

EAST GOSHEN MUNICIPAL AUTHORITY

October 10, 2011

Monday, 7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE

- a. Ask if anyone will be taping the meeting?

2. RIDLEY CREEK REPORTS

- a. Pennoni Engineer's Report
b. Cost Summary Report

3. RIDLEY CREEK INVOICES

- a. Pennoni #000 \$ 0.0

4. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS

5. APPROVAL OF MINUTES

- a. September 12, 2011

6. APPROVAL OF INVOICES

- a. Pennoni #483697 \$ 687.50
b. Pennoni #483698 \$ 727.50
c. Pennoni #483699 \$ 12,303.22

7. LIAISON REPORTS

8. FINANCIAL REPORTS

- a. September Report

9. OLD BUSINESS

10. GOALS

- a. 2011 Goals

11. NEW BUSINESS-

- a. Authorize Execution of Edward and Eileen Solarz, Right-of-way Agreement.
b. Authorize Execution of East Goshen Municipal Authority Right-of-way Agreement.
c. Budget Increase Request for Annual Services
d. Consider Proposal for Engineering for Mary-Dell Pump Station

12. CAPACITY REQUESTS - none

13. SEWER REPORTS

- a. Director of Public Works Report
b. East Goshen Township Flows for September 2011

14. ANY OTHER MATTER

15. CORRESPONDENCE AND REPORTS OF INTEREST

16. PUBLIC COMMENT

17. ADJOURNMENT

18. EXECUTIVE SESSION – LEGAL
none

19. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Delivery date

November 9, 2011- Dana

January 1, 2012



MEMORANDUM

TO: East Goshen Municipal Authority Board
Rick Smith, Township Manager

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: October 5, 2011

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- A breakdown of the fees credited to the Authority for work completed by Pennoni over the past several past months is provided under separate cover.
- We will assist with any remaining troubleshooting and operations assistance as requested.

I/I Metering Project

- The Township continues to meter flows at selected locations. Meters are in operation in at locations as recommended. Pennoni will review permanent meter data, make recommendations for future temporary meters, and identify potential I&I problem areas.

Ridley Creek Consent Order

- The last report for the year was completed and sent to DEP in advance of the September 30 deadline.

LCSTP Elimination

- Design plans were submitted to the Chester County Conservation District on September 6. CCCD will forward the application to DEP following their review and approval.
- The Plant Closure Plan was submitted to DEP on September 28.

Hershey Mill PS Diversion, Reserve PS Elimination Planning

- Both pump stations will be decommissioned and sewage diverted into the East Goshen Ridley Creek gravity sewer system.
- Field recon was started to verify manhole locations and existing infrastructure.
- The surveying task list was generated and boundary research is in progress.

Marydell PS Elimination Planning

- Resolutions were adopted and the Planning Module is ready to send to DEP. Pennoni addressed general DEP comments received on the Lockwood Chase submission in this planning module. DEP has 120 days for review and comment. A proposal for design and permitting of the diversion is provided under separate cover.

Applebrook Spray Irrigation NPDES Permit Renewal

- The NPDES discharge permit was submitted to DEP on June 15. DEP sent a letter confirming that the application is administratively complete and is undergoing technical review.

Chapter 94 Reports

- DEP provided comments on the Ridley Creek Chapter, Westtown, West Goshen Chapter 94 Reports. No comments have been received on the Lockwood Chase report. No action is required for the Ridley Creek and Westtown reports. Mark Miller is responding to the date request comments received on the Westtown report. Response to the comments is due on October 16.

FY1

**EAST GOSHEN MUNICIPAL AUTHORITY
RIDLEY CREEK EXPANSION PROJECT
SUMMARY**

September 14, 2011

Includes bills paid at 9/14/11 meetings

Name	Budget or Contract amt.	This Month	To Date	Balance on Budget or Contract	% of work completed
RECEIPTS					
Bond	\$9,500,000.00		\$9,500,000.00		
Pennoni (rechargeable)	\$0.00		\$0.00		
Grant	\$464,195.00		\$464,195.00		
Contribution Worth & Pennoni	\$13,000.00		\$0.00	Each will contribute \$6,500	
Insurance Refund for TVSS	\$15,059.00		\$15,059.00		
RECEIPTS TOTAL	\$9,992,254.00		\$9,979,254.00		
EXPENSES					
Borrowing costs	\$52,250.00		\$52,250.00	\$0.00	100.00%
Worth	\$7,865,400.00	\$25,323.91	\$7,895,659.91	-\$30,259.91	100.38%
change orders (included in the above)	\$30,289.91	↑	\$0.00	\$30,289.91	0.00%
Clinger	\$974,000.00	↑	\$1,007,313.24	-\$33,313.24	103.42%
change orders (included in the above)	\$33,313.24		\$0.00	\$33,313.24	0.00%
TVSS Units	\$16,059.00		\$16,059.00	\$0.00	100.00%
Settlement	\$212,500.00		\$212,500.00	\$0.00	100.00%
Pennoni (Inspection) (05)	\$136,200.00		\$136,197.62	\$2.38	100.00%
Pennoni (Continued Services) (10)	\$208,795.00		\$208,778.97	\$16.03	99.99%
Pennoni (Precast) (11)	\$1,222.50	\$5,800.00	\$7,022.50	-\$5,800.00	574.44%
Pennoni (EC Response) (50) New	\$11,362.50		\$11,362.50	\$0.00	100.00%
Pennoni (Rechargeable) (06)	\$20,000.00		\$19,997.18	\$2.82	99.99%
Brickhouse	\$175,000.00	\$12,765.00	\$257,730.25	-\$82,730.25	147.27%
Extras					
Capital	\$217,361.85	\$5,110.00	\$186,443.21	\$30,918.64	85.78%
Capital (Identified but not paid)	\$26,500.00	\$0.00	\$0.00	\$26,500.00	0.00%
Trailer, Phone, Porta Pot & Internet	\$12,000.00	\$0.00	\$11,825.18	\$174.82	98.54%
EXPENSES TOTAL	\$9,992,254.00	\$48,998.91	\$10,023,139.56	-\$30,885.56	100.31%

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 DETAIL
 September 14, 2011

Worth	Date	Amount	Subtotals	Name	Description
	2/19/2009	\$561,150.00		Worth & Company	Application #1
	3/9/2009	\$480,825.00		Worth & Company	Application #2
	4/9/2009	\$768,780.00		Worth & Company	Application #3
	5/18/2009	\$125,352.90		Worth & Company	Application #4
	5/31/2009	\$485,103.12		Worth & Company	Application #5
	6/30/2009	\$267,975.00		Worth & Company	Application #6
	7/31/2009	\$138,217.50		Worth & Company	Application #7
	8/31/2009	\$679,793.40		Worth & Company	Application #8
	9/30/2009	\$504,310.96		Worth & Company	Application #9
	9/30/2009	\$222,861.55		Worth & Company	Application #10 (5% retainage)
	10/31/2009	\$724,089.05		Worth & Company	Application #11
	11/30/2009	\$379,360.17		Worth & Company	Application #12
	12/31/2009	\$374,772.62		Worth & Company	Application #13
	1/31/2010	\$207,881.86		Worth & Company	Application #14
	2/28/2010	\$69,077.35		Worth & Company	Application #15
	3/31/2010	\$75,857.50		Worth & Company	Application #16
	4/30/2010	\$170,263.75		Worth & Company	Application #17
	5/31/2010	\$178,290.62		Worth & Company	Application #18
	6/30/2010	\$299,633.25		Worth & Company	Application #19
	7/30/2010	\$426,170.00		Worth & Company	Application #20
	8/31/2010	\$227,050.00		Worth & Company	Application #21
	9/30/2010	\$54,520.50		Worth & Company	Application #22
	10/31/2010	\$224,000.00		Worth & Company	Application #23
	11/30/2011	\$125,000.00		Worth & Company	Application #24
	5/20/2011	\$100,000.00		Worth & Company	Application #25
	9/13/2011	\$25,323.79		Worth & Company	Application #25 Final
		\$7,895,659.91	\$7,895,659.91		

Clinger	Date	Amount	Subtotals	Name	Description
	4/9/2009	\$22,152.64		Clinger	Application #1
	5/8/2009	\$15,714.77		Clinger	Application #2
	5/31/2009	\$77,973.43		Clinger	Application #3
	6/30/2009	\$12,567.46		Clinger	Application #4
	8/30/2009	\$10,855.98		Clinger	Application #5
	9/30/2009	\$111,255.75		Clinger	Application #6
	10/31/2009	\$59,344.83		Clinger	Application #7
	11/30/2009	\$145,354.05		Clinger	Application #8
	12/31/2009	\$94,727.00		Clinger	Application #9
	1/31/2010	\$139,092.94		Clinger	Application #10
	2/28/2010	\$58,514.64		Clinger	Application #11

Date	Amount	Subtotals	Name	Description
2/28/2010	\$41,530.78		Clinger	Application #12 (5% retainage)
	\$13,575.79		Clinger	Application #13
5/2/2010	\$34,539.38		Clinger	Application # 14
6/30/2010	\$40,633.52		Clinger	Application #15
8/1/2010	\$42,347.24		Clinger	Application # 16
8/31/2010	\$30,597.44		Clinger	Application #17
5/12/2011	\$15,059.00		Clinger	TVSS units CO 5
8/8/2011	\$56,535.60		Clinger	Application #18 Final
	\$1,023,372.24	\$1,023,372.24	Clinger	Settlement
	\$212,500.00			
Pennoni Inspection 05				
	\$712.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU ?
10/30/2008	\$943.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 10/19/08
12/5/2008	\$18,115.98		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 11/30/08
1/15/2009	\$12,929.00		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 12/28/08
2/5/2009	\$13,352.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 1/25/09
3/19/2009	\$31,288.00		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 3/1/09
4/8/2009	\$29,010.46		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 3/29/09
5/6/2009	\$22,436.46		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 4/26/09
6/26/2009	\$7,409.22		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 5/31/2009
	\$136,197.62	\$136,197.62		
Pennoni Continued Services 10				
12/30/2009	\$16,482.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 12/31/09
1/29/2010	\$24,224.58		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 1/17/10
2/23/2010	\$13,057.00		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ.SERV. THRU 2/14/10
4/1/2010	\$19,543.40		PENNONI ASSOCIATES INC.	Through 4/18/2010
5/5/2010	\$18,810.50		PENNONI ASSOCIATES INC.	Through 5/16/2010
5/25/2010	\$19,287.50		PENNONI ASSOCIATES INC.	Through 6/20/10
6/29/2010	\$17,901.25		PENNONI ASSOCIATES INC.	Through 7/18/2010
7/29/2010	\$17,302.63		PENNONI ASSOCIATES INC.	Through 8/15/2010
8/26/2010	\$12,393.25		PENNONI ASSOCIATES INC.	Through 9/19/2010
9/29/2010	\$12,521.81		PENNONI ASSOCIATES INC.	Through 10/17/2010
10/27/2010	\$12,326.15		PENNONI ASSOCIATES INC.	Through 11/7/2010
11/29/2010	\$4,097.75		PENNONI ASSOCIATES INC.	thru 12/12/10
12/22/2010	\$8,722.35		PENNONI ASSOCIATES INC.	Thru 1/16/11
2/3/2011	\$3,615.50		PENNONI ASSOCIATES INC.	Thru 2/13
3/2/2011	\$3,127.00		PENNONI ASSOCIATES INC.	Thru 4/17
4/29/2011	\$4,188.30		PENNONI ASSOCIATES INC.	Thru 5/15
5/31/2011	\$1,177.50		PENNONI ASSOCIATES INC.	
	\$208,778.97	\$208,778.97		
Pennoni Inspection (Precast) 11				
7/11/2011	\$847.50		PENNONI ASSOCIATES INC.	Thru 6/19
7/28/2011	\$375.00		PENNONI ASSOCIATES INC.	Thru 7/17
????	\$5,800.00		Pennoni thru September MA meeting Final	
	\$7,022.50	\$7,022.50		
Pennoni (EC Response) (50)				
2/3/2011	\$6,380.00		PENNONI ASSOCIATES INC.	Thru 1/16/11
3/2/2011	\$3,610.00		PENNONI ASSOCIATES INC.	Thru 2/13/11
4/29/2011	\$1,372.50		PENNONI ASSOCIATES INC.	thru 4/17
	\$11,362.50	\$11,362.50		
Pennoni Rechargeable 06				

Date	Amount	Subtotals	Name	Description
2/5/2009	\$2,840.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 1/25/09
3/19/2009	\$4,994.75		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 3/1/09
4/8/2009	\$3,777.00		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 3/29/09
5/6/2009	\$1,409.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 4/26/09
6/26/2009	\$3,507.43		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 5/31/09
7/29/2009	\$3,528.00		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 7/19/09
	<u>\$19,997.18</u>	<u>\$19,997.18</u>		
Brickhouse				
5/12/2009	\$2,127.50		BRICKHOUSE	Apr-09
6/1/2009	\$8,452.50		BRICKHOUSE	May-09
7/1/2009	\$7,791.25		BRICKHOUSE	Jun-09
8/3/2009	\$9,315.00		BRICKHOUSE	Jul-09
9/1/2009	\$7,762.50		BRICKHOUSE	Aug-09
10/1/2009	\$7,417.50		BRICKHOUSE	Sep-09
11/2/2009	\$7,072.50		BRICKHOUSE	Oct-09
12/1/2009	\$7,963.75		BRICKHOUSE	Nov-09
1/4/2010	\$7,762.50		BRICKHOUSE	Dec-09
2/1/2010	\$7,618.75		BRICKHOUSE	Jan-10
3/1/2010	\$7,417.50		BRICKHOUSE	Feb-10
4/1/2010	\$10,005.00		BRICKHOUSE	Mar-10
5/3/2010	\$11,931.25		BRICKHOUSE	Apr-10
6/1/2010	\$10,321.25		BRICKHOUSE	May-10
7/1/2010	\$11,845.00		BRICKHOUSE	Jun-10
8/2/2010	\$14,911.25		BRICKHOUSE	Jul-10
9/1/2010	\$14,087.50		BRICKHOUSE	Aug-10
10/1/2010	\$10,695.00		BRICKHOUSE	Sep-10
10/1/2010	\$6,785.00		BRICKHOUSE	Clinger Matter
11/1/2010	\$8,826.25		BRICKHOUSE	Clinger Matter
11/1/2010	\$571.50		BRICKHOUSE	Clinger Matter
12/1/2010	\$9,947.50		BRICKHOUSE	Nov-10
1/3/2011	\$15,640.00		BRICKHOUSE	Dec-10
2/1/2011	\$11,241.25		BRICKHOUSE	11-Jan
3/1/2011	\$6,670.00		BRICKHOUSE	Feb-11
4/1/2011	\$5,750.00		BRICKHOUSE	Mar-11
5/2/2011	\$4,686.25		BRICKHOUSE	Apr-11
6/1/2011	\$10,810.00		BRICKHOUSE	May-11
7/1/2011	\$5,520.00		BRICKHOUSE	Jun-11
8/1/2011	\$6,785.00		BRICKHOUSE	Jul-11
9/1/2011	\$12,765.00		BRICKHOUSE	August and to Sept MA mtg. - Final invoice
	<u>\$270,495.25</u>	<u>\$270,495.25</u>		

