			7,829.74	0.00	7,829.74				
07427-1000					0.00				
	1301	35695	2,047.13			01/15/13	2156		1052 PENNONI ASSOCIATES INC. SERV.THRU 12/9/12 RESERVE PS
			2,047.13	0.00	2,047.13				
	1302	36119	2,932.63			02/12/13	2162		1052 PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 RESERVE PS
			1,000.00			02/12/13	2163		3027 SCHRODER, JOHN SEWER RIGHT OF WAY
			1,000.00			02/12/13	2164		3029 WILLOW POND HOMEOWNERS ASSOCIATION SEWER RIGHT OF WAY
		***	4,932.63	0.00	***				
			4,932.63	0.00	6,979.76				
			6,979.76	0.00	6,979.76				
Beg Bal		0.00	41,576.67	34,926.36	6650.31				