

EAST GOSHEN MUNICIPAL AUTHORITY

**August 8, 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. Brickhouse Environmental Project Manager Report
 - b. Pennoni Engineers Report
 - c. Miller Environmental, Inc. Monthly Operations Report for July
 - d. Cost Summary Report
 - e. Change Orders – None
3. RIDLEY CREEK INVOICES

a. William H. Clinger, Corp. App.#18	\$	56,535.60
b. William H. Clinger, Corp. W.O.#2770	\$	2,890.00
c. William H. Clinger, Corp. W.O.#2775	\$	631.43
d. Rumsey – Clinger	\$	2,100.00
e. Pennoni –W.O.# 478472	\$	3,070.49
4. CHAIRMAN’S REPORT/OTHER MEMBERS REPORTS
5. APPROVAL OF MINUTES
 - a. July 11, 2011
6. APPROVAL OF INVOICES

a. Pennoni #478476	\$	7,606.25
b. Pennoni #478475	\$	282.50
c. Pennoni #478474	\$	965.00
7. LIAISON REPORTS
8. FINANCIAL REPORTS
 - a. July Report
9. OLD BUSINESS
10. GOALS
 - a. 2011 Goals
11. NEW BUSINESS
 - a. Authorize execution of sewer connection agreement for George and Beverly Binns, 1404 Pine Rock Road.
12. CAPACITY REQUESTS - none
13. SEWER REPORTS
 - a. Director of Public Works Report
 - b. East Goshen Township Flows for July 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

August 10, 2011 – Jack
November 9, 2011- Dana

October 1, 2011
January 1, 2011

East Goshen Township Municipal Authority

Ridley Creek Sewage Treatment Plant Upgrade and Expansion Project

Project Manager's July 2011 Report

Executive Summary

The RCSTP project moved closer to final closeout during July. Efforts focused on working with both contractors towards providing the remaining documentation and training required as part of project closeout as well as resolving equipment warranty issues.

On July 19, 2011, Clinger Corporation and their vendor, General Electric (GE), provided training for the operation and maintenance of the variable speed drives (vfds). There are a total eleven GE vfds employed throughout the treatment facility. These drives control the operation of key equipment including the influent pumps, disc filter feed pumps and Siemens SBR blowers. In addition, GE provided programming and training for the power quality meter (PQM) located on the main electric service for the facility. The PQM continuously monitors and records incoming electric data such as line voltage, amperage and hertz.

Clinger Corporation submitted request for final payment dated July 19, 2011 on the transmittal letter. On August 2, 2011 a final review of punch-list items for Clinger revealed a few outstanding items identified as:

- As built record drawing for the 35KW electric connection.
- Missing label
- Missing Arc Flash set back distance indicators installed on the floor.
- Acceptance of spare conduit caps by Owner.

Coordination with Clinger Corporation to resolve these issues immediately is in progress. Approval of final close-out is recommended contingent upon successful completion of the items identified.

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

- Distribution conveyor motor problem corrected. Re-installed a disconnected lead wire on the load side of the motor starter.
- Centrifuge sludge dewatering system polymer system malfunction. Replaced the "B" controller for the polymer system.
- Alum feed pump MP-32. Reprogrammed the pump. The pump operates in automatic mode through the Siemens SBR control panel.

The remaining issues remain outstanding. With the exception of the influent flow meter and SBR number 2 motive pump, the remaining items are planned to be completed during September when conditions are suitable for establishing ground cover.

- Influent flow meter
- Repair of SBR number 2 motive pump
- Top soil, final grading and seed are required around the sludge holding tanks.

East Goshen Township Municipal Authority

Ridley Creek Sewage Treatment Plant Upgrade and Expansion Project

- 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 building.
- Removal of the silt fence

On July 19, 2011, Chris Candy from Flygt (ITT Corporation) issued a revised price in the sum of \$2,509.00 for the repair to SBR number 2 motive pump. Flygt does not consider the impeller failure a warranty item; however, the local office was able to reduce the price. The repair cost will be paid by Worth & Company.

On July 25, 2011, a meeting was held to discuss the pending mediation meeting with Clinger Corporation. The mediation meeting is scheduled for August 8, 2011 at 10:00 AM located at the East Goshen Township building.

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. Sodium hypochlorite was briefly applied to the scum on the SBRs for a few days. Aluminum sulfate is presently added at a rate of 25% pump which is equivalent to around 1.25 gallons. Daily usage is estimated at 75 gallons per day.

During July, the addition of aluminum sulfate to the SBRs during the pre-settle phase was intermittent. The aluminum sulfate system was return to continuous operation during mid-July to assist with settleability and establish a baseline of effluent phosphorus concentrations for comparison against the new phosphorus discharge limit. The treatment facility remains in compliance with the NPDES permit dated September 1, 2006.

The SBR treatment process is functioning on a 6 hour and 20 minute treatment cycle as opposed to the design of 6 hours. The settleability has improved allowing for a decrease in settle time from of 100 minutes to 80 minutes. Restoring the design time for 60 minutes of settle is progressing. The influent fill time was decreased from 140 minutes to 120 minutes and the fill rate was restored to the design rate of 520 gpm. On site process control monitoring has been useful towards adjusting the treatment process and restoring the original design set points.

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. Telephone calls to PADEP to allow the plant operator to demonstrate a minimum of two consecutive months of compliance with the phosphorus discharge limits is being pursued. Coordination of an inspection of the facility by PADEP prior to implementation of new discharge limits is recommended.

The project remains substantially complete with final closeout pending.

RIDLEY CREEK SEWAGE TREATMENT PLANT													
Sample Date	FINAL EFFLUENT						INFLUENT						Comments
	Ammonia as N	CBOD ₅	TSS	Total Phosphorus	Fecal Coliform	BOD ₅	BOD ₅ Rolling Average	TSS	TSS Traveling Average	TKN	TKN Traveling Average	Total Phosphorus	
5-Jan	0.24	4	12	0.98	< 10	1140	1,140	3480	3,480	209	209	63.6	Sample collection from influent P.S. wet well
12-Jan	<0.2	< 3	< 4	0.14	300	134	134	155	155	51.8	51.8	6.13	Sample collection from influent P.S. wet well
19-Jan	<0.2	< 3	< 4	0.13	< 10	139	137	218.3	187	45	48.4	5.92	Sample collection from influent P.S. wet well
26-Jan	0.22	< 2	< 4	0.33	280	274	182	241.7	205	40.7	45.8	5.71	Sample collection from influent P.S. wet well
2-Feb	<0.2	4	< 5	0.21	< 10	234	195	432	262	44	45.4	6.37	Sample collection from influent P.S. wet well
9-Feb	<0.2	< 3	< 4	0.59	< 10	148	186	134.5	236	36.4	43.6	4.69	Sample collection from influent P.S. wet well
16-Feb	0.29	< 3	< 4	0.3	< 10	100	172	270	242	48.7	44.4	7.52	Sample collection from influent P.S. wet well
23-Feb	0.61	< 3	< 4	0.79	10	243	182	465	274	44	44.4	5.71	Sample collection from influent P.S. wet well
2-Mar	1.89	3	< 4	1.9	20	76	169	157	259	31.5	42.8	5.34	Sample collection from influent P.S. wet well
9-Mar	0.57	< 3	< 4	0.62	< 10	156	167	220	255	37.5	42.2	5.52	Sample collection from influent P.S. wet well
16-Mar	<0.2	< 3	< 4	0.52	< 10	101	161	250	254	51.6	43.1	8.41	Sample collection from influent P.S. wet well
23-Mar	<0.2	< 3	< 4	1.52	< 10	231	167	171	247	36.4	42.5	5.89	Sample collection from influent P.S. wet well
6-Apr	0.73	< 3	< 4	2.66	< 10	149	165	47	230		42.5		Sample collection from influent P.S. wet well
13-Apr	<0.2	7	6	7.26	10	113	161	302.5	236		42.5		Sample collection from influent P.S. wet well

RIDLEY CREEK SEWAGE TREATMENT PLANT

Sample Date	FINAL EFFLUENT						INFLUENT						Comments
	Ammonia as N	CBOD ₅	TSS	Total Phosphorus	Fecal Coliform	BOD ₅	BOD ₅ Rolling Average	TSS	TSS Traveling Average	TKN	TKN Traveling Average	Total Phosphorus	
20-Apr	1.55	<3	< 4	1.47	<10	305	172	295	240		42.5		Sample collection from influent P.S. wet well
27-Apr	9.61	23	10	10.5	330	495	193	460	255	57.9	43.8	7.6	Sample collection from influent P.S. wet well
4-May	9.64	7	< 4	2.31	<10	116	188	250	254		43.8	5.88	Sample collection from influent P.S. wet well
11-May	27.5	12	10	7.03	<10	237	191	183.3	250	24.7	42.3	5.31	Sample collection from influent P.S. wet well
18-May	8.87	3	< 5	4.84	<10	86	185	362.5	256	66.6	44.1	16.9	Sample collection from influent P.S. wet well
25-May	15.8	8	< 4	0.58	<10	117	182	195	253	52.7	44.6	6.43	Sample collection from influent P.S. wet well
1-Jun	5.28	3	< 4	1.21	<10	82	177	428	262		44.6	14.1	Sample collection from influent P.S. wet well
8-Jun	<0.2	7	< 4	1.17	<10	140	175	450	271	67.5	46.1	12.5	Sample collection from influent P.S. wet well
15-Jun	0.48	<3	< 4	3.98	10	184	175	360	275	61.3	47.0	10.7	Sample collection from influent P.S. wet well
22-Jun	0.33	<3	< 4	3.92	10	318	182	257.5	274	66.8	48.1	16.5	Sample collection from influent P.S. wet well
6-Jul	0.56	<3	< 4	3.88	<10	131	180	343	277	50.7	48.2	8.94	Sample collection from influent P.S. wet well
13-Jul	1.91	<3	< 4	0.83	<10	419	189	430	283	91.2		16.1	Sample collection from screen building influent channel



MEMORANDUM

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

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: July 28, 2011

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- Construction phase services continue with punchlist monitoring, review of operations and maintenance submittals and as-built plans, troubleshooting, and coordination with the Project Manager and the Township.
- A breakdown of effort expended over the past month by Pennoni is provided with the invoice detail under separate cover.
- Worth and Company and Clinger Corporation have completed their punchlist with the exception of a few minor items. Paper and CAD as-builts, and electronic copies of O&M manuals were received from Worth Clinger submitted O&Ms and as built in early July. Pennoni reviewed the Clinger documents and found them to be responsive to the contract requirements.
- A final punchlist review and verification is in progress.