Extras - Capital - Paid				
12/22/2008	\$44.98		EAST GOSHEN TOWNSHIP	REIMBURSE GEN.FUND FOR OFFICE DEPOT
12/31/2008	\$88.00		FASTSIGNS	RED ON WHITE ALUM. SIGNS
1/12/2009	\$177.00		FASTSIGNS	SIGNS - PLEASE AVOID TOWNE DR....
12/1/2008	\$36.00		GREAT VALLEY LOCKSHOP	KEYS FOR CONTRACTOR
12/8/2008	\$160.80		GREAT VALLEY LOCKSHOP	PADLOCKS, REKEY CYLINDERS & KEYS
12/29/2008	\$474.82		HANSON AGGREGATES INC	36.95 TONS SUBBASE AGGREGATE
12/31/2008	\$908.00		HANSON AGGREGATES INC	70.66 TONS SUBGRADE 2 AGGREGATE
12/15/2008	\$2,089.39		LENNI ELECTRIC CORPORA	TEMP SERV. FOR TRAILER - RIDLEY CRK
12/31/2008	\$120.00		LENNI ELECTRIC CORPORA	SEWER PLANT - GUY WIRE RELOCATE
12/29/2008	\$7,865.00		MACANGA INC.	TRUCK & TRACKHOE RENTAL 12/5-12/18
12/1/2008	\$2,466.00		PATTERSON, MICHAEL J.	MATERIALS & LABOR - SPLIT RAIL FENCE
12/1/2008	\$4,907.72		PIPE XPRESS INC.	COPPER TUBING, BRASS COMP. COUPLING
12/15/2008	\$813.74		PIPE XPRESS INC.	BURIAL HYDRANT, BRASS CURB STOP, &

Date	Amount	Subtotals	Name	Description
12/29/2008	\$1,293.00		RAM-T CORPORATION	2 FT. SILT FENCE
12/1/2008	\$1,183.00		RANSOME RENTAL COMPAN	CATERPILLAR - TRUCK LOADER RENTAL
12/8/2008	\$3,960.00		RANSOME RENTAL COMPAN	CATERPILLAR RENTAL 11/13-11/25/08
12/29/2008	\$908.00		RANSOME RENTAL COMPAN	CATERPILLAR RENTAL 12/15 - 12/18/08
12/31/2008	\$1,044.85		RANSOME RENTAL COMPAN	CATERPILLAR RENTAL 12/15-12/16/08
12/8/2008	\$119.95		SAFETY SOLUTIONS INC.	MEDICAL SUPPLIES
12/1/2008	\$635.60		US MUNICIPAL SUPPLY INC.	CUSTOM SIGNS -RIDLEY CREEK TREATMT
12/31/2008	\$157.50		GAWTHROP GREENWOOD	LEGAL
1/31/2009	\$936.50		GAWTHROP GREENWOOD	LEGAL
3/19/2009	\$1,246.64		HAMMOND & MCCMLOSY	WATER SERVICE
3/31/2009	\$1,254.00		GAWTHROP GREENWOOD	LEGAL
4/2/2009	\$274.21		PIPE XPRESS INC.	YARD HYDRANT #2
4/2/2009	\$1,910.28		HAMMOND & MCCMLOSY	WATER PIPING
5/11/2009	\$158.69		US MUNICIPAL SUPPLY INC.	3 SIGNS
4/30/2009	\$264.86		LENNI ELECTRIC CORPORA	WIRED HOT WATER HEATER
5/31/2009	\$133.00		GAWTHROP GREENWOOD	LEGAL
6/30/2009	\$304.00		GAWTHROP GREENWOOD	LEGAL
7/17/2009	\$1,481.00		EAST GOSHEN TOWNSHIP	BLOWER MOTOR (REPAIRED AND KEPT AS A SPARE)
9/10/2009	\$254.85		AGWAY	TREE STAKES AND PEAT MOSS
8/25/2009	\$1,655.00		HARMONY HILL NURSERIES	16 TREES
8/31/2009	\$636.00		GAWTHROP GREENWOOD	2 MONTH LEGAL
11/19/2009	\$314.00		VIMCO	SEALER FOR FLOORS
10/31/2009	\$265.00		GAWTHROP GREENWOOD	LEGAL
12/31/2010	\$1,414.97		L/B water	YARD HYDRANT #2
12/18/2009	\$443.48		Grainger	Hose Reel 1 inch
12/18/2009	\$267.98		Grainger	Hose Reel 3/4 inch
2/2/2010	\$789.45		Fisher Scientific	Lab Equipment
2/28/2010	\$57.00		GAWTHROP GREENWOOD	LEGAL
3/15/2010	\$103.96		Matthews Ford	Van rental
3/31/2010	\$275.50		Grainger	Hose
3/31/2010	\$247.00		GAWTHROP GREENWOOD	LEGAL
4/7/2010	\$70.15		GREAT VALLEY LOCKSHOP	6 locks
4/14/2010	\$641.98		Grainger	Shelving
4/15/2010	\$1,127.48		Continetal Fire & Safety	3" & 1.75" Hose
4/16/2010	\$28.56		Grainger	Phone
3/17/2010	\$1,092.01		Water Pollution Biology	Michael Gerardi - Talk
2/22/2010	\$1,104.50		McNichols	Safety Grating
5/5/2010	\$1,078.38		HAMMOND & MCCMLOSY	WATER LINE OFFICE
5/5/2010	\$270.10		HAMMOND & MCCMLOSY	Hose fitting in storage room
5/3/2010	\$2,328.17		Fisher Scientific	DESICCATOR & OVEN
5/12/2010	\$1,485.63		Fisher Scientific	FURNACE
5/21/2010	\$456.81		USA Blue book	beakers
4/29/2010	\$258.00		Marco	3-10Lb dry Chem FX
5/9/2010	\$142.47		Staples	office equipment
5/31/2010	\$1,862.00		GAWTHROP GREENWOOD	Legal
5/15/2010	\$39,937.70		Aqua Wastewater Mgt	Sludge from DAVCO
6/30/2010	\$126.63		PIPE XPRESS INC.	pipe
6/15/2010	\$204.40		GREAT VALLEY LOCKSHOP	locks
6/8/2010	\$150.00		O'Rourke and Sons	Bend counter tops
6/29/2010	\$615.00		PENNONI	Soda Ash
7/20/2010	\$99.99		Office Depot	Printer
7/16/2010	\$50.39		Office Depot	Printer cartridge
7/27/2010	\$649.00		Newtown Office Supply	Desk
7/31/2010	\$589.00		GAWTHROP GREENWOOD	Legal
6/29/2010	\$193.93		Fastenal	Chain
6/29/2010	\$1,019.00		LENNI ELECTRIC CORPORA	Lights

Date	Amount	Subtotals	Name	Description
7/12/2010	\$328.70		HAMMOND & MCCMLOSY	sink
7/15/2010	\$154.23		Hach	cable
7/16/2010	\$347.26		Hach	Combo
8/8/2010	\$1,599.97		Northern	Air Compressor
8/31/2010	\$1,310.00		GAWTHROP GREENWOOD	LEGAL
8/3/2010	\$43.27		Office Depot	White board
8/3/2010	\$37.08		Office Depot	White board
8/31/2010	\$2,623.51		PIPE XPRESS INC.	pipe
9/1/2010	\$465.02		PIPE XPRESS INC.	pipe
8/25/2010	\$357.50		Main Line Concrete	Concrete
9/30/2010	\$1,242.50		GAWTHROP GREENWOOD	LEGAL
10/7/2010	\$665.00		O'Rourke and Sons	AC stand
10/18/2010	\$2,531.00		Biosenski	Dumpster
10/13/2010	\$2,073.90		Power Pro	pallet credit
10/5/2010	(\$105.00)		Power Pro	block and pallet charge
10/27/2010	\$17.50		Power Pro	Re-bar
10/18/2010	\$577.93		Martin Limestone	Stone
10/18/2010	\$296.35		Martin Limestone	Stone
10/18/2010	\$299.83		Martin Limestone	Stone
10/20/2010	\$270.75		VIMCO	concrete products
10/20/2010	\$608.00		RANSOME RENTAL COMPAN	Cat rental
10/25/2010	\$1,984.00		RANSOME RENTAL COMPAN	Rental
10/5/2010	\$571.88		Yerkes	PL Survey
10/23/2010	\$212.40		Granger	Door Parts
9/20/2010	\$86.32		Yale Electric	Parts
9/21/2010	\$114.76		Yale Electric	Parts
9/17/2010	\$450.00		Steven Bahalka	Wall Sign
9/7/2010	\$4,190.00		M&S Service	Alarm system
9/10/2010	\$851.22		HAMMOND & MCCMLOSY	HW heater
8/25/2010	\$337.50		Main Line Concrete	side walks
9/1/2010	\$465.02		PIPE XPRESS INC.	Roof Drains
9/7/2010	\$86.25		PIPE XPRESS INC.	Water supply
9/14/2010	\$388.60		EAST GOSHEN TOWNSHIP	Reimburse GF for Gutter Parts
11/18/2010	\$2,474.04		Fastenal	SS chain for lifting pumps
11/30/2011	\$171.00		GAWTHROP GREENWOOD	Legal Clinger
11/30/2011	\$720.00		GAWTHROP GREENWOOD	Legal
10/27/2010	\$17.50		Power Pro	Re bar
10/18/2010	\$1,464.80		Silvi	Concrete (3 invoices)
11/2/2010	\$1,125.21		Reilly and Sons	Fuel
1/31/2011	\$2,592.50		GAWTHROP GREENWOOD	Legal
1/31/2011	\$171.00		GAWTHROP GREENWOOD	Legal
12/22/2011	\$655.00		EnQuip	Filter
1/17/2011	\$2,031.00		Faddis Concrete	concrete bollards
12/22/2011	\$2,598.00		RANSOME RENTAL COMPAN	Restoration of parking area
2/28/2011	\$32.94		UPS Store	Ship DO probe
2/28/2011	\$385.00		GAWTHROP GREENWOOD	Legal
11/5/2011	\$1,828.36		Highway	Blacktop
11/5/2011	\$1,841.53		Highway	Blacktop

Date	Amount	Subtotals	Name	Description
11/18/2011	\$260.42		Highway	Blacktop
11/18/2010	\$1,147.06		Highway	Blacktop
11/5/2010	\$3,136.40		Independence	Blacktop
11/5/2011	\$4,202.99		Independence	Blacktop
4/30/2010	\$3,628.97		Glasgow	Blacktop
3/31/2011	\$442.07		GAWTHROP GREENWOOD	Legal
4/7/2011	\$708.00		RANSOME RENTAL COMPAN	Restoration of parking area
4/11/2011	\$423.00		RANSOME RENTAL COMPAN	Restoration of parking area
4/18/2011	\$370.00		Fisher & Son	Restoration of parking area
4/30/2011	\$1,184.69		LENNI ELECTRIC CORPORA	Weel pump
5/31/2011	\$1,747.50		PENNONI	Special meeting
5/20/2011	\$6,169.22		Aqua Wastwater Mgt	Clean SBR 2
4/30/2011	\$105.00		GAWTHROP GREENWOOD	Legal
4/21/2011	\$3,450.00		HAMMOND & MCCMLOSY	Well Pump
5/17/2011	\$1,004.67		HAMMOND & MCCMLOSY	Well Pump
6/23/2011	\$2,839.39		Ryerson	Stainless steel pipe for hoists
7/10/2011	\$1,968.46		Grainger	SS Cable for hoists
5/20/2011	\$6,169.22		Aqua Wastwater Mgt	Pump SBR 2
6/30/2011	\$455.00		GAWTHROP GREENWOOD	Legal
7/31/2011	\$2,070.00		GAWTHROP GREENWOOD	Legal
8/2/2011	\$2,390.00		ADROPTIONS	Mediation
8/31/2011	\$5,110.00		GAWTHROP GREENWOOD	Legal Final
Total	\$186,443.21	\$186,443.21		

Extras - Capital - Identified capital extras that have not been paid

Completed	\$0.00		Completed	Driveway Restoration
Completed	\$0.00		Completed	Restoration of parking area
	\$20,000.00			Paving at RCSTP (we received a credit from Worth)
	\$6,500.00			Audit
	\$26,500.00	\$26,500.00		

Trailer, Phone, Porta Potty & Internet

12/15/2008	\$1,039.10		ACTON MOBILE INDUSTRIES	RENTAL MOBILE OFFICE
12/22/2008	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL - THRU 1/19/09
1/21/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL - 1/20-2/20/09
2/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL - 2/20-3/20/09
3/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL - 3/20-4/19
4/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL - 4/20-5/19
5/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL 5-20 - 6/19
6/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	MOBILE OFFICE RENTAL 6/20 - 7/19
7/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	7/20 to 8/19
8/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	8/20/ to
9/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	
10/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	thru 11/19
11/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	thru 12/19
12/10/2009	\$239.10		ACTON MOBILE INDUSTRIES	Thru 1/19
1/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 2/19/10
2/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 3/19/10
3/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 4/19
4/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 5/19
5/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 6/19
6/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 7/19
7/10/2010	\$239.10		ACTON MOBILE INDUSTRIES	Thru 8/19
9/20/2010	\$305.00		ACTON MOBILE INDUSTRIES	Removal
	\$5,126.10	\$6,126.10		