I/I Metering Project

- The Township continues to meter flows at selected locations. A new program for monitoring meter data is starting up. Meters are in operation in at locations as recommended and two meters will be moved to new locations. Significant progress is being made to reduce infiltration and inflow.

Ridley Creek Consent Order

- The next report is due in September. No comments were received from DEP on the March report.

LCSTP Elimination

- DEP believes that sludge can be left in the ponds if properly handled and deemed non-hazardous. DEP will obtain confirmation from their Waste Management Division to confirm this determination. Pennoni is developing a closure plan for DEP review and comment. Elverson Borough abandoned a relatively similar lagoon in the past in was allowed to leave sludge in place. Samples of the sludge in both ponds will be collected and analyzed for TCLP parameters (hazardous characteristics).
- The proposed sewer route was staked and the Authority met with the affected property owners. Minor adjustments were made to the alignment. Easement documents are in progress.
- Utility research is complete and known utilities are being added to the design plans.

Hershey Mill PS Diversion, Reserve PS Elimination Planning

- DEP approved the pump station diversions on June 6. The Reserve pump station conveys sewage to Hershey Mill, which pumps to West Goshen. Both pump stations will be decommissioned and sewage diverted into the East Goshen Ridley Creek gravity sewer system.
- Base plan development is in progress.

Marydell PS Elimination Planning

- The report for the Act 537 Plan Revision was submitted to DEP in April. No comments have been received from DEP at the time of this report.
- The required 60-day public notice for the project was posted on June 24.

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.

Rick Smith

From: Barbato, Daniel [DBarbato@Pennoni.com]
Sent: Wednesday, July 27, 2011 9:02 PM
To: Rick Smith (RSmith@eastgoshen.org); Mark S. Miller (mmiller@eastgoshen.org)
Subject: July Report
Attachments: Memo to EGMA Board 2011-07-28.pdf

I am away next week so I have to send my report now. It is attached.

Although I am out of town, I will still periodically check email and try to respond to any pressing issues.

Mike Ellis is also available as the back up.

EAST GOSHEN MUNICIPAL AUTHORITY
RIDLEY CREEK EXPANSION PROJECT
SUMMARY

August 2, 2011

Includes bills paid at 7/11/11 meetings

Name	Budget or Contract amt.	This Month	To Date	Balance on Budget or Contract	% of work completed
RECEIPTS					
Bond	\$9,500,000.00	\$0.00	\$9,500,000.00		
Pennoni (rechargeable)	\$20,000.00	\$0.00	\$0.00		
Grant	\$464,195.00	\$0.00	\$464,195.00		
RECEIPTS TOTAL	\$9,984,195.00	\$0.00	\$9,984,195.00		
EXPENSES					
Borrowing costs	\$52,250.00	\$0.00	\$52,250.00	\$0.00	100.00%
Worth change orders (included in the above)	\$7,865,400.00	\$100,000.00	\$7,870,336.12	-\$4,936.12	100.06%
Clinger change orders (included in the above)	\$30,289.91	↑	\$0.00	\$30,289.91	0.00%
	\$974,000.00	\$16,059.00	\$966,836.64	\$7,163.36	99.26%
	\$49,372.24	↑	\$0.00	\$49,372.24	0.00%
Pennoni (Inspection) (05)	\$136,200.00	\$0.00	\$136,197.62	\$2.38	100.00%
Pennoni (Continued Services) (10)	\$208,795.00	\$5,365.80	\$208,778.97	\$16.03	99.99%
Pennoni (Precast) (11)	\$1,000.00	\$847.50	\$874.50	\$125.50	87.45%
Pennoni (EC Response) (50) New	\$11,362.50	\$1,372.50	\$11,362.50	\$0.00	100.00%
Pennoni (Rechargeable) (06)	\$20,000.00	\$0.00	\$19,997.18	\$2.82	99.99%
Brickhouse	\$175,000.00	\$5,520.00	\$250,945.25	-\$75,945.25	143.40%
Extras					
Capital	\$412,025.35	\$11,432.07	\$181,983.21	\$230,042.14	44.17%
Capital (Identified but not paid)	\$36,500.00	\$0.00	\$0.00	\$36,500.00	0.00%
Trailer, Phone, Porta Pot & Internet	\$12,000.00	\$0.00	\$11,825.18	\$174.82	98.54%
EXPENSES TOTAL	\$9,984,195.00	\$140,596.87	\$9,711,387.17	\$272,807.83	97.27%
We have identified \$10,000 in potential extras not counting Clinger.					
We have filed a claim for the damaged TVSS units (Clinger CO #5)					
Retainage (10% until 50% of the project is done then it drops back to 5%)					
	Worth		\$25,323.79		0.32%
	Clinger		\$51,794.25		5%
	Total		<u>\$77,118.04</u>		

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 DETAIL
 August 2, 2011

Worth	Date	Amount	Subtotals	Name	Description
	2/9/2009	\$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
	5/8/2009	\$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	\$504,310.98		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
		\$7,870,336.12	\$7,870,336.12		

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
	2/28/2010	\$41,530.78		Clinger	Application #12 (5% retainage)

Date	Amount	Subtotals	Name	Description
	\$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	\$16,059.00		Clinger	TVSS units CO 5
	\$966,836.64	\$966,836.64		

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.	
5/5/2010	\$18,810.50		PENNONI ASSOCIATES INC.	Through 4/18/2010
5/25/2010	\$19,287.50		PENNONI ASSOCIATES INC.	Through 5/16/2010
6/29/2010	\$17,901.25		PENNONI ASSOCIATES INC.	Through 6/20/10
7/29/2010	\$17,302.63		PENNONI ASSOCIATES INC.	Through 7/18/2010
8/26/2010	\$12,393.25		PENNONI ASSOCIATES INC.	Through 8/15/2010
9/29/2010	\$12,521.81		PENNONI ASSOCIATES INC.	Through 9/19/2010
10/27/2010	\$12,326.15		PENNONI ASSOCIATES INC.	Through 10/17/2010
11/23/2010	\$4,097.75		PENNONI ASSOCIATES INC.	through 11/7/2010
12/22/2010	\$8,722.35		PENNONI ASSOCIATES INC.	thru 12/12/10
2/3/2011	\$3,615.50		PENNONI ASSOCIATES INC.	Thru 1/16/11
3/2/2011	\$3,127.00		PENNONI ASSOCIATES INC.	Thru 2/13
4/29/2011	\$4,188.30		PENNONI ASSOCIATES INC.	Thru 4/17
5/31/2011	\$1,177.50		PENNONI ASSOCIATES INC.	Thru 5/15
	\$208,778.97	\$208,778.97		

Pennoni Inspection (Precast) 11

7/11/2011	\$847.50		PENNONI ASSOCIATES INC.	Thru 6/19
	\$847.50	\$847.50		

Pennoni (EC Response) (50)

2/3/2011	\$6,380.00		PENNONI ASSOCIATES INC.	Thru 1/16/11
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Date	Amount	Subtotals	Name	Description
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				
2/5/2009	\$2,840.50		PENNONI ASSOCIATES INC.	RCSTP EXP.PROJ. SERV. THRU 1/25/09
3/19/2009	\$4,934.75		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
	\$19,997.18	\$19,997.18		
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	Oct-10
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	
3/1/2011	\$6,670.00		BRICKHOUSE	11-Jan
4/1/2011	\$5,750.00		BRICKHOUSE	Feb-11
5/2/2011	\$4,686.25		BRICKHOUSE	Mar-11
6/1/2011	\$10,810.00		BRICKHOUSE	Apr-11
7/1/2011	\$5,520.00		BRICKHOUSE	May-11
	\$250,945.25	\$250,945.25		Jun-11
12/22/2008	\$44.98	\$44.98	EAST GOSHEN TOWNSHIP	REIMBURSE GEN.FUND FOR OFFICE DEPOT
Extras - Capital - Paid				

Date	Amount	Subtotals	Name	Description
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		HANSON AGGREGATES INC	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 CORPORAT	TEMP SERV. FOR TRAILER - RIDLEY CRK
12/31/2008	\$120.00		LENNI ELECTRIC CORPORAT	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, &
12/29/2008	\$129.00		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 & MCCMLLOS	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 & MCCMLLOS	WATER PIPING
5/11/2009	\$158.69		US MUNICIPAL SUPPLY INC.	3 SIGNS
4/30/2009	\$264.86		LENNI ELECTRIC CORPORAT	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	\$1,855.00		HARMONY HILL NURSERIES	16 TREES
8/31/2009	\$836.00		GAWTHROP GREENWOOD	2 MONTH LEGAL
11/19/2009	\$314.00		VIMCO	SEALER FOR FLOORS
10/31/2009	\$285.00		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
12/18/2009	\$789.45		Fisher Scientific	Lab Equipment
2/2/2010	\$57.00		GAWTHROP GREENWOOD	LEGAL
2/28/2010	\$103.96		Matthews Ford	Van rental
3/15/2010	\$275.50		Grainger	Hose
3/31/2010	\$247.00		GAWTHROP GREENWOOD	LEGAL
3/31/2010	\$70.15		GREAT VALLEY LOCKSHOP	6 locks
4/7/2010	\$641.98		Grainger	Shelving
4/14/2010	\$1,127.48		Continetal Fire & Safety	3" & 1.75" Hose

Date	Amount	Subtotals	Name	Description
4/16/2010	\$28.58		Grainger	Phone
3/17/2010	\$1,092.01		Water Pollution Biology	Michael Geradi - Talk
2/22/2010	\$1,104.50		McNichols	Safety Grating
5/5/2010	\$1,078.38		HAMMOND & MCCMLLOS	WATER LINE OFFICE
5/5/2010	\$270.10		HAMMOND & MCCMLLOS	Hose fitting in storage room
5/3/2010	\$2,329.17		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 CORPORAT	Lights
7/12/2010	\$328.70		HAMMOND & MCCMLLOS	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	(\$105.00)		Power Pro	pallet credit
10/5/2010	\$2,073.90		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

Date	Amount	Subtotals	Name	Description
10/5/2010	\$571.88		Yerkes	PL Survey
10/23/2010	\$212.40		Grainger	Door Parts
9/20/2010	\$88.32		Yale Electric	Parts
9/21/2010	\$114.76		Yale Electric	Parts
9/17/2010	\$450.00		Steven Bahmatka	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
1/5/2011	\$1,828.36		Highway	Blacktop
11/5/2011	\$1,841.53		Highway	Blacktop
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 CORPORAT	Weel pump
5/31/2011	\$1,747.50		PENNONI	Special meeting
5/20/2011	\$6,169.22		Aqua Wastewater 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 Wastewater Mgt	Pump SBR 2
6/30/2011	\$455.00		GAWTHROP GREENWOOD	Legal
Total	\$181,983.21	\$11,432.07		
				\$181,983.21

Date	Amount	Subtotals	Name	Description
Extras - Capital - Identified capital extras that have not been paid				
	\$10,000.00			Driveway Restoration
	\$0.00		Completed	Restoration of parking area
	\$20,000.00			Paving at RCSTP (we received a credit from Worth)
	\$6,500.00			Audit
	\$36,500.00	\$36,500.00		
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	
	\$6,126.10	\$6,126.10		
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	11/15 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

Date	Amount	Subtotals	Name	Description
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 ddate 5/7/2010
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
	\$986.46	\$986.46		
Trailer, Phone, Porta Potty & Internet Total				
		\$11,825.18		

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 POTENTIAL EXTRAS/RECEIPTS
 August 2, 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 *

* Does not include Climger

Potential Receipts	
Total Potential Receipts	\$0



320 S. 17th Street
Reading, PA 19602-2209
Telephone: (610) 376-9162
Facsimile: (610) 376-9164
Email: info@miller-env.com
www.miller-env.com

Mr. Rick Smith
Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

RECEIVED AFTER
AGENDA
WAS PRINTED

Re: East Goshen Wastewater Treatment Plants- Lochwood & Ridley Creek
August, 2011- Monthly Operation and Maintenance Report

Dear Mr. Smith:

Miller Environmental, Inc. is pleased to report on Operations and Maintenance activities for the month of July, 2011.

Routine Operation and 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 and Maintenance Activities

- Alarm responses dropping.
- Quarterly well sampling scheduled for Aug.
- Flow signals being modified.
- Alum feed MP32 being adjusted.
- Centrifuge/Polymer system being adjusted

Summary of Influent Flow- Ridley Creek

- AVERAGE: .2716 mgd
- MAXIMUM: .7970 mgd

Summary of Lochwood Chase Flow

- AVERAGE: .00963 mgd
- MAXIMUM: .07040 mgd

Permit Compliance

- Ridley had no eDMR exceedences.
- Lochwood had slightly elevated CBOD and Solids.

Thank you,

MILLER ENVIRONMENTAL INC.

William Ronyack

Operations Manager

(SENT VIA EMAIL)

CC: Mark Miller, Director of Public Works
Scott Stump, MEI
Dean Miller, MEI
File



Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: RIDLEY CREEK STP
PERMITTEE: EAST GOSHEN TWP MUNI AUTH
 CHESTER CNTY
 1751 TOWNE DR
 WEST CHESTER, PA 19380

PERMIT NUMBER: PA0050504
OUTFALL: 001
 From: 2011-06-01
 To: 2011-06-30

REGION: EP SE Rgnl Off
COUNTY: Chester
CITY: WEST CHESTER

MONITORING PERIOD: NO DISCHARGE FROM SITE:
 ()

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	Frequency of Analysis	Sample Type	
		Value	Value		Value	Value	Value				
Dissolved Oxygen	Sample Measurement	****	****		6.0	7.4	****	mg/L	0	1/day	Grab
Parameter Code: 00300 Stage Code: 1	Permit Requirement	****	****		5.0 Instantaneous Minimum	Report Average Monthly	****			1/day	Grab
pH	Sample Measurement	****	****		7.2	****	7.9	S.U.	0	1/day	Grab
Parameter Code: 00400 Stage Code: 1	Permit Requirement	****	****		6.0 Instantaneous Minimum	****	9.0 Instantaneous Maximum			1/day	Grab
Total Suspended Solids	Sample Measurement	9.89	16.18	lbs/day	****	4	4	mg/L	0	1/week	24-Hr Composite
Parameter Code: 00530 Stage Code: 1	Permit Requirement	100 Average Monthly	150 Weekly Average		****	30 Average Monthly	45 Weekly Average			1/week	24-Hr Composite
Ammonia-Nitrogen	Sample Measurement	4.76	****	lbs/day	****	1.29	****	mg/L	0	1/week	24-Hr Composite
Parameter Code: 00610 Stage Code: 1	Permit Requirement	13 Average Monthly	****		****	4.0 Average Monthly	****			1/week	24-Hr Composite
Flow (mgd)	Sample Measurement	.272	.797	MGD	****	****	****		0	Continuous	Metered
Parameter Code: 50050 Stage Code: 1	Permit Requirement	Report Average Monthly	Report Daily Maximum		****	****	****			Continuous	Metered
Fecal Colliform	Sample Measurement	****	****		****	10	10	CFU/100 mL	0	1/week	Grab
Parameter Code: 74055 Stage Code: 1	Permit Requirement	****	****		****	200 Geometric Mean	1000 Instantaneous Maximum			1/week	Grab
CBOD5	Sample Measurement	9.089	14.595	lbs/day	****	3.8	7	mg/L	0	1/week	24-Hr Composite
Parameter Code: 80082 Stage Code: 1	Permit Requirement	33 Average Monthly	50 Weekly Average		****	10 Average Monthly	15 Weekly Average			1/week	24-Hr Composite

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Name/Title of Principal Executive Officer Or Authorized Agent	Signature of Principal Executive Officer Or Authorized Agent	Telephone No	Date
			2011-07-24

Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: RIDLEY CREEK STP **PERMIT NUMBER:** PA0050504 **REGION:** EP SE Rgnl Off
PERMITTEE: EAST GOSHEN TWP MUNI AUTH **OUTFALL:** 002 **COUNTY:** Chester
 CHESTER CNTY **MONITORING PERIOD:** From: 2011-06-01 **CITY:** WEST CHESTER
 1751 TOWNE DR **To:** 2011-06-30 **NO DISCHARGE FROM SITE:** ()
ADDRESS: WEST CHESTER, PA 19380

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Value	Value		Value	Value				
Dissolved Oxygen	Sample Measurement	*****	*****		6.0	7.4	mg/L	0	1/day	Grab
Parameter Code: 00300 Stage Code: 1	Permit Requirement	*****	*****		5.0 Instantaneous Minimum	Report Average Monthly	mg/L		1/day	Grab
pH	Sample Measurement	*****	*****		7.2	7.9	S.U.	0	1/day	Grab
Parameter Code: 00400 Stage Code: 1	Permit Requirement	*****	*****		6.0 Instantaneous Minimum	Instantaneous Maximum	S.U.		1/day	Grab
Total Suspended Solids	Sample Measurement	*****	*****		*****	4	mg/L	0	1/week	Composite
Parameter Code: 00530 Stage Code: 1	Permit Requirement	*****	*****		*****	30 Average Monthly	mg/L		1/week	Composite
Ammonia-Nitrogen	Sample Measurement	*****	*****		*****	1.29	mg/L	0	1/week	Composite
Parameter Code: 00610 Stage Code: 1	Permit Requirement	*****	*****		*****	4.0 Average Monthly	mg/L		1/week	Composite
Flow (mgd)	Sample Measurement	.272	.797	MGD	*****	*****		0	Continuous	Metered
Parameter Code: 50050 Stage Code: 1	Permit Requirement	Report Average Monthly	Report Daily Maximum	MGD	*****	*****			Continuous	Metered
Fecal Coliform	Sample Measurement	*****	*****		*****	10	CFU/100 mL	0	1/week	Grab
Parameter Code: 74055 Stage Code: 1	Permit Requirement	*****	*****		*****	200 Geometric Mean	mL		1/week	Grab
CBOD5	Sample Measurement	*****	*****		*****	3.8	mg/L	0	1/week	Composite
Parameter Code: 80082 Stage Code: 1	Permit Requirement	*****	*****		*****	10 Average Monthly	mg/L		1/week	Composite