Date	Amount	Subtotals	Name	Description
12/15/2008	\$140.00		POTTY QUEEN	RENTAL PORTABLE TOILET - RIDLEY CRK
12/22/2008	\$64.47		POTTY QUEEN	RENTAL TOILET 12/23-1/10/08
2/8/2009	\$95.00		POTTY QUEEN	RENTAL TOILET 2/8-3/7
3/8/2009	\$95.00		POTTY QUEEN	RENTAL TOILET 3/8-4/4
4/5/2009	\$95.00		POTTY QUEEN	RENTAL TOILET 4/5-5/2
5/5/2009	\$95.00		POTTY QUEEN	RENTAL TOILET ????
7/26/2009	\$95.00		POTTY QUEEN	RENTAL 7/26 TO 8/22
8/23/2009	\$95.00		POTTY QUEEN	Rental 8/23 to 9/19
9/20/2009	\$95.00		POTTY QUEEN	RENTAL 9/20 to 10/17
10/18/2009	\$95.00		POTTY QUEEN	10/18/09 to 11/14/09
11/14/2009	\$95.00		POTTY QUEEN	11/14 to 12/13
12/13/2009	\$95.00		POTTY QUEEN	12/13 to 1/9/10
1/10/2010	\$95.00		POTTY QUEEN	1/10/10 to 2/6/10
2/7/2010	\$95.00		POTTY QUEEN	2/7/10 to 3/6/10
3/7/2010	\$95.00		POTTY QUEEN	3/7 to 4/3
4/4/2010	\$95.00		POTTY QUEEN	4/4 to 5/1
5/2/2010	\$98.80		POTTY QUEEN	5/2 to 5/29
5/30/2010	\$96.90		POTTY QUEEN	5/30 to 6/26
6/30/2010	\$96.90		POTTY QUEEN	6/27 to 7/24
7/28/2010	\$96.90		POTTY QUEEN	7/25 to 8/21
	\$1,923.97	\$1,923.97		
12/22/2008	\$174.65		VERIZON -7041	NOVEMBER 25 - DECEMBER 6, 2008
1/7/2009	\$137.87		VERIZON -7041	BILLING DATE 1/07/09
2/7/2009	\$130.34		VERIZON -7041	BILLING DATE 2/07/09
3/7/2009	\$133.97		VERIZON -7041	BILLING DATE 3/7/09
4/7/2009	\$136.00		VERIZON -7041	BILLING DATE 4/7/09
5/7/2009	\$137.66		VERIZON -7041	BILLING DATE 5/7/09
6/7/2009	\$178.47		VERIZON -7041	BILLINGDATE 6/7/2009
7/7/2009	\$145.21		VERIZON -7041	Billing Date 7/7/09
8/7/2009	\$134.44		VERIZON -7041	Billing Date 8/7/09
9/7/2009	\$132.93		VERIZON -7041	Billing date 9/7/09
10/7/2009	\$133.43		VERIZON -7041	Billing date 10/7/09
11/7/2009	\$133.79		VERIZON -7041	Billing Date 11/7/09
12/7/2009	\$136.76		VERIZON -7041	Billing date 12/7/09
1/7/2010	\$135.11		VERIZON -7041	Billing date 1/7/10
2/7/2010	\$134.35		VERIZON -7041	Billing date 2/7/10
3/7/2010	\$134.34		VERIZON -7041	Billing date 3/7/10
4/7/2010	\$134.72		VERIZON -7041	Billing date 4/7/10
5/7/2010	\$136.37		VERIZON -7041	Billing date 5/7/10
6/7/2010	\$134.06		VERIZON -7041	Billing date 6/7/10
7/7/2010	\$134.18		VERIZON -7041	Billing date 7/7/10
	\$2,788.65	\$2,788.65		
8/31/2009	\$286.56		VERIZON	INTERNET (FIRST BILL)
9/28/2009	\$69.99		VERIZON	INTERNET
10/28/2009	\$69.99		VERIZON	INTERNET
11/28/2009	\$69.99		VERIZON	INTERNET
12/28/2009	\$69.99		VERIZON	INTERNET
1/28/2010	\$69.99		VERIZON	INTERNET
2/28/2010	\$69.99		VERIZON	INTERNET
3/28/2010	\$69.99		VERIZON	INTERNET
4/28/2010	\$69.99		VERIZON	INTERNET
5/28/2010	\$69.99		VERIZON	INTERNET
6/28/2010	\$69.99		VERIZON	INTERNET

Date	Amount	Subtotals	Name	Description
	\$986.46	\$986.46		
		\$11,825.18		
Trailer, Phone, Porta Potty & Internet Total				

**EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 POTENTIAL EXTRAS/RECEIPTS
 September 14, 2011**

Potential capital extras	
Pipe conduit Conflicts	
Controls	\$0
Sludge room retrofit	
HVAC Thermostats	\$0
Cathode Protection	\$10,000
Treatment Tanks	\$0
Electrician (increase in wages)	\$0
UV Channel	\$0
Total potential extras	\$10,000

Potential Receipts	
Total Potential Receipts	\$0

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 CHANGE ORDERS
 September 14, 2011

WORTH CO NO.	PCO NO.	AMOUNT	APPROVED	WORK	STATUS	PAID
1	1	\$3,209.70	2/24/09	BLOWER #1 REPAIR	APPROVED	YES
1	4	\$5,542.80	5/11/09	BLOWER #2 REPAIR	APPROVED	YES
1	?	\$4,617.08	???	BLOWER #3 REPAIR	APPROVED	YES
1	3	\$2,703.00	12/14/09	ANTI-FLOT COLLAR	APPROVED	YES
1	5	\$6,784.65	12/14/09	LARGER MIXER FOR FLOC TANK	APPROVED	YES
1	15	\$4,494.52	12/14/09	REMOVABLE RAILS ON SBR TANK	APPROVED	YES
2	17	\$6,126.78	3/8/10	BLOWER #4 REPAIR	APPROVED	YES
2		\$11,357.25	???	Concrete wall at UV Channel	APPROVED	YES
2	8	-\$6,250.00	3/8/10	CREDIT FOR CAST IRON PIPE	APPROVED	YES
1		-\$20,000.00	2/8/10	Credit for Electric Wages	APPROVED	YES
1	9	-\$50,000.00	2/8/10	Credit for paving	APPROVED	YES
3	19	\$27,702.20	5/20/10	air drops	APPROVED	YES
3	20	\$3,516.77	5/20/10	2 doors	APPROVED	YES
3	21	\$18,094.59	5/20/10	Paint DAVCO WALKWAYS	APPROVED	YES
3	22	-\$13,875.00	5/20/10	Credit for concrete	APPROVED	YES
4	24	\$5,932.27	6/14/10	Additional block for sludge building	APPROVED	YES
4	23	\$6,671.26	11/4/10	Centrifuge Platform	APPROVED	YES
4	25	\$3,050.21	11/4/10	Fence	APPROVED	YES
5	12	\$4,703.27	11/8/10	Steel beam in control bldg	APPROVED	YES
5	18	\$4,499.12	11/8/10	Control Joint Mod in Screen Bldg	APPROVED	YES
5	26	\$1,409.44	12/13/10	gate in fence	APPROVED	YES
Total		\$30,289.91				

CLINGER	CO NO.	AMOUNT	APPROVED	WORK	STATUS	PAID
	1	\$5,106.00	Denied	EXTEND 34 KV LINES	DENIED	
	2	\$23,585.00	7/1/09	CORNER UNIT FOR MCC	APPROVED	YES
	3	\$3,171.00	4/12/10	SERVICE DISCONNECT	APPROVED	YES
	4	\$1,451.24	3/23/10	Applebrook Pump	APPROVED	YES
		\$33,313.24		Cables for 2 chart recorders	APPROVED	YES
	5	\$16,059.00	1/10/11	Replace TVSS Units - filed with Ins. Co.	APPROVED	YES

Total

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK EXPANSION PROJECT
 PROJECTED FINAL COSTS

September 14, 2011

Name	Budget or Contract amt.	Paid to Date	Projected Final Cost	Final/Est.
EXPENSES				
Borrowing costs	\$52,250.00	\$52,250.00	\$52,250.00	Final
Worth change orders - included in the above	\$7,865,400.00	\$7,895,659.91	\$7,895,659.91	Final
Clinger change orders - included in the above	\$30,289.91	↑		
TVSS Units	\$974,000.00	\$1,007,313.24	\$1,007,313.24	Final
Settlement	\$33,313.24	↑		
Pennoni (Inspection) (05)	\$16,059.00	\$16,059.00	\$16,059.00	Final
Pennoni (Continued Services) (10)	\$212,500.00	\$212,500.00	\$212,500.00	Final
Pennoni (Precast) (11)	\$136,200.00	\$136,197.62	\$136,197.62	Final
Pennoni (EC Response) (50) (new)	\$206,320.00	\$208,778.97	\$208,778.97	Final
Pennoni (Rechargeable) (06)	\$1,222.50	\$7,022.50	\$7,022.50	Final
Brickhouse	\$9,990.00	\$11,362.50	\$11,362.50	Final
	\$20,000.00	\$19,997.18	\$19,997.18	Final
	\$175,000.00	\$270,495.00	\$270,495.00	Final
Extras				
Capital	\$224,361.85	\$186,443.21	\$186,443.21	Final
Capital (Identified but not paid)	\$26,500.00	\$0.00	\$26,500.00	Est
Trailer, Phone, Porta Pot & Internet	\$12,000.00	\$11,825.18	\$11,825.18	Final
SUB TOTAL	\$9,995,406.50	\$10,035,904.31	\$10,062,404.31	Est
Refund for TVSS Units	-\$15,059.00	-\$15,059.00	-\$15,059.00	Final
Contributions (Worth & Pennoni)	-\$13,000.00	\$0.00	-\$13,000.00	Est
EXPENSES TOTAL	\$9,967,347.50	\$10,020,845.31	\$10,034,345.31	Est

Project final cost vs. budget

Original Budget	\$9,500,000.00
Projected final cost	\$10,034,345.31
Over(Under)	\$534,345.31
Percentage	5.62%

Funds Left

Total funds available	\$9,992,254.00
Projected final cost	\$10,034,345.31
Funds left	-\$42,091.31



INVOICE
 Philadelphia, PA
 215-222-3000 Fax: 215-222-3588

Remit Payment To:
 Pennoni Associates Inc.
 P.O. Box 827328
 Philadelphia, PA 19182-7328

East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, PA 19380-6199
 Attention: Louis F. Smith, Twp Mgr.

Invoice # : 000
Invoice Date : 09/22/2011
Project : EGMA0707
Project Name : RCSTP Expansion

For Services Rendered through: 09/18/2011

Phase 10: Process Engineer and Electrical Designer on-site meetings with URS, Siemens, and Miller Env. Electrical punchlist tracking and updates, Electrical Design response to questions and issues related to electrical system, alarms, and controls. Review of electrical as-builts and closeout documents, review of revised Arc Flash/Short Circuit studies by Electrical Contractor, correspondence to Electrical Contractor related to project closeout.

Phase 50: Generate plan and spec set for mediation. Mediation preparation meeting with Client and Attorney. Review mediation statements and provide comments. Participation in mediation.

Phase Code / Name		Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 -- Permit Design	est.	\$111,400.00	\$111,385.00		\$111,385.00	\$0.00
02 -- Permitting	est.	\$14,200.00	\$14,184.00		\$14,184.00	\$0.00
03 -- Final Design	est.	\$226,700.00	\$226,655.50		\$226,655.50	\$0.00
04 -- Bidding	est.	\$14,500.00	\$14,446.50		\$14,446.50	\$0.00
05 -- Construction	est.	\$136,200.00	\$136,197.62		\$136,197.62	\$0.00
06 -- Additional Submittals	est.	\$20,000.00	\$19,997.18		\$19,997.18	\$0.00
10 -- Continued Construction Services	est.	\$208,795.00	\$211,174.46		\$214,340.11	\$3,165.65
11 -- Precast Inspection	est.	\$1,000.00	\$1,222.50		\$1,222.50	\$0.00
Total :		\$732,795.00	\$735,262.76		\$738,428.41	\$3,165.65

Phase : 10 -- Continued Construction Services

Labor Class	Hours/Units	Rate	Amount
Engineering Technician I	17.25	65.00	1,121.25
Labor Total:	17.25		\$1,121.25

Phase Subtotal **\$1,121.25**

Phase : 10 -- Continued Construction Services

Labor Class	Hours/Units	Rate	Amount
Senior Engineer	4.00	105.00	420.00
Project Engineer	9.00	90.00	810.00

Continued on next page...

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

...Continued from previous page

Phase : 10 -- Continued Construction Services

<u>Labor</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Class			
Associate Engineer	4.50	80.00	360.00
Technical Specialist	6.00	75.00	450.00
Labor Total:	23.50		\$2,040.00
<u>Expenses</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>
Description			
Tolls, Parking, & Other Travel			4.40
Expense Total:			\$4.40
Phase Subtotal			\$2,044.40

Phase : 50 -- EC Response

<u>Labor</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Class			
Project Engineer	4.00	90.00	360.00
Associate Engineer	10.50	80.00	840.00
Authority Engineer	15.00	110.00	1,650.00
Technical Specialist	16.50	75.00	1,237.50
Labor Total:	46.00		\$4,087.50
Phase Subtotal			\$4,087.50

Amount Due This Invoice

~~\$7,253.15~~
\$0 

OR RS

10-5-11

Continued on next page...

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

Rick Smith

From: Joe McCawley [joseph.mccawley@gmail.com]
Sent: Monday, October 03, 2011 5:19 PM
To: 'Barbato, Daniel'; rsmith@eastgoshen.org; mmiller@eastgoshen.org
Cc: 'Pennoni, David'; 'Moore, Ronald C.'
Subject: RE: Final RCSTP Invoice/Credit

Dan, Thank you on behalf of the board and the township!

Joe

Joseph McCawley
610.283.1400
Joseph.mccawley@gmail.com

From: Barbato, Daniel [<mailto:DBarbato@Pennoni.com>]
Sent: Monday, October 03, 2011 3:04 PM
To: rsmith@eastgoshen.org; mmiller@eastgoshen.org
Cc: Joseph McCawley; Pennoni, David; Moore, Ronald C.
Subject: Final RCSTP Invoice/Credit

Gentlemen,

Attached please find our final invoice for the Ridley Creek project. As agreed at the previous Authority meeting, we are crediting this invoice to apply toward the settlement for the project. This credit is slightly higher than the amount agreed upon, and we hope that this shows our continued dedication toward resolution of the matter.

The balance due for this invoice is \$0.00, and I hope that you will accept this credit as closure for Pennoni on this project.

We are grateful to have had the chance to design this plant for the Authority and to see it through to completion. We remain proud to be your Authority Engineer and hope to continue serving you for the years ahead.

If you have any questions or comments, please feel free to call me.

Dan

Daniel P. Barbato, PE
Pennoni Associates Inc.
Office 302-655-4451 | Direct 302-351-5230
Fax 302-654-2895 | Mobile 302-379-8240

Rick Smith

From: Rick Smith [rsmith@eastgoshen.org]
Sent: Tuesday, October 04, 2011 8:38 AM
To: 'Barbato, Daniel'; 'mmiller@eastgoshen.org'
Cc: 'Joseph McCawley'; 'Pennoni, David'; 'Moore, Ronald C.'
Subject: RE: Final RCSTP Invoice/Credit

Dan

On behalf of the Authority and Board of Supervisors I want to thank you. We appreciate the efforts you, Matt and the rest of the Pennoni team have put into this project.

Rick Smith, Township Manager
East Goshen Township
610-692-7171

From: Barbato, Daniel [<mailto:DBarbato@Pennoni.com>]
Sent: Monday, October 03, 2011 3:04 PM
To: rsmith@eastgoshen.org; mmiller@eastgoshen.org
Cc: Joseph McCawley; Pennoni, David; Moore, Ronald C.
Subject: Final RCSTP Invoice/Credit

Gentlemen,

Attached please find our final invoice for the Ridley Creek project. As agreed at the previous Authority meeting, we are crediting this invoice to apply toward the settlement for the project. This credit is slightly higher than the amount agreed upon, and we hope that this shows our continued dedication toward resolution of the matter. The balance due for this invoice is \$0.00, and I hope that you will accept this credit as closure for Pennoni on this project.

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If you have any questions or comments, please feel free to call me.

Dan

Daniel P. Barbato, PE
Pennoni Associates Inc.
Office 302-655-4451 | Direct 302-351-5230
Fax 302-654-2895 | Mobile 302-379-8240

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
September 12, 2011

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday September 12, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, and Kevin Cummings. Also in attendance were: Rick Smith, (Township Manager); Mark Miller, (Director of Public Works); Dan Barbato from Pennoni; Scott Towler from Brickhouse Environmental; William Ronyack (Miller Environmental); Bob Adams, (Authority Solicitor); and Walter Wujcik (Conservancy Board).

COMMON ACRONYMS:

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

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Joe McCawley called the meeting to order at 7:00 p.m. and led those present in the Pledge of Allegiance. There was a moment of silence to remember our Armed Forces. Joe asked if anyone would be taping the meeting. There was no response.

2. RIDLEY CREEK REPORTS

A. Brickhouse Report

Construction Close-Out

During the period of August through September 12, 2011 the RCSTP Upgrade and Expansion Project attained final close-out.

On August 8, 2011, a mediation hearing was conducted between Clinger Corporation and the Municipal Authority to resolve the outstanding claim of additional expenses for which Clinger Corporation claims compensation. There was no resolution to the matter on August 8th. However, continued discussions between the Municipal Authority and Clinger Corporation resulted in a settlement agreement executed and dated by both parties on August 22, 2011.

Clinger Corporation was confirmed as providing all documents as required for the final project close-out. The contract was closed and release of remaining contract retainage was issued on August 18, 2011.

Worth & Company continues to resolve identified equipment malfunctions considered as warranty items. During the month, the following issues were resolved:

- Exhaust fan for centrifuge sludge dewatering building
- Flocc tank mixer
- Centrifuge sludge dewatering polymer system controller "B" requires additional outputs.

- Alum feed pump MP-32 was confirmed to alternating from operating in automatic mode through the Siemens SBR control panel on several occasions. Correspondence of the malfunction has been reported to ICI and Watson Marlow with no resolution to date.

The Authority has proposed to address using the remaining minor punch list items listed below in exchange for Worth & Company to furnish and install a new influent flow magnetic meter that is watertight. The minor punch list items include:

- Top soil, final grading and seed are required around the sludge holding tanks.
- Touch up paint is required on sludge holding tank hand rails.
- Touch up paint on aeration tank piping on the sludge holding tanks.
- Screen building seam at cast-in-place concrete and block water requires water proofing on exterior of the building.
- Removal of the silt fence.

Per Jeff Bush cost of the flow meter is \$6,000 plus \$1,500 to install.

SBR Operations Status

At an onsite meeting on August 31, 2011 with Miller Environmental, Inc. (MEI), facility operation and maintenance provider, to review operation and maintenance of the treatment plant, the Authority provided MEI with log sheets and schedules for use in recording pertinent information related to equipment operation and monitoring the treatment process. In addition, MEI was requested to provide the Authority a sampling plan detailing how MEI will monitor the treatment process for total phosphorus removal to ensure compliance with the NPDES permit. This sampling and monitoring plan shall provide the Authority plan for which MEI will implement to optimize biological process and chemical usage for managing cost effective and efficient operation of the overall treatment process.

The wastewater treatment remains in compliance with the NPDES permit. The plant operator has included the use of magnesium hydroxide, as slurry, for use in maintaining the pH and alkalinity within the SBRs. Aluminum sulfate is presently added at a rate of 25% pump speed for a period of 10 minutes during the mix fill phase. The present consumption for 3 SBRs is approximately 11.8 gallons per cycle for 47.2 gallons per SBR (141.6 gallons per day). The SBR treatment process is functioning as the original design intended. The treatment cycle has been returned to a 6 hour with the appropriate influent loading rates. Mixed liquor suspended solids settleability within the SBRs has improved contributing to the overall effluent quality and excellent clarity.

During August 27th and 28th, RCSTP experienced considerable rainfall and influent wastewater flows resulting from hurricane Irene. A total of 6.92 inches of rainfall was recorded at the facility with the effluent flow display a maximum flow rate of 2,500 gpm (3.60 MGD) flowing through the effluent collection box for several hours. A summary of events is included as a separate attachment.

The 14-day SBR performance test and demonstration, summarized as a sampling event, has been postponed indefinitely.

The current NPDES permit expires on September 30, 2011. Dave Wolfinger, PA DEP, explained that the currently NPDES discharge permit has been administratively extended

1 through October. Calls to PADEP to allow the plant operator to demonstrate a minimum
2 of two consecutive months of compliance with the phosphorus discharge limits is being
3 pursued. Coordination of an inspection of the facility by PADEP prior to implementation
4 of new discharge limits is recommended.
5

6 The RCSTP Upgrade and Expansion Project construction activities and contracts are
7 complete. Final project close-out for Clinger Corporation and Worth & Company has
8 been provided by the Municipal Authority. The August/September 2011 Project
9 Manager's Report marks the conclusion of the project and Project Management
10 agreement with Brickhouse Environmental, Inc.
11 Jack thanked Scott for the good job he has done on this project.
12

13 **B. Pennoni** – Dan Barbato, reported the following:

14 RCSTP Upgrade and Expansion

- 15 • Construction phase services are complete.
- 16 • A breakdown of effort expended over the past month by Pennoni is provided with
17 the invoice detail under separate cover.
- 18 • Worth and Company and Clinger Corporation have completed their punch list with
19 the exception of a few warranty items.
- 20 • Pennoni participated in the mediation process for the Clinger Corporation claims.
21

22 I / I Metering Project

- 23 • The Township continues to meter flows at selected locations. Meters are in
24 operation at locations as recommended. Significant progress is being made to
25 reduce infiltration and inflow.
26

27 Ridley Creek Consent Order

- 28 • The next report is due by the end of this month. We have started compiling meter
29 data for the report.
30

31 LCSTP Elimination

- 32 • Samples of the sludge in both ponds show that the material is non-hazardous.
- 33 • Design plans were submitted to the Chester County Conservation District on
34 September 6th. CCCD will forward the application to DEP following their review
35 and approval.
- 36 • Required backfill quantities for both ponds were estimated. Lime Quantities for
37 soil stabilization were estimated.
38

39 Hershey Mill PS Diversion, Reserve PS Elimination Planning

- 40 • Both pump stations will be decommissioned and sewage diverted into the East
41 Goshen Ridley Creek gravity sewer system.
- 42 • Field recon was started to verify manhole locations and existing infrastructure.
- 43 • The surveying task list was generated and boundary research is in progress.
44

45 Marydell PS Elimination Planning

- 46 • The report for the Act 537 Plan Revision was submitted to the DEP in April. No
47 comments have been received from DEP at the time of this report.
- 48 • The required 60-day public notice for the project was posted on June 24. This
49 public notice period has expired. No public comments were received.

- Resolutions for adoption were provided to the Township Manager.
- West Goshen is expected to adopt resolutions on September 14th.
- Once the resolutions are received, we will send the final documents and report to DEP for review. DEP has 120 days for review.

Applebrook Spray Irrigation NPDES Permit Renewal

- The NPDES discharge permit was submitted to DEP on June 15. DEP sent a letter confirming that the application is administratively complete and is undergoing technical review.

Chapter 94 Reports

- DEP provided several comments on the Ridley creek Chapter 94 Report. Pennoni responded to the comments and we are awaiting confirmation from DEP that the response satisfies their inquiry.

C. Miller Environmental Report

Bill Ronyack reported the following for August 2011:

Routine Operation & Maintenance Activities

- Daily sampling, testing, and inspections for permit compliance
- Routine daily testing for process optimization
- Microscopic exams are good/filaments diminishing

Non-Routine Operations & Maintenance Activities

- Alarm responses dropping
- Flow signals being modified
- SBR Basins being inspected
- High flows led to basin splashing

Summary of Influent Flow – Ridley Creek to be mailed 9/9

- AVERAGE: mgd
- MAXIMUM: mgd

Summary of Lockwood Chase Flow

- Average mgd
- Maximum mgd

Permit Compliance

- Ridley had no eDMR exceedences
- Lockwood had no edmr exceedences

Bill introduced Rick who will be taking over for a while.

D. Cost Summary Report

Reviewed. It is not showing the anticipated \$13,000 in credits. Kevin would like a report showing the cost savings resulting from the closing of the 2 facilities.

E. Change Orders

None

1 **3. RCSTP INVOICES**

2 A. Brickhouse Environmental, \$12, 765.00. Kevin moved to approve this payment.
3 Fran seconded the motion. There was no further discussion. The motion passed
4 unanimously.
5

6 **4. CHAIRMAN'S REPORT**

7 A. Joe had a discussion with Clinger, who accepted \$212,500 along with a general
8 release. Worth and Pennoni both agreed to give \$6,500 each toward the Clinger
9 payment. Joe wants to send a letter of commendation to Worth.
10

11 **5. APPROVAL OF MINUTES**

12 A. Jack moved to approve the minutes of the August 8, 2011 regular meeting as
13 corrected. Kevin seconded the motion. The motion passed unanimously.
14 B. Fran moved to approve the minutes of the August 18, 2011 special meeting. Jack
15 seconded the motion. There was no further discussion. The motion passed unanimously.
16

17 **6. APPROVAL OF INVOICES**

18 A. Pennoni #480795, \$467.50. Jack moved to approve payment. Fran seconded the
19 motion. There was no further discussion. The motion passed unanimously.
20 B. Pennoni #480796, \$10,195.91. Kevin moved to approve payment. Jack seconded
21 the motion. There was no further discussion. The motion passed unanimously.
22 C. Pennoni #480797, \$2,624.50. Fran moved to approve payment. Kevin seconded the
23 motion. There was no further discussion. The motion passed unanimously.
24 D. Gawthrop, for mediation, \$5,110.00. Kevin approved payment pending Rick Smith's
25 review. Jack seconded the motion. There was no further discussion. The motion passed
26 unanimously.
27 E. Gawthrop, regular hours, \$1,190.70. Fran moved to approve payment. Jack
28 seconded the motion. There was no further discussion. The motion passed unanimously.
29

30 **7. LIAISON REPORTS**

31 A. Conservancy Board – Walter reported that they are working on a long term plan to
32 control invasives in Applebrook Park. The overflow from hurricane Irene did cause some
33 damage in Applebrook. The Board is working with a professor from West Chester
34 University on fertilization of the trees and plants in Applebrook Park.
35

36 **8. FINANCIAL REPORTS**

37 Financial reports were reviewed.
38

39 **9. OLD BUSINESS**

40 None
41

42 **10. GOALS**

43 No discussion.
44

45 **11. NEW BUSINESS**

46 A. Jack moved to approve the proposal to address using the remaining minor punch list
47 items listed below in exchange for Worth & Company to furnish and install a new
48 influent flow magnetic meter that is watertight. The minor punch list items include:
49

- Top soil, final grading and seed are required around the sludge holding tanks.
- Touch up paint is required on sludge holding tank hand rails.

50

- Touch up paint on aeration tank piping on the sludge holding tanks.
- Screen building seam at cast-in-place concrete and block water requires water proofing on exterior of the building.
- Removal of the silt fence.

Fran seconded the motion. There was no further discussion. The motion passed unanimously.

B. Kevin moved to release \$25,000 to Worth as final payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.

C. Dan will bring a proposal next month for Pennoni's annual services.

D. Mark would like to continue to use Scott Towler for operational questions. Rick explained that this would be an operating expense. Scott will provide a proposal with an hourly rate.

12. CAPACITY REQUESTS

None

13. SEWER REPORTS

Following is Mark Miller's report:

A. Meters – The meters are being read on a daily basis. The portable flow meters were read on a bi-weekly basis.

B. C.C. Collection – The Pumping stations were visited on a daily basis. All pumps were pulled and sent to Deckmens for repair as part of our routine maintenance. We had to replace the piping in the Hunt Country wet well; we also found a bad check valve which we had to replace. During hurricane Irene the Hershey Mill Pump Station was inundated when the water came over the dam and flooded the station. We had some high level alarms; however, none of the wet wells carried over. The DEP was notified via a carryover report.

C. Lockwood Plant – No problems to report.

D. R.C. Collection – No problems to report.

E. Ridley Plant – Wow, what a month! During hurricane Irene, 1.3 million went through the plant. During the storm, we had a couple bumps in the road; however, the effluent was in compliance. We had two carryovers on SBR 3 and 4. The DEP was notified via phone and a carryover report was filed. Scott Towler was on hand during the storm. He was able to make some process changes to keep the plant in operation.

F. Alarms – The alarm calls were off the charts for the month of August.

G. PA One Calls – The Public Works Dept. responded to 120 PA One Calls.

14. ANY OTHER MATTER

None

1 **15. CORRESPONDENCE**

2 None

3
4 **16. PUBLIC COMMENT**

5 A. Rick also commended Scott for all he did on this project.

6 B. Bob was pleased that we have a great plant because of Scott and Matt's involvement.

7
8 **17. ADJOURNMENT**

9 There being no further business, Jack moved to adjourn the meeting. Fran seconded the
10 motion. The motion passed unanimously. The meeting was adjourned at 8:00 p.m.

11
12 Respectfully submitted,

13
14
15 Ruth Kiefer, Recording Secretary
16



INVOICE
 Philadelphia, PA
 215-222-3000 Fax: 215-222-3588

Remit Payment To:
 Pennoni Associates Inc.
 P.O. Box 827328
 Philadelphia, PA 19182-7328

East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, PA 19380-6199
 Attention: Louis F. Smith, Twp Mgr.

Invoice #: 483697
 Invoice Date: 09/29/2011
 Project: EGMA1100
 Project Name: 2011 Annual Services

For Services Rendered through: 09/18/2011

September Authority meeting and monthly report.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	687.50
Expense :	0.00
Phase Total :	687.50
	<u>\$687.50</u>

Amount Due This Invoice

Fee :	10,710.00
Prior Billings :	10,022.50
Current Billings :	687.50
Total Billings :	10,710.00

Phase : **** -- Professional Services

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	6.25	110.00	687.50
Labor Total:	6.25		687.50

Total Phase : **** -- Professional Services

Labor :	\$687.50
Expense :	\$0.00

Total Project : EGMA1100 -- 2011 Annual Services

Labor :	\$687.50
Expense :	\$0.00

OK TFS 10/15/11

East Goshen Municipal Authority
EGMA1100 Invoice Summary.xlsx
Invoice Date 09-29-2011

Project: 2011 Annual Services
Pennoni Job No.: EGMA 1100
Invoice No: 483697
Invoice Period: 8/15/2011 to 9/18/2011
Initial Authorization: \$ 10,710.00 **Date:** 12/13/2010
Contract Amount: \$ 10,710.00
Previously Invoiced: \$ 10,022.50
Current Invoice: \$ 687.50
Invoiced to Date (\$): \$ 10,710.00
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Budget by Phase:
Phase No. ****
Phase Name: 2011 Annual Services
Phase Budget: \$ 10,710.00
Previously Invoiced: \$ 10,022.50
Current Invoice: \$ 687.50
Invoiced to Date (\$): \$ 10,710.00
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Comments: September Authority Meeting and monthly report.