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Name/Title of Principal Executive Officer Or Authorized Agent	Signature of Principal Executive Officer Or Authorized Agent	Telephone No	Date
			2011-07-24

Report all violations during the reporting period on a Non-Compliance Reporting Form as an attachment to your eDMR submission

PARAMETER SPECIFIC COMMENTS:

Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: LOCHWOOD CHASE STP & SPRAY **PERMIT NUMBER:** 1580430 **REGION:** EP SE Rgnl Off
PERMITTEE: EAST GOSHEN TWP MUNI AUTH CHESTER CNTY **OUTFALL:** 001 **COUNTY:** Chester
ADDRESS: 1580 PAOLI PIKE WEST CHESTER, PA 19380-6107 **MONITORING PERIOD:** From: 2011-06-01 To: 2011-06-30 **CITY:** WEST CHESTER
NO DISCHARGE FROM SITE: ()

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Value	Value		Value	Value				
pH	Sample Measurement	*****		*****	7.63	S.U.	0	1/month	Grab
Parameter Code: 00400 Stage Code: 1	Permit Requirement	*****		*****	9.0 Maximum			1/month	Grab
Total Suspended Solids	Sample Measurement	*****		35.4	35.4	mg/L	1	1/month	Grab
Parameter Code: 00530 Stage Code: 1	Permit Requirement	*****		30 Average Monthly	45 Weekly Average			1/month	Grab
Total Nitrogen	Sample Measurement	*****		24.5	24.5	mg/L	0	1/month	Grab
Parameter Code: 00600 Stage Code: 1	Permit Requirement	*****		Report Average Monthly	Report Instantaneous Maximum			1/month	Grab
Flow (mgd)	Sample Measurement	.00964		*****	*****		0	Continuous	Recorded
Parameter Code: 50050 Stage Code: G	Permit Requirement	0.0252 Average Monthly	MGD	*****	*****			Continuous	Recorded
Fecal Coliform	Sample Measurement	*****		10	*****	CFU/100 mL	0	1/month	Grab
Parameter Code: 74055 Stage Code: 1	Permit Requirement	*****		200 Geometric Mean	*****			1/month	Grab
CBOD5	Sample Measurement	*****		52	52	mg/L	2	1/month	Grab
Parameter Code: 80082 Stage Code: 1	Permit Requirement	*****		25 Average Monthly	40 Weekly Average			1/month	Grab
Name/Title of Principal Executive Officer Or Authorized Agent	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).			Signature of Principal Executive Officer Or Authorized Agent		Telephone No	Date		
								2011-07-27	

Report all violations during the reporting period on a Non-Compliance Reporting Form, as an attachment to your eDMR submission Page 1

GENERAL REPORT COMMENT:

TSS and CBOD5 limits were exceeded due to undetermined reasons and sampling oversights.

PARAMETER SPECIFIC COMMENTS:

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 CHANGE ORDERS
 August 2, 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		SERVICE DISCONNECT	APPROVED	YES
	4	\$1,451.24	4/12/10	Applebrook Pump	APPROVED	YES
	5	\$16,059.00	3/23/10	Cables for 2 chart recorders	APPROVED	YES
		\$49,372.24	1/10/11	Replace TVSS Units - filed with Ins. Co.	APPROVED	YES
Total						

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK EXPANSION PROJECT
 PROJECTED FINAL COSTS

August 2, 2011

Name	Budget or Contract amt.	Paid to Date	Projected Final Cost
EXPENSES			
Borrowing costs	\$52,250.00	\$52,250.00	\$52,250.00
Worth change orders - included in the above	\$7,865,400.00	\$7,870,336.12	\$7,865,400.00
Clinger change orders - included in the above	\$30,289.91	↑ \$966,836.64	\$30,289.91
	\$974,000.00	↑	\$974,000.00
	\$49,372.24		\$49,372.24
Pennoni (Inspection) (05)	\$136,200.00	\$136,197.62	\$136,197.62
Pennoni (Continued Services) (10)	\$206,320.00	\$208,778.97	\$215,000.00
Pennoni (Precast) (11)	\$1,000.00	\$874.50	\$1,000.00
Pennoni (EC Response) (50) (new)	\$9,990.00	\$11,362.50	\$15,000.00
Pennoni (Rechargeable) (06)	\$20,000.00	\$19,997.18	\$19,997.18
Brickhouse	\$175,000.00	\$250,945.25	\$255,000.00
Extras			
Capital	\$384,534.10	\$181,983.21	\$140,000.00
Capital (Identified but not paid)	\$36,500.00	\$0.00	\$30,000.00 *
Trailer, Phone, Porta Pot & Internet	\$12,000.00	\$11,825.18	\$11,825.18
SUB TOTAL	\$9,952,856.25	\$9,711,387.17	\$9,795,332.13
Refund for TVSS Units	-\$16,059.00		-\$16,059.00
EXPENSES TOTAL	\$9,936,797.25	\$9,711,387.17	\$9,779,273.13
Project final cost vs. budget			
Original Budget	\$9,500,000.00		\$9,984,195.00
Projected final cost	\$9,779,273.13 **		\$9,779,273.13 **
Over(Under)	\$279,273.13		\$204,921.87
Percentage	2.94%		

Funds Left

Total funds available	\$9,984,195.00
Projected final cost	\$9,779,273.13 **
Funds left	\$204,921.87

* The Paving and driveway are expected to come in under budget
 ** Does not include Clinger

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE 1 OF 2

PAGES

TO OWNER: East Goshen Municipal Auth.
 1580 Paoli Pike
 West Chester, PA 19331

PROJECT: Ridley Creek Sewage Treatment
 Plant Upgrade & Expansion Project

FROM CONTRACTOR:
 Wm. H. Clinger Corp.
 736 Baltimore Pike, P.O. Box 158
 Concordville, PA 19331

VIA ARCHITECT: Pennoni Associates
 One Drexel Plaza, 3001 Market St.
 Philadelphia, PA 19104-2897

CONTRACT FOR: Electrical Contractor

APPLICATION NO: 18

PERIOD TO: 7/19/2011

PROJECT NOS: EGMA0707

CONTRACT DATE: 11/5/2008

Our Job# CEG800

Distribution to:

OWNER

ARCHITECT

CONSTRUCTION MANAGER

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

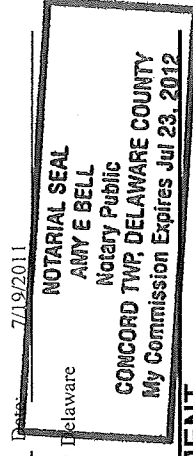
1. ORIGINAL CONTRACT SUM	\$	974,000.00
2. Net change by Change Orders	\$	33,313.24
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	1,007,313.24
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$	1,007,313.24
5. RETAINAGE:		
a. $\frac{5}{100}$ % of Completed Work (Column D + E on G703)	\$	0.00
b. $\frac{\quad}{100}$ % of Stored Material (Column F on G703)	\$	
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	1,007,313.24
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	950,777.64
8. CURRENT PAYMENT DUE	\$	56,535.60
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$33,313.24	
Total approved this Month		
TOTALS	\$33,313.24	
NET CHANGES by Change Order		\$33,313.24

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Wm. H. Clinger Corp.

By: *Michael V. Clinger*
 Michael V. Clinger, President
 State of: Pennsylvania
 County of: Delaware
 Subscribed and sworn to before me this 19th day of July, 2011.
 Notary Public: *Amy E Bell*
 My Commission expires: 7/23/2015



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of their knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED\$ _____

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CUST: EAST GOSHEN MUNICIPAL AUTH.
1580 PAOLI PIKE

JOB:Rid.Creek Sewage Trtmnt. Plnt.

APPLICATION NO: 18
PERIOD ENDING : 07/19/11
INVOICE NO : 5003

Page: 1

WEST CHESTER PA 19380

FROM: William H. Clinger Corp.
PO Box 158, 736 Baltimore Pike
Concordville, PA 19331

ARCHITECT:PENNONI ASSOCIATES
One Drexel Plaza
3001 Market Street
Philadelphia PA 19104-2897

CONTRACT NO:
CONTRACT DATE: 11/13/08

OUR JOB # : CEG800

JOB DESCRIPTION: Rid.Creek Sewage Trtmnt. Plnt.