INVOICE
 Philadelphia, PA
 215-222-3000 Fax: 215-222-3588

Remit Payment To:
 Pennoni Associates Inc.
 P.O. Box 827328
 Philadelphia, PA 19182-7328

East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, PA 19380-6199
 Attention: Louis F. Smith, Twp Mgr.

Invoice # : 483698
Invoice Date : 09/29/2011
Project : EGMA1102
Project Name : 2011 COA Reports

For Services Rendered through: 09/18/2011

Data review, update charts and tables.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor :	727.50
Expense :	0.00
Phase Total :	727.50

Amount Due This Invoice

Fee :	11,000.00
Prior Billings :	5,045.00
Current Billings :	727.50
Total Billings :	5,772.50

\$727.50

Phase : ** -- Professional Services**

<u>Labor Class</u>	<u>Hours/Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	0.50	110.00	55.00
Project Engineer	3.50	90.00	315.00
Engineering Technician I	5.50	65.00	357.50
Labor Total:	9.50		727.50

Total Phase : ** -- Professional Services**

Labor :	\$727.50
Expense :	\$0.00

Total Project : EGMA1102 -- 2011 COA Reports

Labor :	\$727.50
Expense :	\$0.00

*OK TRS
10/5/11*

East Goshen Municipal Authority
EGMA1102 Invoice Summary.xlsx
Invoice Date 9-29-2011

Project: 2011 COA Reports
Pennoni Job No.: EGMA 1102
Invoice No: 483698
Invoice Period: 8/15/2011 to 9/18/2011
Initial Authorization: \$ 11,000.00 **Date:** 12/13/2010
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ 5,045.00
Current Invoice: \$ 727.50
Invoiced to Date (\$): \$ 5,772.50
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 5,227.50
Remaining Budget (%): 48%

Budget by Phase:

Phase No. ****
2011 COA
Phase Name: Reports
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ 5,045.00
Current Invoice: \$ 727.50
Invoiced to Date (\$): \$ 5,772.50
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 5,227.50
Remaining Budget (%): 48%

Comments: Data review, update charts and tables.



INVOICE
 Philadelphia, PA
 215-222-3000 Fax: 215-222-3588

Remit Payment To:
 Pennoni Associates Inc.
 P.O. Box 827328
 Philadelphia, PA 19182-7328

East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, PA 19380-6199
 Attention: Louis F. Smith, Twp Mgr.

Invoice #: 483699
 Invoice Date: 09/29/2011
 Project: EGMA1105
 Project Name: LCSTP Final Design & Permitting

For Services Rendered through: 09/18/2011

Field meeting with DEP and Township regarding NPDES Permit Application; finalize plans for permit application submissions; finalize and submit Individual NPDES Permit Application for Stormwater Discharges; prepare Plant Closure Plan; finalize easement legal descriptions and plot plans; prepare draft specifications; calculate pond and lagoon dewatering durations and backfill quantities; lab analysis of sludge TCLP test results (Phase 6 expense includes \$2,190.72 lab fee)

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	4,797.50
Expense :	0.00
Phase Total :	4,797.50

Phase : 3A -- LCSTP Easement & Boundary Surv Allo

Total Phase : 3A -- LCSTP Easement & Boundary Surv Allo

Labor :	157.50
Expense :	0.00
Phase Total :	157.50

Phase : 4 -- NPDES (E&SPC) Permitting

Total Phase : 4 -- NPDES (E&SPC) Permitting

Labor :	3,015.00
Expense :	0.00
Phase Total :	3,015.00

Phase : 5 -- Water Quality Mgmt Part 2 Permit

Total Phase : 5 -- Water Quality Mgmt Part 2 Permit

Labor :	1,987.50
Expense :	0.00
Phase Total :	1,987.50

Phase : 6 -- Environmental

Total Phase : 6 -- Environmental

Labor :	155.00
Expense :	2,190.72
Phase Total :	2,345.72

Amount Due This Invoice

\$12,303.22

OKTS 10/5/11

Continued on next page...

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

...Continued from previous page

Fee :	77,800.00
Prior Billings :	27,962.91
Current Billings :	12,303.22
Total Billings :	40,266.13

Continued on next page...

· INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

...Continued from previous page

Phase : 1 -- Design

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	10.25	110.00	1,127.50
Project Engineer	12.25	90.00	1,102.50
Associate Engineer	9.75	80.00	780.00
Engineering Technician I	27.50	65.00	1,787.50
Labor Total:	59.75		4,797.50

Total Phase : 1 -- Design

Labor : \$4,797.50
Expense : \$0.00

Phase : 3A -- LCSTP Easement & Boundary Surv Allo

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Senior Engineer	1.50	105.00	157.50
Labor Total:	1.50		157.50

Total Phase : 3A -- LCSTP Easement & Boundary Surv Allo

Labor : \$157.50
Expense : \$0.00

Phase : 4 -- NPDES (E&SPC) Permitting

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	25.50	90.00	2,295.00
Associate Engineer	9.00	80.00	720.00
Labor Total:	34.50		3,015.00

Total Phase : 4 -- NPDES (E&SPC) Permitting

Labor : \$3,015.00
Expense : \$0.00

Phase : 5 -- Water Quality Mgmt Part 2 Permit

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	1.50	110.00	165.00
Project Engineer	17.00	90.00	1,530.00
Engineering Technician I	4.50	65.00	292.50
Labor Total:	23.00		1,987.50

Total Phase : 5 -- Water Quality Mgmt Part 2 Permit

Labor : \$1,987.50
Expense : \$0.00

Phase : 6 -- Environmental

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	1.00	110.00	110.00

Continued on next page...

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

...Continued from previous page

Phase : 6 -- Environmental

<u>Labor</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Class			
Project Engineer	0.50	90.00	45.00
Labor Total:	1.50		155.00

<u>Expenses</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>
Description			
Engineering Servs-direct	08/17/2011	Atlantic Coast Laboratories, Inc.	2,190.72
Subconsultant Total			2,190.72
Expense Total:			\$2,190.72

Total Phase : 6 -- Environmental	Labor :	\$155.00
	Expense :	\$2,190.72
<hr/>		
Total Project : EGMA1105 -- LCSTP Final Design & Permitting	Labor :	\$10,112.50
	Expense :	\$2,190.72

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

East Goshen Municipal Authority
EGMA1105 Invoice Summary.xlsx
Invoice Date 9-29-2011

Project: EGMA1105
Pennoni Job No.: LCSTP Final Design & Permitting
Invoice No: 483699
Invoice Period: 8/15/2011 to 9/18/2011
Initial Authorization: \$ 77,800.00 **Date:** 5/5/2011
Contract Amount: \$ 77,800.00
Previously Invoiced: \$ 27,962.91
Current Invoice: \$ 12,303.22
Invoiced to Date (\$): \$ 40,266.13
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 37,533.87
Remaining Budget (%): 48%

Budget by Phase:

Phase No. ****
**LCSTP Final
Design &
Permitting**
Phase Name:
Phase Budget: \$ 77,800.00
Previously Invoiced: \$ 27,962.91
Current Invoice: \$ 12,303.22
Invoiced to Date (\$): \$ 40,266.13
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 37,533.87
Remaining Budget (%): 48%

Comments: Field meeting with DEP and Township regarding NPDES Permit Application; finalize plans for permit application submissions; finalize and submit Individual NPDES Permit Application for Stormwater Discharges; prepare Plant Closure Plan; finalize easement legal descriptions and plot plans; prepare draft specifications; calculate pond and lagoon dewatering durations and backfill quantities; lab analysis of sludge TCPL test results (Phase 6 expense includes \$2,190.72 lab fee).

Prepared by/Return to:

Robert F. Adams, Esquire
P. O. Box 562
West Chester, PA 19381-0562

UPI # 53-2E-49

RIGHT-OF-WAY AGREEMENT

THIS AGREEMENT, made this 16 day of SEPTEMBER, 2011, between **EAST GOSHEN MUNICIPAL AUTHORITY** ("Authority"), a body corporate and politic organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, in East Goshen Township, Chester County, Pennsylvania, and **EDWARD D. SOLARZ** and **EILEEN K. SOLARZ**, husband and wife ("Owner"), also of East Goshen Township, Chester County, Pennsylvania,

WITNESSETH:

WHEREAS, the Owner owns a tract of land situate in East Goshen Township ("Township"), Chester County, Pennsylvania, located at 920 Dolphin Drive, recorded in Book 0009, page 0345, in the office of the Recorder of Deeds of Chester County, Pennsylvania; and

WHEREAS, the Authority is now constructing a sewer system for the Township to serve certain areas of the Township for which the Authority must obtain a certain right-of-way and easement upon, over and under the aforesaid tract of land of the Owner.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, and in consideration of the payment to the Owner of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by the Owner, the Authority and the Owner, each intending to be legally bound hereby, do hereby agree as follows:

1. **DEFINITIONS:** The term "sewer lines" when used in this instrument shall refer to a sanitary sewer pipe, conduit, manhole, drain, marker, service connection and other appurtenances to be constructed by the Authority, meeting the specifications of the consulting engineers of the Authority, as approved by the Authority for use in the aforesaid sewer system within the sanitary sewer easement on Owner's property, as shown on the plan of "Proposed Easement for Proposed Sanitary Sewer Main" prepared by Pennoni Associates, Inc., marked Exhibit "A," attached hereto and made a part hereof.

2. GRANT TO AUTHORITY: The Owner hereby gives and grants to the Authority the free and uninterrupted right, liberty and privilege:

- A. To install, construct, reconstruct, replace, remove, enlarge, inspect, operate, repair, make connections with and maintain perpetually such sewer lines, their accessories and appurtenances, as the Authority may from time to time require, consisting of underground pipes, conduits, manholes, drains, markers, mains, service connections and other appurtenances upon, over and under a strip of land ten (10) feet wide, more or less, across the aforesaid tract of land belonging to Owner as shown on Exhibit "A", and as more particularly described by metes and bounds on Exhibit "B."
- B. To carry away and dispose of sewage through said sewer lines, regardless of the source of such sewage.

To have and to hold the same perpetually to the Authority and its successors or assigns, together with the right and privilege at any and all times to enter the said premises, or any part thereof, provided that the Authority gives to the Owner reasonable advance notification of the nature of any intended work on the premises and the expected duration of such work, for the purpose of installing, constructing, reconstructing, replacing, removing, enlarging, inspecting, operating, repairing, maintaining, and/or making connections with the sewer lines or other appropriate means of access to the sewer lines; all upon the condition that the Authority will at all times during the construction, reconstruction, replacement, removal, repair or maintenance of the sewer lines cause every reasonable means to be used to protect from injury or damage all property, including lawns, trees, shrubbery, fences, buildings, walls, roads, water courses, natural features, or any existing improvement thereto, and will at all times after doing any work in connection with the construction, reconstruction, replacement, removal, repair or maintenance of the sewer lines, cause the said premises to be restored to the condition in which the same were found before such work was undertaken, including replacement and/or repair of damaged property, to the extent reasonably possible under the circumstances and consistent with the rights and privileges herein granted.

3. COVENANTS OF THE OWNER:

- A. The Owner does hereby release, remise, quitclaim and discharge the Authority, the Township and their several agents, servants, contractors and employees from any claim or right to damages or other emolument of value for the rights, liberties and privileges given and granted to the Authority under this Indenture.

- B. The Owner does hereby covenant that he is lawfully seized and possessed of a good and marketable title in fee simple to the aforesaid tract of land and that he has a good and lawful right to grant the rights and privileges herein granted to the Authority, and he further covenants that he will execute or procure any additional necessary assurances of the rights and privileges herein granted.
- C. The Owner does hereby expressly consent to any transfer, conveyance, pledge, lease or mortgage by the Authority of the said sewer lines, including, but not limited to, the leasing thereof by the Authority, as lessor, to the Township, as lessee.
- D. The Owner does hereby covenant that no structure or other obstruction shall be erected or permitted on the aforesaid strip of land.
- E. The provisions of this Indenture shall be binding upon and inure to the benefit of the Authority, its successors and assigns, and the Owner, his heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed on the day and year first above written.

ATTEST:

EAST GOSHEN MUNICIPAL AUTHORITY

Secretary

Witness

Witness

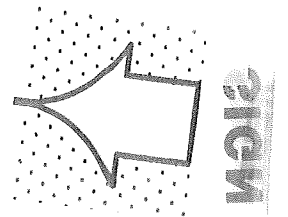
By: _____
Chairman

Edward D. Solarz

Edward D. Solarz

Eileen K. Solarz

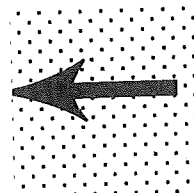
Eileen K. Solarz



COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER

ON THIS, the _____ day of _____, 2011, before me, a notary public in and for said County and Commonwealth, personally appeared _____, who acknowledged himself to be the Chairman of **EAST GOSHEN MUNICIPAL AUTHORITY**, and that he, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

WITNESS my hand and official seal.



NOTARIZE

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER

ON THIS, the 16th day of SEPTEMBER, 2011, before me, a notary public, in and for the aforesaid County and Commonwealth, personally appeared **EDWARD D. SOLARZ** and **EILEEN K. SOLARZ**, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument and acknowledged that they executed the same for the purposes therein contained.

WITNESS my hand and notarial seal.