CHANGE ORDERS		
	ADDITIONS	DEDUCTIONS
PREVIOUS TOTAL	33,313.24	.00
-----CURRENT-----		
Number	Date	
TOTALS TO DATE	33,313.24	.00
NET AMOUNT		33,313.24

ORIGINAL CONTRACT AMOUNT.....	\$	974,000.00
TOTAL CHANGE ORDER AMOUNT.....	\$	33,313.24
TOTAL CONTRACT INCLUDING CHANGE ORDERS.....	\$	1,007,313.24
AMOUNT COMPLETED TO DATE.....	\$	1,007,313.24
RETAINAGE - .00% OF WORK COMPLETED.....	\$.00
.00% OF STORED MATERIAL		
COMPLETED TO DATE LESS RETAINAGE.....	\$	1,007,313.24
PREVIOUS AMOUNT BILLED.....	\$	950,777.64
SALES TAX.....	\$.00
CURRENT AMOUNT DUE.....	\$	56,535.60
AMOUNT REMAINING.....	\$.00

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	---WORK COMPLETED---		STORED MATERIALS	COMPLETED AND STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
			PREVIOUS APPLICATION	THIS PERIOD					
1	DIRECT COST								
1	Labor-Field	.00	.00	.00	.00	.00	0	.00	.00
		.00							
3	Materials	.00	.00	.00	.00	.00	0	.00	.00
		.00							
4	Subcontractor	.00	.00	.00	.00	.00	0	.00	.00
		.00							
5	Equipment Rental	.00	.00	.00	.00	.00	0	.00	.00
		.00							
6	Small Tools	.00	.00	.00	.00	.00	0	.00	.00
		.00							
7	Other Charges	.00	.00	.00	.00	.00	0	.00	.00
		.00							
PM	Labor-Proj. Mgr.	.00	.00	.00	.00	.00	0	.00	.00
		.00							
	Total DIRECT COST	.00	.00	.00	.00	.00	0	.00	.00
CO	Change Orders								
001	Change Order #001	5,106.00	5,106.00	.00	.00	5,106.00	100	.00	.00
		.00							
002	Change Order #002	1,451.24	1,451.24	.00	.00	1,451.24	100	.00	.00
		.00							
003	Change Order #003	3,171.00	3,171.00	.00	.00	3,171.00	100	.00	.00
		.00							
001A	Change Order #001 (A)	23,585.00	23,585.00	.00	.00	23,585.00	100	.00	.00
		.00							
	Total Change Orders	33,313.24	33,313.24	.00	.00	33,313.24	100	.00	.00
MOB	Mobilization								
1	Mobilization-Labor	2,772.00	2,772.00	.00	.00	2,772.00	100	.00	.00
		.00							
3	Mobilization-Material	5,611.00	5,611.00	.00	.00	5,611.00	100	.00	.00
		.00							
5	Equipment Rental	.00	.00	.00	.00	.00	0	.00	.00
		.00							
	Total Mobilization	8,383.00	8,383.00	.00	.00	8,383.00	100	.00	.00
DEMO	Demo								
1	Demo-Labor	18,775.00	18,775.00	.00	.00	18,775.00	100	.00	.00
		.00							
	Total Demo	18,775.00	18,775.00	.00	.00	18,775.00	100	.00	.00
TEMP	Temporay Power								
1	Temporay Power-labor	10,820.00	10,820.00	.00	.00	10,820.00	100	.00	.00
		.00							
3	Temporay Power-Material	12,000.00	12,000.00	.00	.00	12,000.00	100	.00	.00
		.00							
	Total Temporay Power	22,820.00	22,820.00	.00	.00	22,820.00	100	.00	.00
11000	Aerial Work								
1	Aerial Work-Labor	486.00	486.00	.00	.00	486.00	100	.00	.00
		.00							
3	Aerial Work-Material	.00	.00	.00	.00	.00	0	.00	.00
		.00							
4	Aerial Work-Subcontractor	6,172.00	6,172.00	.00	.00	6,172.00	100	.00	.00
		.00							

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	-----WORK COMPLETED-----		STORED MATERIALS	COMPLETED AND STORED TO DATE	%	BALANCE	
			PREVIOUS APPLICATION	THIS PERIOD				TO FINISH	RETAINAGE
	Total Aerial Work	6,658.00	6,658.00	.00	.00	6,658.00	100	.00	.00
11100	Site Work								
1	Site Work-Labor	7,160.00	6,086.00	1,074.00	.00	7,160.00	100	.00	.00
		.00							
3	Site Work-Material	5,985.00	5,985.00	.00	.00	5,985.00	100	.00	.00
		.00							
4	Site Work-Subcontractor	24,449.00	20,781.65	3,667.35	.00	24,449.00	100	.00	.00
		.00							
	Total Site Work	37,594.00	32,852.65	4,741.35	.00	37,594.00	100	.00	.00
11200	Underground Conduit								
1	Underground Conduit-Labor	25,984.00	25,984.00	.00	.00	25,984.00	100	.00	.00
		.00							
3	Underground Conduit-Mater	7,530.00	7,530.00	.00	.00	7,530.00	100	.00	.00
		.00							
	Total Underground Conduit	33,514.00	33,514.00	.00	.00	33,514.00	100	.00	.00
11210	Underground Cable								
1	Underground Cable-Labor	28,179.00	28,179.00	.00	.00	28,179.00	100	.00	.00
		.00							
3	Underground Cable-Materia	62,338.00	62,338.00	.00	.00	62,338.00	100	.00	.00
		.00							
	Total Underground Cable	90,517.00	90,517.00	.00	.00	90,517.00	100	.00	.00
11220	Underground Terms								
1	Underground Terms-Labor	12,762.00	12,762.00	.00	.00	12,762.00	100	.00	.00
		.00							
3	Underground Terms-Materia	2,272.00	2,272.00	.00	.00	2,272.00	100	.00	.00
		.00							
	Total Underground Terms	15,034.00	15,034.00	.00	.00	15,034.00	100	.00	.00
11230	Underground Equip								
1	Underground Equip-Labor	7,276.00	7,276.00	.00	.00	7,276.00	100	.00	.00
		.00							
3	Underground Equip-Materia	1,234.00	1,234.00	.00	.00	1,234.00	100	.00	.00
		.00							
	Total Underground Equip	8,510.00	8,510.00	.00	.00	8,510.00	100	.00	.00
11300	Trt.Bldg.Pwr Cond								
1	Trt.Bldg.Pwr Cond-Labor	49,464.00	49,464.00	.00	.00	49,464.00	100	.00	.00
		.00							
3	Trt.Bldg.Pwr Cond-Materia	40,442.00	40,442.00	.00	.00	40,442.00	100	.00	.00
		.00							
	Total Trt.Bldg.Pwr Cond	89,906.00	89,906.00	.00	.00	89,906.00	100	.00	.00
11310	Trt.Bldg.Pwr Cables								
1	Trt.Bldg.Pwr Cables-Labor	20,672.00	20,672.00	.00	.00	20,672.00	100	.00	.00
		.00							
3	Trt.Bldg.Pwr Cables-Mater	5,874.00	5,874.00	.00	.00	5,874.00	100	.00	.00
		.00							
	Total Trt.Bldg.Pwr Cables	26,546.00	26,546.00	.00	.00	26,546.00	100	.00	.00
11320	Trt.Bldg.Pwr Terms								
1	Trt.Bldg.Pwr Terms-Labor	6,352.00	6,352.00	.00	.00	6,352.00	100	.00	.00

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	---WORK COMPLETED---			COMPLETED		BALANCE	
			PREVIOUS APPLICATION	THIS PERIOD	STORED MATERIALS	AND STORED TO DATE	%	TO FINISH	RETAINAGE
3	Trt.Bldg.Pwr Terms-Materi	1,029.00	1,029.00	.00	.00	1,029.00	100	.00	.00
		.00							
	Total Trt.Bldg.Pwr Terms	7,381.00	7,381.00	.00	.00	7,381.00	100	.00	.00
11330	Trt.Bldg. Equip								
1	Trt.Bldg. Equip-Labor	25,754.00	25,754.00	.00	.00	25,754.00	100	.00	.00
		.00							
3	Trt.Bldg. Equip-Material	90,861.00	90,861.00	.00	.00	90,861.00	100	.00	.00
		.00							
	Total Trt.Bldg. Equip	116,615.00	116,615.00	.00	.00	116,615.00	100	.00	.00
11340	Trt.Bldg.Branch Cond								
1	Trt.Bldg.Branch Cond-Labo	18,940.00	18,940.00	.00	.00	18,940.00	100	.00	.00
		.00							
3	Trt.Bldg.Branch Cond-Mate	11,570.00	11,570.00	.00	.00	11,570.00	100	.00	.00
		.00							
	Total Trt.Bldg.Branch Cond	30,510.00	30,510.00	.00	.00	30,510.00	100	.00	.00
11350	Trt.Bldg.Branch Wire								
1	Trt.Bldg.Branch Wire-Labo	2,772.00	2,772.00	.00	.00	2,772.00	100	.00	.00
		.00							
3	Trt.Bldg.Branch Wire-Mate	997.00	997.00	.00	.00	997.00	100	.00	.00
		.00							
	Total Trt.Bldg.Branch Wire	3,769.00	3,769.00	.00	.00	3,769.00	100	.00	.00
11360	Trt.Bldg.Branch Dev								
1	Trt.Bldg.Branch Dev-Labor	4,157.00	4,157.00	.00	.00	4,157.00	100	.00	.00
		.00							
3	Trt.Bldg.Branch Dev-Mater	1,459.00	1,459.00	.00	.00	1,459.00	100	.00	.00
		.00							
	Total Trt.Bldg.Branch Dev	5,616.00	5,616.00	.00	.00	5,616.00	100	.00	.00
11370	Trt.Bldg.Ltg.Cond								
1	Trt.Bldg.Ltg.Cond-Labor	22,289.00	22,289.00	.00	.00	22,289.00	100	.00	.00
		.00							
3	Trt.Bldg.Ltg.Cond-Materia	12,545.00	12,545.00	.00	.00	12,545.00	100	.00	.00
		.00							
	Total Trt.Bldg.Ltg.Cond	34,834.00	34,834.00	.00	.00	34,834.00	100	.00	.00
11380	Trt.Bldg.Ltg.Wire								
1	Trt.Bldg.Ltg.Wire-Labor	1,790.00	1,790.00	.00	.00	1,790.00	100	.00	.00
		.00							
3	Trt.Bldg.Ltg.Wire-Materia	669.00	669.00	.00	.00	669.00	100	.00	.00
		.00							
	Total Trt.Bldg.Ltg.Wire	2,459.00	2,459.00	.00	.00	2,459.00	100	.00	.00
11390	Trt.Bldg.Lt.fixt								
1	Trt.Bldg.Lt.fixt-Labor	7,391.00	7,391.00	.00	.00	7,391.00	100	.00	.00
		.00							
3	Trt.Bldg.Lt.fixt-Material	204,093.00	204,093.00	.00	.00	204,093.00	100	.00	.00
		.00							
	Total Trt.Bldg.Lt.fixt	211,484.00	211,484.00	.00	.00	211,484.00	100	.00	.00
21300	Inflt. Pmp.St Pwr Cond								
1	Inflt. Pmp.St Pwr Cond-La	6,698.00	6,698.00	.00	.00	6,698.00	100	.00	.00