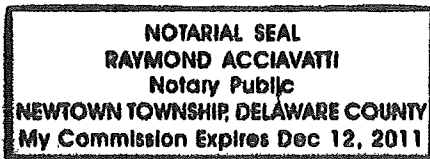
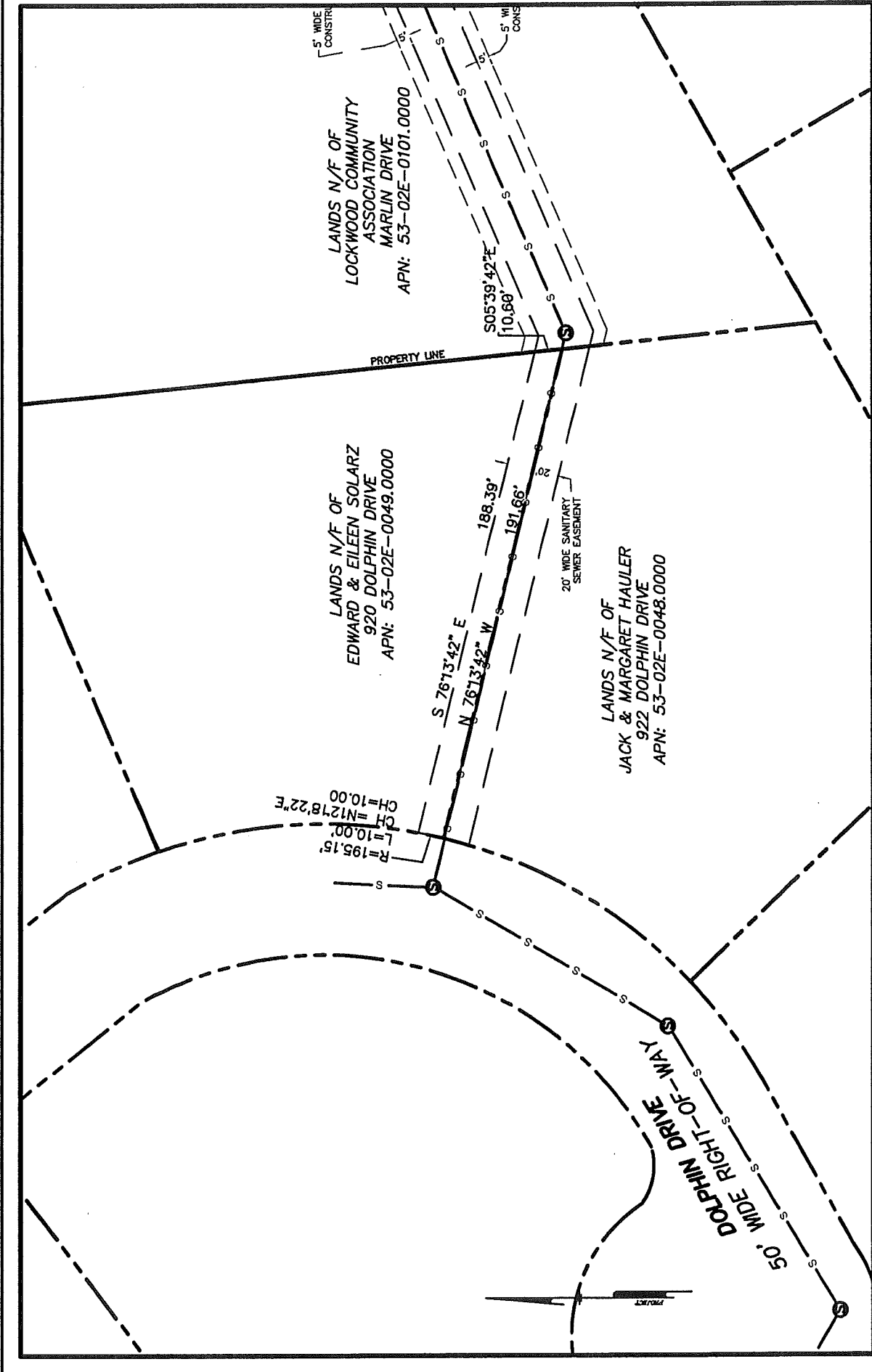


EXHIBIT "A"



<p>FOR LANDS NOW OR FORMERLY OF EDWARD & EILEEN SOLARZ EAST GOSHEN TOWNSHIP CHESTER COUNTY PENNSYLVANIA</p>		<p>DATE: 8/5/11</p>
<p>ALL DOCUMENTS PREPARED BY PERKINS ASSOCIATES, INC. ARE THE PROPERTY OF PERKINS ASSOCIATES, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT WRITTEN PERMISSION FROM PERKINS ASSOCIATES, INC. THE USER OF THIS DOCUMENT ASSUMES ALL LIABILITY FOR THE USE OF THIS DOCUMENT AND ASSOCIATES ARISING OUT OF OR RESULTING THEREFROM.</p>	<p>SCALE: 1"=50'</p>	<p>SKETCH No. 0049</p>
<p>DRAWN BY: AMA</p>	<p>CHECKED BY:</p>	<p>JOB No. EGMA 1105</p>
<p>PROPOSED EASEMENT FOR PROPOSED SANITARY SEWER MAIN</p>		

DESCRIPTION OF
PROPOSED 20' WIDE EASEMENT FOR
SANITARY SEWER MAIN
(1,900 square feet)

ALL that certain 20' wide strip of land, situate in East Goshen Township, Chester County, Pennsylvania, being a portion of land now or formerly of **Edward & Eileen Solarz**, as shown on the plan titled "Proposed Easement for Sanitary Sewer Main," prepared by Pennoni Associates Inc. on Exhibit 0049, dated 8/5/11, and being more particularly bound and described by PENNONI ASSOCIATES INC., as follows, to wit:

BEGINNING for the same at a point on southeasterly right-of-way line of Dolphin Drive, 50 foot wide right-of-way and the northwesterly corner for lands now or formerly of Jack and Margaret Hauler, said point being in the centerline of the Proposed 20' wide Easement, thence for said 20' wide Easement;

1. northeasterly 10.00 feet along the arc of a curve to the left having a radius of 195.15 feet (Chord being North 76° 13' 31" East, 10.00 feet), thence leaving the easterly right-of-way line of Dolphin Drive;
2. South 76° 13' 42" East, 188.39 feet to a point on the line of lands now or formerly of Lockwood Community Association, thence thereby;
3. South 05° 39' 42" East, 10.60 feet to a corner for lands now or formerly of Jack and Margaret Hauler, thence along said line with lands now or formerly of Jack and Margaret Hauler;
4. North 76° 13' 42" West, 191.66 feet to the point and place of beginning, be the contents thereof what they may and containing there within 1,900 square feet or 0.04 acres of land, more or less.

Our project number: EGMA 1105.LCSTP

August 08, 2011

AMA/JWH

EXHIBIT "B"

Prepared by/Return to:

Robert F. Adams, Esquire
P. O. Box 562
West Chester, PA 19381-0562

UPI # 53-2E-7-E

RIGHT-OF-WAY AGREEMENT

THIS AGREEMENT, made this _____ day of _____, 2011, between **EAST GOSHEN MUNICIPAL AUTHORITY** ("Authority"), a body corporate and politic organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, in East Goshen Township, Chester County, Pennsylvania, and **EAST GOSHEN TOWNSHIP** ("Owner"), a Township of the Second Class of Chester County, Pennsylvania,

WITNESSETH:

WHEREAS, the Owner owns a tract of land situate in East Goshen Township ("Township"), Chester County, Pennsylvania, located on the north side of Tanglewood Drive, recorded in Book V-65, page 185, in the office of the Recorder of Deeds of Chester County, Pennsylvania; and

WHEREAS, the Authority is now constructing a sewer system for the Township to serve certain areas of the Township for which the Authority must obtain a certain right-of-way and easement upon, over and under the aforesaid tract of land of the Owner.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, and in consideration of the payment to the Owner of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by the Owner, the Authority and the Owner, each intending to be legally bound hereby, do hereby agree as follows:

1. **DEFINITIONS:** The term "sewer lines" when used in this instrument shall refer to a sanitary sewer pipe, conduit, manhole, drain, marker, service connection and other appurtenances to be constructed by the Authority, meeting the specifications of the consulting engineers of the Authority, as approved by the Authority for use in the aforesaid sewer system within the sanitary sewer easement on Owner's property, as shown on the plan of "Proposed Easement for Proposed Sanitary Sewer Main" prepared by Pennoni Associates, Inc., marked Exhibit "A," attached hereto and made a part hereof.

2. GRANT TO AUTHORITY: The Owner hereby gives and grants to the Authority the free and uninterrupted right, liberty and privilege:

- A. To install, construct, reconstruct, replace, remove, enlarge, inspect, operate, repair, make connections with and maintain perpetually such sewer lines, their accessories and appurtenances, as the Authority may from time to time require, consisting of underground pipes, conduits, manholes, drains, markers, mains, service connections and other appurtenances upon, over and under a strip of land twenty (20) feet wide, more or less, across the aforesaid tract of land belonging to Owner as shown on Exhibit "A", and as more particularly described by metes and bounds on Exhibit "B", together with a temporary right-of-way, as shown on Exhibit "A", during the period of construction.
- B. To carry away and dispose of sewage through said sewer lines, regardless of the source of such sewage.

To have and to hold the same perpetually to the Authority and its successors or assigns, together with the right and privilege at any and all times to enter the said premises, or any part thereof, provided that the Authority gives to the Owner reasonable advance notification of the nature of any intended work on the premises and the expected duration of such work, for the purpose of installing, constructing, reconstructing, replacing, removing, enlarging, inspecting, operating, repairing, maintaining, and/or making connections with the sewer lines or other appropriate means of access to the sewer lines; all upon the condition that the Authority will at all times during the construction, reconstruction, replacement, removal, repair or maintenance of the sewer lines cause every reasonable means to be used to protect from injury or damage all property, including lawns, trees, shrubbery, fences, buildings, walls, roads, water courses, natural features, or any existing improvement thereto, and will at all times after doing any work in connection with the construction, reconstruction, replacement, removal, repair or maintenance of the sewer lines, cause the said premises to be restored to the condition in which the same were found before such work was undertaken, including replacement and/or repair of damaged property, to the extent reasonably possible under the circumstances and consistent with the rights and privileges herein granted.

3. COVENANTS OF THE OWNER:

- A. The Owner does hereby release, remise, quitclaim and discharge the Authority, the Township and their several agents, servants, contractors and employees from any claim or right to damages or other emolument of value for the rights, liberties and privileges given and granted to the Authority under this Indenture.

- B. The Owner does hereby covenant that he is lawfully seized and possessed of a good and marketable title in fee simple to the aforesaid tract of land and that he has a good and lawful right to grant the rights and privileges herein granted to the Authority, and he further covenants that he will execute or procure any additional necessary assurances of the rights and privileges herein granted.
- C. The Owner does hereby expressly consent to any transfer, conveyance, pledge, lease or mortgage by the Authority of the said sewer lines, including, but not limited to, the leasing thereof by the Authority, as lessor, to the Township, as lessee.
- D. The Owner does hereby covenant that no structure or other obstruction shall be erected or permitted on the aforesaid strip of land.
- E. The provisions of this Indenture shall be binding upon and inure to the benefit of the Authority, its successors and assigns, and the Owner, his heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed on the day and year first above written.

ATTEST:

EAST GOSHEN MUNICIPAL AUTHORITY

Secretary

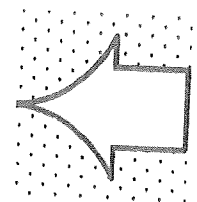
By: _____
Chairman

ATTEST:

EAST GOSHEN TOWNSHIP

/c The

By: 
_____ Chairman



**SIGN
HERE**

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER


ON THIS, the _____ day of _____, 2011, before me, a notary public in and for said County and Commonwealth, personally appeared _____, who acknowledged himself to be the Chairman of **EAST GOSHEN MUNICIPAL AUTHORITY**, and that he, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

WITNESS my hand and official seal.

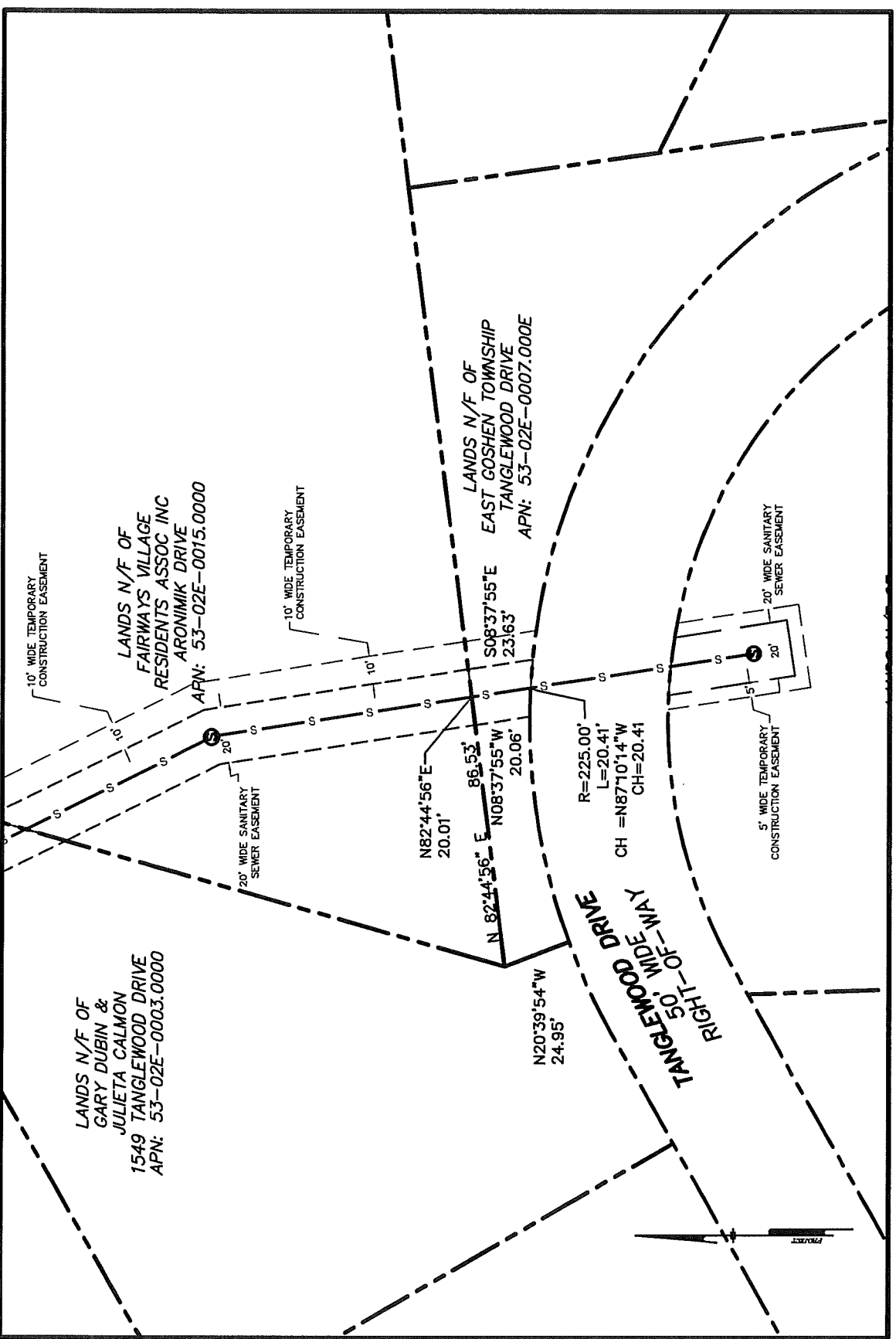
COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER

ON THIS, the 21st day of September, 2011, before me, a notary public in and for said County and Commonwealth, personally appeared Senya D. Isayeff, who acknowledged himself to be the Chairman of the Board of Supervisors of **EAST GOSHEN TOWNSHIP**, and that he, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

WITNESS my hand and official seal.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Barbara L. Phillips, Notary Public
East Goshen Twp., Chester County
My Commission Expires March 29, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES



FOR LANDS NOW OR FORMERLY OF
 EAST GOSHEN TOWNSHIP
 EAST GOSHEN TOWNSHIP
 CHESTER COUNTY
 PENNSYLVANIA

PROPOSED EASEMENT FOR PROPOSED SANITARY SEWER MAIN

ALL DOCUMENTS PREPARED BY PRINSON ASSOCIATES, INC. ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE USED FOR ANY OTHER PROJECT OR IN EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OF PRINSON ASSOCIATES, INC. IS PROHIBITED. THE USER ASSUMES ALL RISK AND WITHOUT LIABILITY OR LEGAL OBLIGATION SHALL INDEMNIFY AND HOLD HARMLESS PRINSON ASSOCIATES, INC. FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR IN CONNECTION WITH THE PROJECT.

SCALE: 1"=50'	DATE: 8/5/11
DRAWN BY: AMA	SKETCH No. EXHIBIT 0007
CHECKED BY:	
JOB No. EGMA 1105	

DESCRIPTION OF
PROPOSED 20' WIDE EASEMENT FOR
PROPOSED SANITARY SEWER MAIN
(434 square feet)

ALL that certain 20' wide strip of land, situate in East Goshen Township, Chester County, Pennsylvania, being on a portion of land now or formerly of **East Goshen Township**, as shown on the plan titled, "Proposed Easement for Proposed Sanitary Sewer Main," prepared by Pennoni Associates Inc. on Exhibit 0007, dated 8/5/11, and being more particularly bound and described by PENNONI ASSOCIATES INC., as follows, to wit:

BEGINNING for the same at a point on the southerly line of lands now or formerly of Fairways Village Residents Assoc., Inc., said point being the following two courses and distances from the southeasterly corner for lands now or formerly of Gary Dubin and Julieta Calmon at its intersection with the northerly side of Tanglewood Drive, 50 foot wide right-of-way; North 20°39'54" West, 24.95 feet along said lands Gary Dubin and Julieta Calmon, to the southwesterly corner of said lands of Fairways Village Residents Assoc. Inc, thence continuing along the southerly line of said lands of Fairways Village Residents Assoc., Inc., North 82° 44' 56" East 86.53 feet to the point of beginning, thence for said 20' wide Easement;

1. North 82° 44' 56" East 20.01 feet along said lands of Fairways Village Residents Assoc., Inc. to a point, thence;
2. South 08°37'55" East, 23.63 feet, to a point on said northerly right-of-way line of Tanglewood Drive, thence along the said right-of-way line;
3. westerly 20.41 feet along the arc of a curve to the left having a radius of 225.00 feet (chord being North 87° 10' 14" West, 20.41 feet), thence leaving the northerly right-of-way of Tanglewood Drive;
4. North 08° 37' 55" West, 20.06 feet to the point and place of beginning and containing within these metes and bounds, 434 square feet or 0.01 acres of land, more or less.

Our project number: EGMA1105. LCSTP

August 8, 2011

AMA/JWH



MEMORANDUM

TO: East Goshen Municipal Authority Board
Rick Smith, Township Manager

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: October 5, 2011

SUBJECT: Budget Increase Request for Annual Services

As discussed at the September Authority meeting, our Annual Services project account budgeted at \$10,000 for the year is expended. The reason for this is that we completed the Ridley Creek Plant NPDES permit renewal under this budget at the Authority's request. When the Annual Services budget was established, this task was not envisioned as part of the budget. The cost to complete the permit renewal was approximately \$2,500. The purpose of the Annual Services budget is to cover the cost of monthly Authority meetings and reports, and miscellaneous short term on-call services as requested.

Because of the addition of the NPDES work, we request that the budget for Annual Services be increased by \$2,500 for a new maximum of \$12,500.



October 6, 2011

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

Re: Proposal for Professional Services
Marydell Pump Station Diversion Design & Permitting

Dear Mr. Smith:

Pennoni Associates Inc. (Pennoni) is pleased to submit the following proposal for the design, permitting, easements, and bid assistance services associated with the closure and diversion of the Marydell Pump Station.

BACKGROUND

This diversion project was initiated as a result of Pennoni's *Marydell Pump Station Evaluation* memorandum, dated September 24, 2008, which recommended elimination of the pump station. Elimination of the pump station was projected to have a lower capital cost and provide significant life-cycle cost savings compared to replacement of the pump station. The approximately 30-year old pump station has been subject to severe corrosion and failure of discharge piping as well as corrosion of the steel wet well and valve vault. The pump station also lacks metering and back-up power supply.

The Marydell Pump Station currently discharges wastewater from 31 single family residences through the Chester Creek Collection System (CCCS), a.k.a. West Goshen Service Area. By diverting the Marydell Pump Station wastewater from the CCCS to the Ridley Creek Collection System (RCCS) and the recently expanded Ridley Creek Sewage Treatment Plant (RCSTP), approximately 6,975 gpd of capacity can be made available under the intermunicipal agreement with West Goshen Township.

The proposed diversion of the Marydell Pump Station consists of closure of the existing pump station and approximately 950 feet of gravity sewer extension to an existing gravity sewer on Saratoga Drive near the intersection with Paoli Pike. The diversion requires two state road crossings and one township road crossing.

Pennoni has prepared the *Act 537 Plan Update Revision for the Marydell Pump Station Elimination and Diversion*, last updated October 2011, which is anticipated to be submitted to PADEP the week of October 10. Due to the urgent need to eliminate the pump station as soon as possible, the design and permitting is proposed concurrent with PADEP's review of the *Act 537 Plan Update*.

SCOPE OF WORK

The scope of work has been divided into six phases based upon our expectations for the level of work necessary to obtain permits, prepare easements, and develop bidding documents: Design; Survey; PADEP Closure Plan; PennDOT Highway Occupancy Permits; Bid Assistance; and Additional Meetings. The scope does not include the following work since it is not anticipated to be required: PADEP Water Quality Management (WQM) Part 2 Permitting; County Conservation District E&SPC application or approval, NPDES permitting, PennDOT Drainage Impact Report, stormwater design, analysis of impact or remediation design for adjacent monitoring wells, field locating/probing/sounding or relocation design of any existing utilities that the proposed sewer may cross, existing pavement cores, soil or wastewater sampling or testing, or test pits or borings. Additionally, the scope does not include topographic or existing conditions surveying, wetlands delineations, bog turtle habitat screening, or historical resources assessments since the work performed on those items during preparation of the Planning Module is expected to be adequate for design and permitting.

Phase 1 – Design

During this phase, Pennoni will prepare the engineering plans and specifications necessary for the diversion and closure of the Marydell Pump Station.

The routing and connections of the diversion will be as described above in the “Background” section. The plans and specifications will include existing conditions plans; plans and details of closure and abandonment of the pump station; plans and profiles of the proposed gravity sewer; details of the connections to existing sewers, road and lawn restoration, sewer appurtenances; traffic control plans and notes; and erosion and sediment pollution control plans and details.

Preliminary plans and specifications will be prepared for review by the Township. Following Township approval, the plans will be used for the PADEP Closure Plan submission and PennDOT Highway Occupancy Permit application(s). Following review of the plan and permit applications by the PADEP and PennDOT, final plans and specifications will be prepared for bidding and construction.

Based upon the plot plan prepared as part of the *Act 537 Plan Update Revision for the Marydell Pump Station Elimination and Diversion*, this project is anticipated to involve a number of coordination and design challenges related to the proposed crossing of Boot Road: five petroleum pipeline crossings (at least three of which are indicated to be high pressure pipelines), a water main crossing, proximity to a major signalized intersection, PennDOT poles and underground signalization utility lines, and possible underground telecommunications lines. Additionally, there are potential coordination and design challenges along Paoli Pike due to conflicts within the existing 10-foot utility easement: overhead electric poles, a continuous berm, and mature trees with root systems that likely extend through the easement.

The scope of work is based upon open cut trenching for the entirety of the proposed gravity sewer, including across the state and township roads, and does not include any design or investigations associated with drilling, boring, or tunneling.

Phase 2 – Sewer Stakeout and Easements

Pennoni will perform a field survey to stakeout the proposed gravity sewer routing and prepare associated easements. The stakeout will be performed to field verify the constructability of the proposed gravity sewers (e.g. evaluate conflicts with existing trees, landscaping, hardscaping, utilities, monitoring wells, signs, etc.) and to show property owners the impact of required easements. Pennoni will prepare legal descriptions and exhibits for permanent easements through two properties for the proposed gravity sewer.

Pennoni has previously performed topographic and existing conditions field surveying along the route of the proposed sewer so no further topographic or existing conditions surveying is included in this scope of work. Additionally, it is our understanding that the affected properties have not changed boundaries or ownership since the previous survey so no extensive verification of property boundary or parcel information is included in this scope of work.

Phase 3 – PADEP Closure Plan

During this phase, Pennoni will prepare a Closure Plan for approval by PADEP's Wastewater Division. Per initial discussions with PADEP, a Water Quality Management (WQM) Part 2 Permit or Amendment Application will not be required since this project services less than 250 EDU's and does not involve continued use of a pump station. The Closure Plan will consist of an approximately 3-4 page project narrative, applicable attachments from the *Act 537 Plan Update Revision for the Marydell Pump Station Elimination and Diversion*, and the design plans prepared in Phase 1.

PADEP has indicated that a pre-application meeting will not be necessary for this project, so no such meeting is included in this scope of work.

Phase 4 – PennDOT Highway Occupancy Permits

Pennoni will prepare one Highway Occupancy Permit (HOP) Application for the two proposed PennDOT road crossings – Boot Road and Paoli Pike. Based upon PennDOT's standard permitting procedures, this application will consist of PennDOT Form M-945A "Application for Highway Occupancy Permit", PennDOT Form M-949C "Utility Sketch" including cross-sections, pavement restoration details, traffic control diagrams, and a location map. Pennoni will also prepare a construction cost estimate for work within the PennDOT rights-of-way for either establishment of an escrow account with PennDOT or as justification of minimal cost to eliminate the requirement for an escrow account. Additionally, Pennoni will attend a pre-application meeting with PennDOT.

This permitting is anticipated to involve a number of coordination and design challenges related to the proposed crossing of Boot Road due to the proximity to a major signalized intersection, potential conflicts with PennDOT poles and underground signalization

utility lines, and associated PennDOT traffic control and paving requests and requirements.

This scope is based upon providing traffic control to maintain access along all roads during construction and assumes that a detour route will not be required. This scope does not include any additional coordination, design, permitting, plans, etc. that would be required to establish a detour route.

Phase 5 – Bid Assistance

During this phase, Pennoni will provide assistance to the Township during the construction solicitation period at the hourly rates approved for Pennoni in 2011. The anticipated scope includes: attendance at a pre-bid meeting, preparation of additional bid packages as needed, responding to RFI's, review and tabulation of bids, reference checks, and recommendation of award. This phase is included as an approximated budget.

Phase 6 – Additional Meetings

During this phase, Pennoni will attend meetings as requested by the Township at the hourly rates approved for Pennoni in 2011. Additional meetings may include: public meetings; meetings with property owners about easements; meetings requested by PECO or other utility companies about existing utility line impacts; PADEP pre-application meeting; and progress review meetings with the Township, PADEP, PennDOT, Chester County Conservation District, or other regulatory agencies. The PennDOT pre-application meeting is not included in this phase, but any follow-up meetings with the agency will be considered part of this phase. This phase is included as an approximated budget.

SCHEDULE

We have prepared the Proposed Project Schedule below. The Proposed Project Schedule includes task durations based on our experience and anticipated review times published by PADEP and PennDOT. The actual schedule may vary depending on PADEP and PennDOT input, coordination with impacted utility providers, scheduling of agency meetings, review comments, etc.

	<u>Contract Day</u>
Notice to Proceed.....	1
Preliminary Plans and Specifications.....	60
Sewer Stake-out.....	60
Submit PennDOT HOP Application	75
Submit PADEP Closure Plan.....	75
Easements	90
PennDOT HOP Issuance (60 days).....	135
PADEP Closure Plan Approval (120 days)	195
Finalize Plans and Specifications.....	195
Advertise Solicitation.....	210
Bid Opening.....	240

FEE

Our estimated fee, to be billed on a time and material basis, is \$45,100.00 broken down by Phase as follows:

Phase 1 -- Design.....	\$17,500.00
Phase 2 -- Sewer Stakeout and Easements	\$6,000.00
Phase 3 -- PADEP Closure Plan.....	\$4,400.00
Phase 4 -- PennDOT Highway Occupancy Permits	\$9,600.00
Phase 5 -- Bid Assistance	\$6,000.00
Phase 6 -- Additional Meetings	<u>\$1,600.00</u>
<i>TOTAL</i>	<i>\$45,100.00</i>

Work shall be done on an hourly basis, billed at the Authority's approved rates for Pennoni for 2011.

Extraordinary expenses, authorized in advance and identifiable to the specific project will be billed in addition to the above stated fees. These expenses include, but are not limited to: permit application fees, Federal Express and delivery charges, and the reproduction of plans and specifications by outside services. We do not bill for such items as relatively small amounts of in-house printing, mailing expenses, reasonable telephone calls, and travel expenses.

BILLING AND PAYMENT

Fees will be billed monthly based on actual services completed. Payment is due upon receipt of invoice. Billing and Payment shall be in accordance with Item three (3) of the attached General Terms and Conditions.

The client acknowledges that the method of Billing and Payment has been discussed in detail; that the terms agreed upon can only be changed by a written addendum agreed to by both parties; and work may be stopped until payment is made in accordance with the agreement.

TERMS AND CONDITIONSGeneral

Pennoni Associates Inc. General Terms and Conditions (Form No. LE01, Rev. 09/2002) are attached hereto and are considered as part of this proposal.

Special

- a. We will perform our work in accordance with accepted engineering standards. However, we cannot guarantee approvals by permitting agencies as these approvals are subject to circumstances beyond our control.
- b. Revisions to the plans as may be required by personal preferences of reviewers, reviewing agencies, agency consultants, and the client will be performed as additional work on an hourly basis.
- c. The proposed projects are understood to be clear of rare, threatened, and endangered species as identified by the Pennsylvania Department of Natural Resource Conservation (DCNR) and archeological and historic resources as identified by the Pennsylvania Historic and Museum Commission (PHMC).
- d. This proposal is limited strictly to those items quoted above. Application fees and other costs payable to regulatory agencies will be the responsibility of the Client.

We appreciate this opportunity to submit our proposal to the Township. Should you have any questions or need additional information, please do not hesitate to call. We understand the urgency of this project, and we are prepared to start work immediately. Please sign and return one (1) copy of this proposal as our Notice to Proceed.

Sincerely,

PENNONI ASSOCIATES INC.