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	---WORK COMPLETED---		STORED MATERIALS	COMPLETED AND STORED TO DATE		BALANCE TO FINISH RETAINAGE	
			PREVIOUS APPLICATION	THIS PERIOD		%			
3	Inflt. Pmp.St Pwr Cond-Ma	3,460.00	3,460.00	.00	.00	3,460.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Pwr Cond	10,158.00	10,158.00	.00	.00	10,158.00	100	.00	.00
21310	Inflt. Pmp.St Pwr Cab								
1	Inflt. Pmp.St Pwr Cab-Lab	7,565.00	7,565.00	.00	.00	7,565.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Pwr Cab-Mat	2,249.00	2,249.00	.00	.00	2,249.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Pwr Cab	9,814.00	9,814.00	.00	.00	9,814.00	100	.00	.00
21320	Inflt. Pmp.St Pwr Term								
1	Inflt. Pmp.St Pwr Term-La	1,763.00	1,763.00	.00	.00	1,763.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Pwr Term-Ma	313.00	313.00	.00	.00	313.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Pwr Term	2,076.00	2,076.00	.00	.00	2,076.00	100	.00	.00
21330	Inflt. Pmp.St Equip.								
1	Inflt. Pmp.St Equip.-Labo	973.00	973.00	.00	.00	973.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Equip.-Mate	355.00	355.00	.00	.00	355.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Equip.	1,328.00	1,328.00	.00	.00	1,328.00	100	.00	.00
21340	Inflt. Pmp.St Ltg.Cond								
1	Inflt. Pmp.St Ltg.Cond-La	3,951.00	3,951.00	.00	.00	3,951.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Ltg.Cond-Ma	4,846.00	4,846.00	.00	.00	4,846.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Ltg.Cond	8,797.00	8,797.00	.00	.00	8,797.00	100	.00	.00
21350	Inflt. Pmp.St Ltg.Wire								
1	Inflt. Pmp.St Ltg.Wire-La	2,431.00	2,431.00	.00	.00	2,431.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Ltg.Wire-Ma	1,979.00	1,979.00	.00	.00	1,979.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Ltg.Wire	4,410.00	4,410.00	.00	.00	4,410.00	100	.00	.00
21360	Inflt. Pmp.St Ltg.Fixt								
1	Inflt. Pmp.St Ltg.Fixt-La	2,006.00	2,006.00	.00	.00	2,006.00	100	.00	.00
		.00							
3	Inflt. Pmp.St Ltg.Fixt-Ma	11,578.00	11,578.00	.00	.00	11,578.00	100	.00	.00
		.00							
	Total Inflt. Pmp.St Ltg.Fixt	13,584.00	13,584.00	.00	.00	13,584.00	100	.00	.00
31300	Screen Bldg Pwr Cond								
1	Screen Bldg Pwr Cond-Labo	13,397.00	13,397.00	.00	.00	13,397.00	100	.00	.00
		.00							
3	Screen Bldg Pwr Cond-Mate	9,566.00	9,566.00	.00	.00	9,566.00	100	.00	.00
		.00							
	Total Screen Bldg Pwr Cond	22,963.00	22,963.00	.00	.00	22,963.00	100	.00	.00
31310	Screen Bldg Pwr Cab								
1	Screen Bldg Pwr Cab-Labor	2,067.00	2,067.00	.00	.00	2,067.00	100	.00	.00
		.00							

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	---WORK COMPLETED---		STORED MATERIALS	COMPLETED AND STORED		BALANCE	
			PREVIOUS APPLICATION	THIS PERIOD		TO DATE	%	TO FINISH	RETAINAGE
3	Screen Bldg Pwr Cab-Mater	645.00	645.00	.00	.00	645.00	100	.00	.00
		.00							
	Total Screen Bldg Pwr Cab	2,712.00	2,712.00	.00	.00	2,712.00	100	.00	.00
31320	Screen Bldg Pwr Term								
1	Screen Bldg Pwr Term-Labo	486.00	486.00	.00	.00	486.00	100	.00	.00
		.00							
3	Screen Bldg Pwr Term-Mate	75.00	75.00	.00	.00	75.00	100	.00	.00
		.00							
	Total Screen Bldg Pwr Term	561.00	561.00	.00	.00	561.00	100	.00	.00
31330	Screen Bldg. Eq								
1	Screen Bldg. Eq-Labor	2,310.00	2,310.00	.00	.00	2,310.00	100	.00	.00
		.00							
3	Screen Bldg. Eq-Material	879.00	879.00	.00	.00	879.00	100	.00	.00
		.00							
	Total Screen Bldg. Eq	3,189.00	3,189.00	.00	.00	3,189.00	100	.00	.00
41300	Sldg Dewat Bld Pwr Cond								
1	Sldg Dewat Bld Pwr Cond-L	17,554.00	17,554.00	.00	.00	17,554.00	100	.00	.00
		.00							
3	Sldg Dewat Bld Pwr Cond-M	9,283.00	9,283.00	.00	.00	9,283.00	100	.00	.00
		.00							
	Total Sldg Dewat Bld Pwr Cond	26,837.00	26,837.00	.00	.00	26,837.00	100	.00	.00
41310	Sldg Dewat Bld Pwr Cab								
1	Sldg Dewat Bld Pwr Cab-La	6,813.00	6,813.00	.00	.00	6,813.00	100	.00	.00
		.00							
3	Sldg Dewat Bld Pwr Cab-Ma	2,673.00	2,673.00	.00	.00	2,673.00	100	.00	.00
		.00							
	Total Sldg Dewat Bld Pwr Cab	9,486.00	9,486.00	.00	.00	9,486.00	100	.00	.00
41320	Sldg Dewat Bld Pwr Term								
1	Sldg Dewat Bld Pwr Term-L	8,661.00	8,661.00	.00	.00	8,661.00	100	.00	.00
		.00							
3	Sldg Dewat Bld Pwr Term-M	1,403.00	1,403.00	.00	.00	1,403.00	100	.00	.00
		.00							
	Total Sldg Dewat Bld Pwr Term	10,064.00	10,064.00	.00	.00	10,064.00	100	.00	.00
41330	Sldg Dewat Bld Equip								
1	Sldg Dewat Bld Equip-Labo	13,397.00	13,397.00	.00	.00	13,397.00	100	.00	.00
		.00							
3	Sldg Dewat Bld Equip-Mate	1,150.00	1,150.00	.00	.00	1,150.00	100	.00	.00
		.00							
	Total Sldg Dewat Bld Equip	14,547.00	14,547.00	.00	.00	14,547.00	100	.00	.00
41400	Control Rm Bra Cond								
1	Control Rm Bra Cond-Labor	13,859.00	13,859.00	.00	.00	13,859.00	100	.00	.00
		.00							
3	Control Rm Bra Cond-Mater	6,526.00	6,526.00	.00	.00	6,526.00	100	.00	.00
		.00							
	Total Control Rm Bra Cond	20,385.00	20,385.00	.00	.00	20,385.00	100	.00	.00
41410	Control Rm Bra Wire								
1	Control Rm Bra Wire-Labor	2,431.00	2,431.00	.00	.00	2,431.00	100	.00	.00
		.00							

Project # :

Invoice Number : 5003

Thru: 07/19/11

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	----WORK COMPLETED----		STORED MATERIALS	COMPLETED		BALANCE	
			PREVIOUS APPLICATION	THIS PERIOD		AND STORED TO DATE	%	TO FINISH	RETAINAGE
3	Control Rm Bra Wire-Mater	781.00	781.00	.00	.00	781.00	100	.00	.00
		.00							
	Total Control Rm Bra Wire	3,212.00	3,212.00	.00	.00	3,212.00	100	.00	.00
41420	Control Rm Equip								
1	Control Rm Equip-Labor	2,067.00	2,067.00	.00	.00	2,067.00	100	.00	.00
		.00							
3	Control Rm Equip-Material	631.00	631.00	.00	.00	631.00	100	.00	.00
		.00							
	Total Control Rm Equip	2,698.00	2,698.00	.00	.00	2,698.00	100	.00	.00
41430	Control Rm Ltg Cond								
1	Control Rm Ltg Cond-Labor	14,262.00	14,262.00	.00	.00	14,262.00	100	.00	.00
		.00							
3	Control Rm Ltg Cond-Mater	6,526.00	6,526.00	.00	.00	6,526.00	100	.00	.00
		.00							
	Total Control Rm Ltg Cond	20,788.00	20,788.00	.00	.00	20,788.00	100	.00	.00
41440	Control Rm Ltg Wire								
1	Control Rm Ltg Wire-Labor	2,431.00	2,431.00	.00	.00	2,431.00	100	.00	.00
		.00							
3	Control Rm Ltg Wire-Mater	781.00	781.00	.00	.00	781.00	100	.00	.00
		.00							
	Total Control Rm Ltg Wire	3,212.00	3,212.00	.00	.00	3,212.00	100	.00	.00
41450	Control Rm Ltg Fixt								
1	Control Rm Ltg Fixt-Labor	2,918.00	2,918.00	.00	.00	2,918.00	100	.00	.00
		.00							
3	Control Rm Ltg Fixt-Mater	9,336.00	9,336.00	.00	.00	9,336.00	100	.00	.00
		.00							
	Total Control Rm Ltg Fixt	12,254.00	12,254.00	.00	.00	12,254.00	100	.00	.00
	J o b T o t a l s	1007313.24	1002571.89	4,741.35	.00	1007313.24	100	.00	.00