Daniel P. Barbato, P.E.
Authority Engineer

ACCEPTED BY: _____

(Print Name and Title)

DATE: _____

**2011
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
OCTOBER REPORT**

ON-GOING

1. Submit an article for each newsletter.
 - a. **Need by 2/9/11 - Joe - Completed**
 - b. **Need by 5/4/11 - Fran - Completed**
 - c. **Need by 8/3/11 – Jack - Completed**
 - d. Need by 11/2/11 -Dana
 - e. February 2012 - Kevin
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. **1st Quarter (March) Jack**
 - b. **2nd Quarter (June) Fran**
 - c. 3rd Quarter (September) Dana
 - d. 4th Quarter (December) Joe
3. Respond to capacity requests in 45 days or less.
4. Implement I & I Plan
5. Conduct a sewer facilities tour after RCSTP construction is complete

RIDLEY CREEK PROJECT

1. Monitor construction. **Project completed**
2. Invite Board of Supervisors and all other ABC members to tour the plant.
Defer until 2012
3. **Open House at the RCSTP - The Authority agreed to have open house in 2012 after grass is fully established**
4. Have Siemens conduct a training session for Miller and Township Employees on the new SBR unit. (This would be in lieu of us going to the Siemens' facility in the mid-west.) Done

ACT 537 PLANNING

1. **Obtain Act 537 Plan approval for the Lockwood STP Abandonment Project. Completed 3/29/11**
2. **Obtain Act 537 Plan approval for the Greenhill PS Redirection and the Reserve PS Abandonment Project. Completed 6/11**
3. Obtain Act 537 Plan approval for the Marydell PS Abandonment project.
Application submitted to DEP in October
4. Obtain construction permits, solicit bids and start construction of the Marydell PS Abandonment project. **Proposal on 10/10/11 agenda**

EAST GOSHEN MUNICIPAL AUTHORITY
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

October 5, 2011

To: Municipal Authority
From: Mark Miller
Re: September Monthly Report

Meters: The flow meters were calibrated on Sept. 29, 2011. Adjustments were made to the Wilson Drive and the Ellis Lane Meter.
We met with Mike Ellis from Pennoni regarding the portable flow meter locations.
We will be removing two meters from the R.C. Collection System and will begin metering the Chester Creek Collection System.

C.C. Collection: With the high ground water, we have been televising. We located INI in Hershey Mill Estates, to date we have had 4 repairs.
While inspecting a sink hole in Marydell, we found a manhole with several bricks missing. The manhole was excavated and repaired.

Lochwood Plant: We televised the sewer line on Dolphin Drive gathering data for Pennoni. No problems to report.

R.C. Collection: We placed 6 (six) sewer caps. We were notified by Roto Rooter of a sewer lateral problem at 1605 Eldridge Drive

where they found the lateral sheared off. This allowed significant inflow.

Ridley Plant: Operation was routine for the month, we pulled the pump on tank 3, the impellar was in good condition. We changed out the cable used to pull the pump. All bolts were checked for tightness. We have a problem with the UV System and we are speaking with all involved to come up with a resolution.

Alarms: The alarm calls were off the charts again for the month of September.

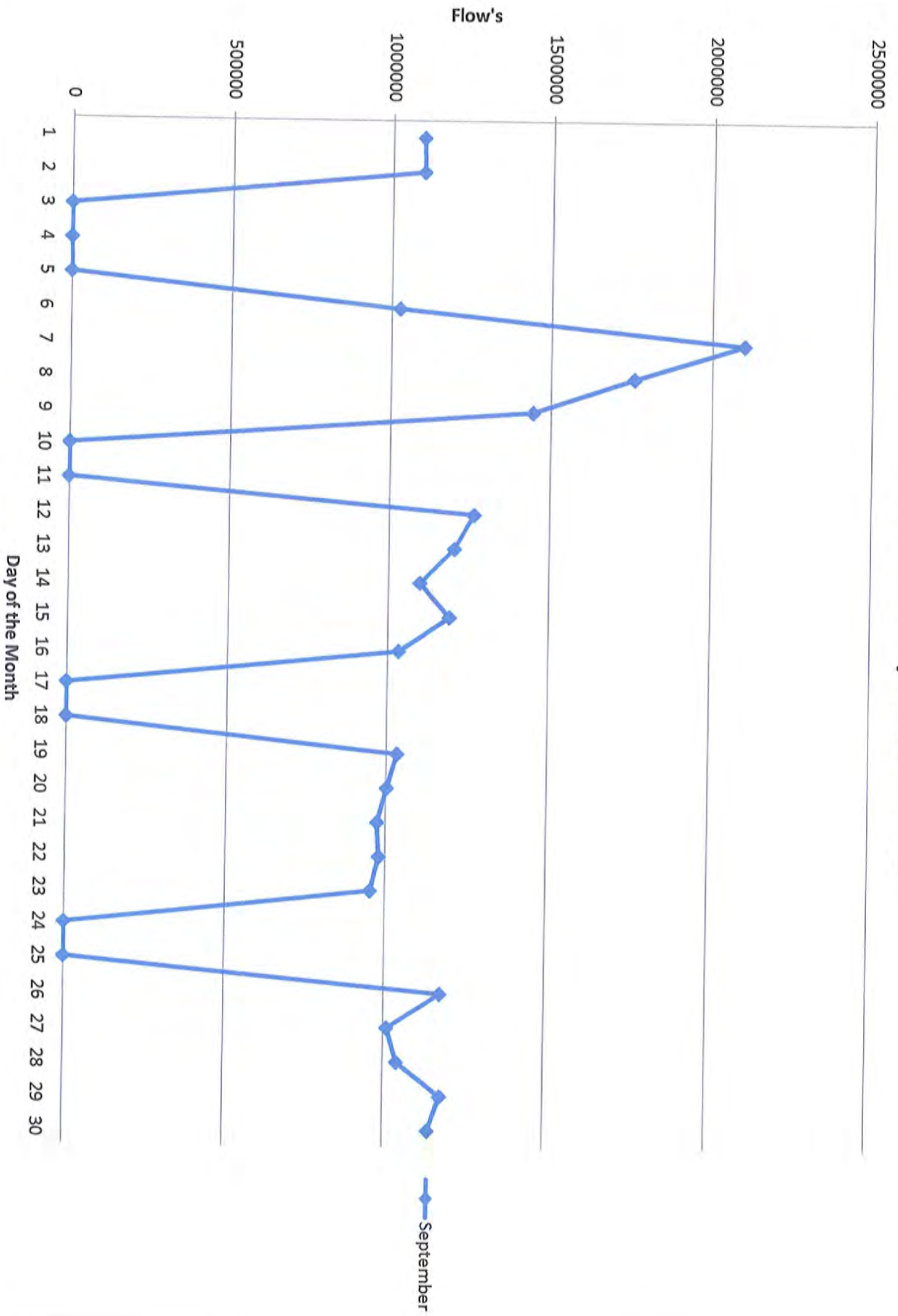
PA One Calls: The Public Works Dept. responded to 117 PA One Calls.

2008 FLOWMETERS

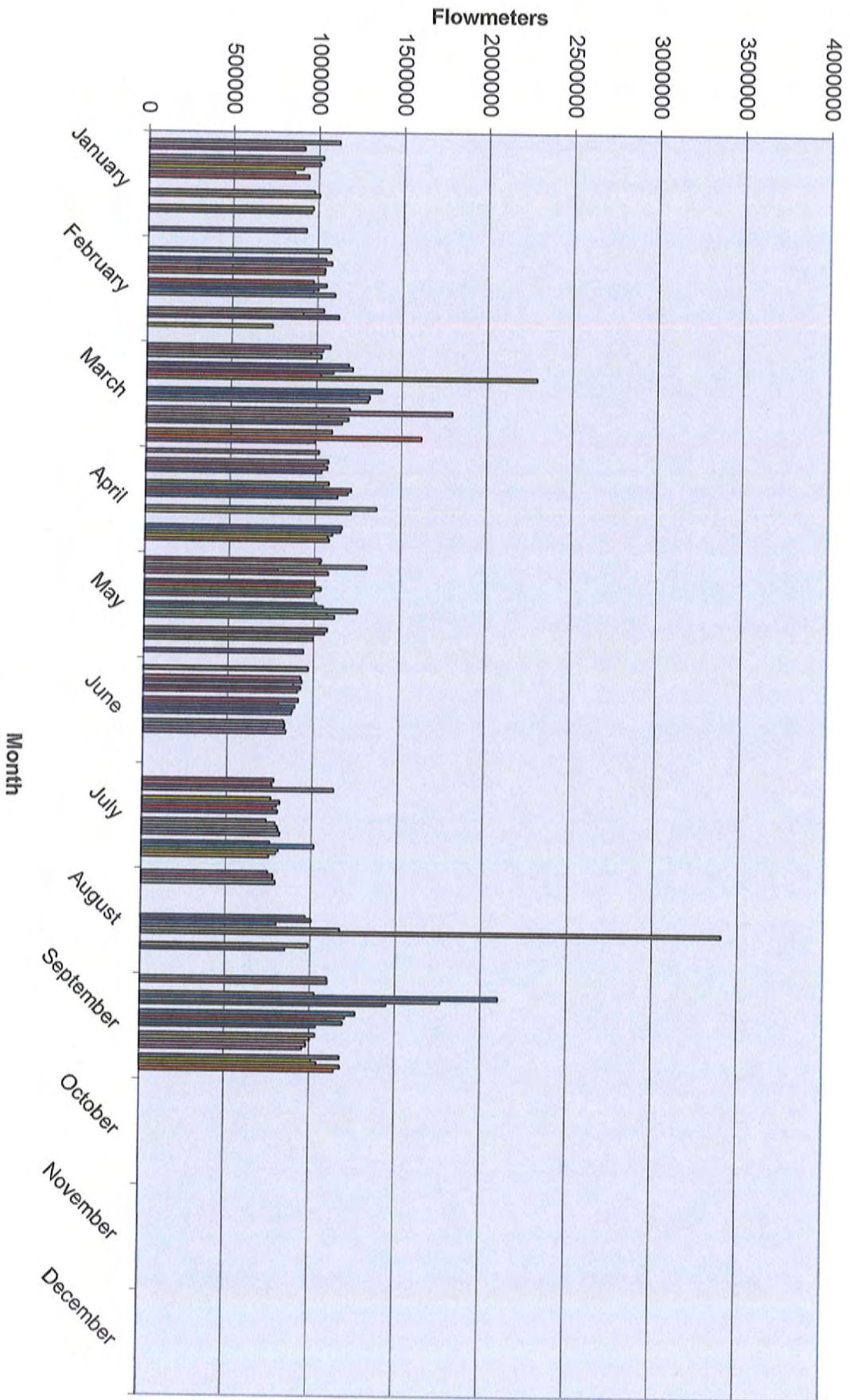
2011 SEPTEMBER 3RD QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION

HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		SHERMAN		BARKWAY	
READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
21,740,028	120,163	1,284,275	1,519,183			132,161,141	888,110	632,577	9,845	2,081,627	32,190
						132,246,179	850,380				
						132,555,467	773,220				
						132,701,870	1,464,030				
21,802,897	89,813	1,213,776	1,007,129			132,839,959	1,380,890	637,157	6,543	2,095,719	20,131
						132,956,247	1,162,880				
21,847,087	110,475					133,251,938	1,373,263				
21,864,875	88,940					133,350,470	985,320				
21,873,255	83,800					133,443,667	931,970				
21,880,981	77,260	1,224,497	134,013			133,547,057	1,033,900				
						133,632,090	850,330	643,078	7,401	2,120,769	31,313
						133,872,757	802,223				
						133,954,747	819,900				
						134,035,896	811,490				
						134,116,754	808,580				
21,929,396	69,164					134,197,777	810,230				
21,959,295	74,748	1,236,058	105,100			134,483,169	951,307				
21,966,682	73,870					134,569,926	867,570	650,625	6,861	2,137,067	14,816
21,974,370	76,880	1,238,427	118,450			134,663,497	935,710				
						134,772,908	1,094,110	651,956	6,655	2,140,726	18,295
						134,871,681	987,730				
	86,511		173,923		0	980,150		7,461			23,349

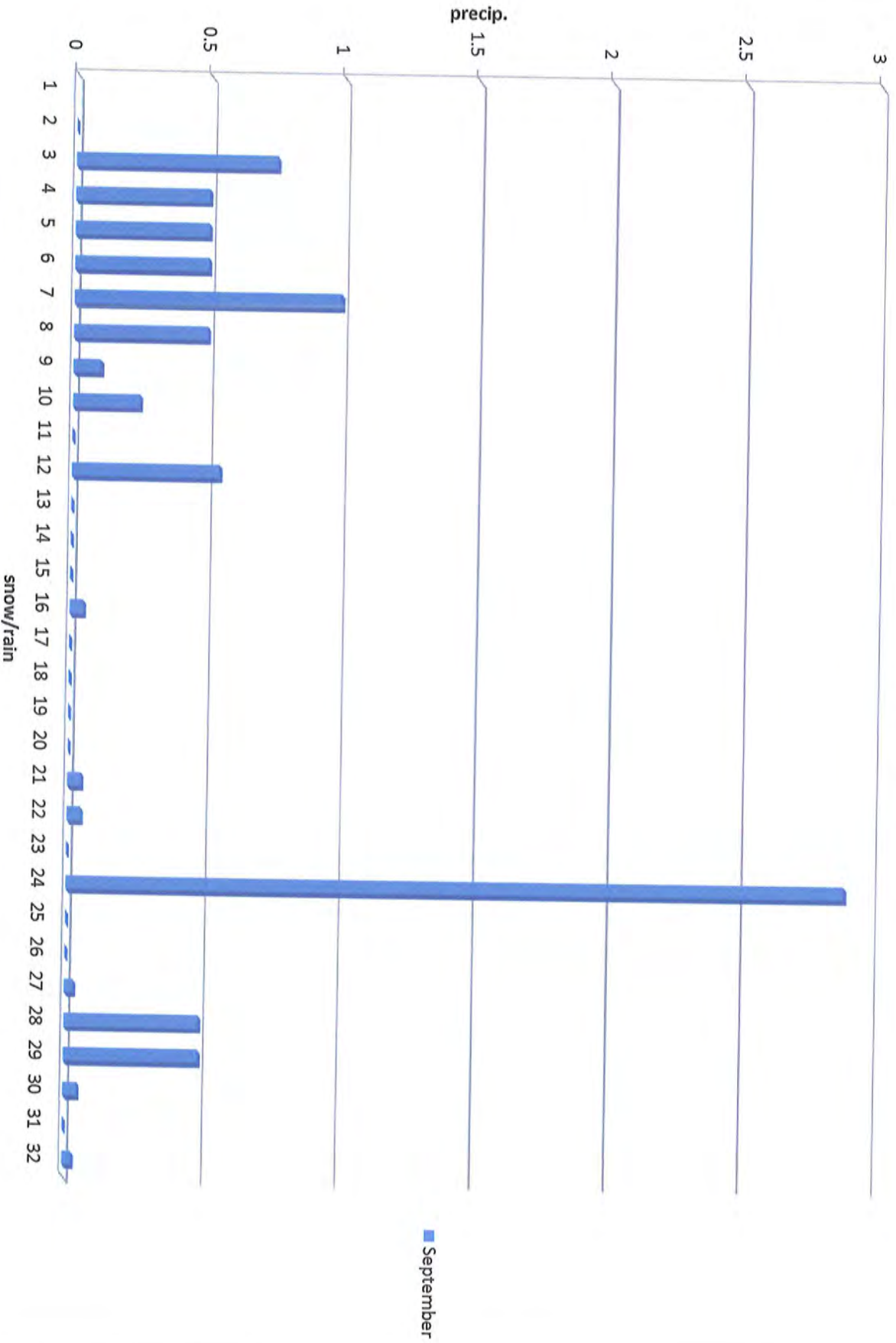
Flowmeters September 2011



Monthly Totals 2010 Jan-Dec



September Precip. 11.15-2011



2011 Monthly Precipitation