Phone: 610-832-9097
 Fax : 610-941-8183

**** INVOICE ****

INVOICE DATE	INVOICE NUMBER
05/26/11	S3727010.001
REMIT TO: RUMSEY ELECTRIC CO. PO BOX 824429 PHILADELPHIA, PA 19182-4429	PAGE NO. 1 of 1

QUALITY & SERVICE - SINCE 1895

BILL TO:
 WILLIAM H. CLINGER CORPORATION
 736 BALTIMORE PIKE
 P.O. BOX 158
 CONCORDVILLE, PA 19331-0158

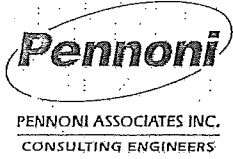
SHIP TO:
 WILLIAM H CLINGER CORP
 c/o RIDLEY CREEK WWTP
 1751 TOWNE DRIVE
 WEST CHESTER, PA 19380-6483

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
9246	RIDLEY CREEK		MARK HAGGERTY		
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
CHIP VANDEVE	BW - BEST WAY	2% 10th Prox Net EOM	05/26/11	04/26/11	
LN	DESCRIPTION	ORDER QTY	SHIP QTY	NET UNIT PRICE	NET AMOUNT
1	GE ENERGY LOT CONSISTING OF: 1 DAY OF SERVICE TO DIAGNOSE DRIVE AT THE RIDLEY CREEK WASTE WATER JOB	1	1	2100.00ea	2100.00
PLEASE NOTE OUR NEW REMITTANCE ADDRESS: RUMSEY ELECTRIC CO. PO BOX 824429 PHILADELPHIA, PA 19182-4429					

1. paid by 06/10/11 you may deduct \$42.00
 Payment is due by 06/30/11 net of any cash discount
 Refer to www.Rumsey.com/contactus/creditapp for Terms and Conditions
 Past due accounts are subject to a 1.5% per month service charge.

Subtotal	2100.00
S&H CHGS	0.00
Sales Tax	0.00
Amount Due	2100.00

S3727010.001



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 # : 478472
Invoice Date : 07/28/2011
Project : EGMA0707
Project Name : RCSTP Expansion

For Services Rendered through: 07/17/2011

Coordination with contractors and Township; Electrical contractor O&M submittal review; closeout document review; consultation with Township and PM regarding same. Troubleshooting and operations review. Investigation, documentation, meetings and support related to Electrical Contractor claims. On site time by Inspector for precast inspection and CIM repairs.

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	\$208,478.97		\$211,174.46	\$2,695.49
11 -- Precast Inspection	est.	\$1,000.00	\$847.50		\$1,222.50	\$375.00
Total :		<u>\$732,795.00</u>	<u>\$732,192.27</u>		<u>\$735,262.76</u>	<u>\$3,070.49</u>

Phase : 11 -- Precast Inspection

Labor Class	Hours/Units	Rate	Amount
Technical Specialist	5.00	75.00	375.00
Labor Total:	<u>5.00</u>		<u>\$375.00</u>

Phase Subtotal \$375.00

Amount Due This Invoice \$3,070.49

GKTS

Project: RCSTP Expansion and Upgrade
 Pennoni Job No.: EGMA0707
 Invoice No: 478472
 Invoice Period: 6/20/2011 to 7/17/2011

Initial Authorization:	\$ 465,000.00	Date:	8/14/2007
Changes:	\$ -	Date:	2/5/2009
Changes:	\$ 58,000.00	Date:	5/11/2009
Changes:	\$ 99,700.00	Date:	1/11/2010
Changes:	\$ 22,000.00	Date:	5/10/2010
Changes:	\$ 11,500.00	Date:	6/14/2010
Changes:	\$ 40,400.00	Date:	8/5/2010
Changes:	\$ 18,720.00	Date:	10/11/2010
Changes:	\$ 14,000.00	Date:	1/10/2011
Contract Amount:	\$ 729,320.00		
Previously Invoiced:	\$ 732,192.27		
Current Invoice:	\$ 3,070.49		
Invoiced to Date (\$):	\$ 735,262.76		
Invoiced to Date (%):	101%		
Remaining Budget (\$):	\$ (5,942.76)		
Remaining Budget (%):	-0.81%		

* Note: Calculations do not include Phase 50, which is billed on a time and material basis.

Budget by Phase:

Phase No. 10
 Phase Name: Continued Eng Svcs

Phase Budget:	\$ 99,700.00
Changes:	\$ 33,500.00
Changes:	\$ 40,400.00
Changes:	\$ 18,720.00
Changes:	\$ 14,000.00
Changes:	\$ 2,475.00
Contract Amount:	\$ 208,795.00
Previously Invoiced:	\$ 208,478.97
Current Invoice:	\$ 2,695.49
Invoiced to Date (\$):	\$ 211,174.46
Invoiced to Date (%):	101%
Remaining Budget (\$):	\$ (2,379.46)
Remaining Budget (%):	-2%

Comments: Coordination with contractors and Township;
 Electrical contractor O&M submittal review; closeout document review; consultation with Township and PM regarding same. Troubleshooting and operations review.
 Investigation, documentation, meetings and support related to Electrical Contractor claims.
 On site time by Inspector for precast inspection and CIM repairs.

Effort by Labor Category under Phase-10:

Category	Previous Hrs.	Current	Total Hrs.
Authority Engineer	241.00	29.25	270.25
Senior Engineer	446.00	3.00	449.00
Senior Designer	222.00	1.00	223.00
Project Engineer	183.50	8.00	191.50
Staff Engineer	13.50	0.00	13.50
Associate Engineer	85.50	0.00	85.50
Graduate Engineer	43.75	0.00	43.75
Project Representative/Inspector	2.50	0.00	2.50
Technical Specialist (McAloon)	1154.25	0.00	1154.25
Engineering Technician I	57.25	6.75	64.00
Administrative Assistant I	3.50	0.00	3.50
Totals	2452.75	48.00	2500.75

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
July 11, 2011

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday July 11, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, Dana Pizarro and Kevin Cummings. Also in attendance were: Rick Smith, Township Manager; Dan Barbato from Pennoni; Scott Towler from Brickhouse Environmental; William Ronyack (Miller Environmental); and Carmen Battavio, Township Supervisor.

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 - Lochwood 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

Efforts during June were largely focused on resolving warranty related issues and continued progress by both contractors to provide the necessary documentation required for project closeout.

On June 14, 2011, Chris Candy from Flyght (ITT Corporation) was on site to investigate the installation/mounting base for SBR No. 2 motive pump. The pump was shipped to Flyght's repair center in Malvern, PA. The cost of the repair is \$4,502.90. This repair is being pursued as a warranty item through Flyght Corporation.

Representatives from Clinger Corporation were on site during the month to address outstanding punch list and warranty items. Documentation for project close out was provided to Pennoni Associates, Inc. on July 5, 2011 for a review of completeness. Termination of the influent flow meter signal wire to the influent composite sampler remains outstanding. As requested, on July 8, 2011, Pennoni Associates provided Clinger Corporation with information contained within the contract specifications for the termination of this wire within the Siemens SBR control panel. Lastly, training for the general electric variable speed drives (vfds) has been scheduled for July 19, 2011 at 8:00 am.

Representatives from Dutchland were on site during the weeks of June 27th and July 5th to remove and replace the defective CIM liner and repair the corbels adjacent to the walkway. In addition, repairs to the lifting pins within the walkway were completed. On July 1st, the telescopic valve for sludge holding tank No. 1 was repaired. The final effluent flow signal wire to the final effluent was terminated. A representative from Hach will be on site during

1 the week of July 18th to program the sampler to function in flow proportioned mode.

2 Remaining warranty issues for Worth & Company include:

- 3 • Distribution conveyor motor
- 4 • Influent flow meter
- 5 • Top soil, final grading and seed are required around the sludge holding
- 6 tanks.
- 7 • Touch up paint is required on sludge holding tank hand rails
- 8 • Touch up paint on aeration tank piping on the sludge holding tanks
- 9 • Screen building seam at cast-in-place concrete and block water requires
- 10 water proofing on exterior of the building

11 The wastewater treatment operation and maintenance service provider discontinued the
12 addition of sodium hypochlorite to the SBRs. Addition of sodium hydroxide solution was
13 initiated during June to assist with improving settleability as well as providing supplemental
14 alkalinity for the nitrification process. Beginning the week of July 5th, the addition of
15 aluminum sulfate to the SBRs during the pre-settle phase was initiated to assist with
16 improving settleability. The treatment facility remains in compliance with the NPDES
17 permit.

18
19 The treatment system experienced a loss of nitrification resulting in elevated ammonia as
20 nitrogen concentrations in the final effluent. Measures to restore nitrification were
21 implemented and nitrification was restored during the week of May 31st. Measures to
22 improve the settleability of the SBR activated sludge have been implemented to reduce
23 solids loss through the effluent.

24
25 The Pennsylvania Department of Environmental Protection Water Quality
26 Specialist/Inspector continues to routinely visit the facility and maintain communication
27 with wastewater treatment operation and maintenance service provider. The SBR treatment
28 process is functioning on a 7 hour treatment cycle as opposed to the design of 6 hours. As a
29 result of poor settleability, a settle time of 100 minutes as compares to the design time of 60
30 minutes has been implemented to prevent excessive solids loss through the effluent. In
31 addition, the influent fill time has been increased from 120 minutes to 140 minutes to offset
32 the extended settle time. The influent fill rate has been decreased from 520 gpm to 440 gpm
33 to assist in reducing organic loading to the SBRs as a result of the extended influent fill
34 time. In consideration of the poor settleability, planned 14-day SBR performance test and
35 demonstration of a minimum of two consecutive months of compliance with the new
36 NPDES permit, the new wastewater treatment permit discharge limitations are anticipated to
37 be delayed until November 2011.

38
39 The project remains substantially complete with final closeout pending.

40
41 **B. Pennoni** – Dan Barbato, reported the following:

42 **RCSTP Upgrade and Expansion**

- 43 • Construction phase services continue with punch list monitoring, review of operations
44 and maintenance submittals and as-built plans, troubleshooting, and coordination with
45 the Project Manager and the Township.
- 46
47 • A breakdown of effort expended over the past month by Pennoni is provided with the
48 invoice detail under separate cover.
- 49

- 1 • Worth and Company and Clinger Corporation have completed their punch list with the
2 exception of a few minor items. Paper and CAD as-builts, and electronic copies of
3 O&M manuals were received from Worth. Clinger has not submitted O&Ms or as
4 builts. The Project Manager sent a second letter of notice to Clinger on June 22
5 regarding lack of progress toward closeout documents. Pennoni provided clarification
6 to Clinger's comments on the letter and provided confirmation that Clinger has received
7 paper copies of plans for markup.
8
- 9 • Matt McAloon of Pennoni was present to observe the liner repairs to the interior of
10 SBR#2 on June 29.

11 I / I Metering Project

- 12 • The Township continues to meter flows at selected locations. A new program for
13 monitoring meter data is starting up. Meters are in operation in locations as
14 recommended and two meters will be moved to new locations. Significant progress
15 is being made to reduce infiltration and inflow.
16
17

18 Ridley Creek Consent Order

- 19 • The next report is due in September. No comments were received from DEP on the
20 March report.
21

22 LCSTP Elimination, Hershey Mill PS Diversion, Reserve PS Elimination Planning

- 23 • DEP believes that sludge can be left in the ponds if properly handled and deemed
24 non-hazardous. DEP will obtain confirmation from their Waste Management
25 Division to confirm this determination. Pennoni is developing a closure plan for
26 DEP review and comment.
27
- 28 • Public Works probed the aeration pond and provided sludge depth measurements.
29
- 30 • The proposed sewer route was staked and the Authority met with the affected
31 property owners. Minor adjustments were made to the alignment.
32
- 33 • Existing conditions plans are complete and grading design is in progress.
34

35 Hershey Mill PS Diversion, Reserve PS Elimination Planning

- 36 • DEP approved the pump station diversions on June 6. The Reserve pump station
37 conveys sewage to Hershey Mill, which pumps to West Goshen. Both pump stations
38 will be decommissioned and sewage diverted into the East Goshen Ridley Creek
39 gravity sewer system. A proposal for engineering services is provided under
40 separate cover.
41

42 Marydell PS Elimination Planning

- 43 • The report for the Act 537 Plan Revision was submitted to the DEP in April. No
44 comments have been received from DEP at the time of this report.
- 45 • The 60-day review period for agency reviews (CCHD, Planning Commissions,
46 Sewer Authorities) expired on June 18. After this date, the plan can proceed without
47 these reviews.
- 48 • The required 60-day public notice for the project was posted on June 24.
49
50

1 Applebrook Spray Irrigation NPDES Permit Renewal

- 2 • The NPDES discharge permit was submitted to DEP on June 15. DEP sent a letter
3 confirming that the application is administratively complete and is undergoing
4 technical review.
5

6 Chapter 94 Reports

- 7 • DEP provided several comments on the Ridley creek Chapter 94 Report. We will
8 work with the Authority to respond to the comments and questions.

9 Dan mentioned that since this report was prepared, Pennoni has received documents from
10 Worth & Co.

11 Dana asked about what is being done with OMs. Rick explained that he asked Scott to go
12 through the manuals and summarize the equipment and procedures for operating and
13 maintaining it, which includes a schedule for testing.
14

15 C. Miller Environmental Report

16 Bill Ronyack reported the following for June 2011:

17 Routine Operation & Maintenance Activities

- 18 • Daily sampling, testing, and inspections for permit compliance
19 • Routine daily testing for process optimization
20 • Microscopic exams are good
21 • UV Ballast replaced and working
22 • G.E. scheduled training July 19
23

24 Non-Routine Operations & Maintenance Activities

- 25 • Alarm responses dropping
26 • Quarterly well reporting
27 • Nitrification reestablished
28 • SBR#2 off-line
29 • Flow signals being modified for sampling permit compliance
30 • Alum feed MP32 being adjusted
31 • Centrifuge conveyor motor needs repair
32 • Lochwood spray system tripping-out at night
33 • Magnesium Hydroxide being evaluated
34

35 Summary of Influent Flow – Ridley Creek

- 36 • AVERAGE: 198,000 gallons
37 • MAXIMUM: 242,000 gallons
38

39 Summary of Lochwood Chase Flow

- 40 • Average 8,500 gallons per day
41

42 Permit Compliance

- 43 • Ridley had a value of 15 mg/L for ammonia and the monthly limit is 4. The plant
44 has since reestablished nitrification, as noted in last month's report.
45 • Lochwood had a value of 37 mg/L CBOD and the monthly limit is 25. Disinfection
46 has been adjusted.

47 Bill explained that the permit for Ridley Creek comes in 2 phases, intermediate and final. It
48 is posted at the plant.
49
50

1 D. Cost Summary Report

2 None

3
4 E. Change Orders

5 None

6
7 **3. RCSTP INVOICES**

8 A. Brickhouse Environmental, #6004, \$5,520.00. Kevin moved to approve payment. Jack
9 seconded the motion. There was no further discussion. The motion passed unanimously.

10 B. Ryerson #93064709, \$2,839.39. Fran moved to approve payment. Dana seconded the
11 motion. There was no further discussion. The motion passed unanimously.

12 C. Grainger #9559020087, \$1,968.46. Dana moved to approve payment. Jack seconded
13 the motion. There was no further discussion. The motion passed unanimously.

14 D. Gawthrop #90002, \$455.00. Rick explained that invoices #89644 & 89645 should not
15 be paid. Dana moved to approve payment. Fran seconded the motion. There was no further
16 discussion. The motion passed unanimously.

17 E. Aqua Wasterwater #123232, \$6,169.22. Fran moved to approve payment. Jack
18 seconded the motion. There was no further discussion. The motion passed unanimously.

19 F. Pennoni, #475436, \$847.50. Fran moved to approve payment. Kevin seconded the
20 motion. There was no further discussion. The motion passed unanimously.

21 G. Pennoni #475438, \$660.00. Dana moved to approve payment. Fran seconded the
22 motion. There was no further discussion. The motion passed unanimously.

23 H. Pennoni #475439, \$1,480.00. Jack moved to approve payment. Dana seconded the
24 motion. There was no further discussion. The motion passed unanimously.

25 I. Pennoni, #475440, \$9,865.75. Fran moved to approve payment. Jack seconded the
26 motion. There was no further discussion. The motion passed unanimously.

27 J. Rumsey #S3727010.001, \$2,100.00. Rick explained that this invoice is included in the
28 William H Clinger WO 2770. No action is needed.

29 K. William H Clinger, Corp. WO #2770 \$2,890.00 and WO #2775 \$631.43. Payment of
30 these was tabled.

31
32 **4. CHAIRMAN'S REPORT**

33 None.

34
35 **5. APPROVAL OF MINUTES**

36 A. Jack moved to approve the minutes of the June 13, 2011 meeting as corrected. Fran
37 seconded the motion. The motion passed unanimously.

38
39 **6. APPROVAL OF INVOICES**

40 A. Gawthrop #90001, \$1,083.00. Dana moved to approve payment. Jack seconded the
41 motion. There was no further discussion. The motion passed unanimously.

42
43 **7. LIAISON REPORTS**

44 A. Board of Supervisors – Carmen thanked everyone who participated either by donation
45 or helping at the Community Day.

46 Before the BOS meeting tomorrow at 7:00 pm, they are going to set up a ladder fire truck
47 behind the Township Building, then put some balloons on it to simulate what 150 feet would
48 look like. The estimate for annual revenue from the proposed cell tower is \$55,000.00 per
49 year for the first ten years.

1 **8. FINANCIAL REPORTS**

2 Financial reports were reviewed.

3
4 **9. OLD BUSINESS**

5 None

6
7 **10. GOALS**

8 A. Fall Newsletter – Jack will prepare an article.

9
10 **11. NEW BUSINESS**

11 A. A letter was received from Pennoni for projected fees of \$1,500.00 to reach July 31,
12 2011. Action on this was tabled. Rick feels closeout will probably be September. Joe
13 asked Dan for an estimate through September 30, 2011 which should include the projection
14 for the rest of July.

15 B. Pennoni's Proposal for Professional Services – Hershey Mill and Reserve Pump Station
16 Diversions Design and Permitting totaling \$60,200.00 was discussed. This is 20% less than
17 the original proposal. Rick mentioned that 50% of the funds are in the Capital Budget, the
18 other 50% could be borrowed. Jack moved to approve the Pennoni Proposal totaling
19 \$60,200.00. Dana seconded the motion. There was no further discussion. The motion
20 passed unanimously.

21
22 **12. CAPACITY REQUESTS**

23 None

24
25 **13. SEWER REPORTS**

26 A. Rick reported there was a problem at Marydell this past Saturday.

27
28 **14. ANY OTHER MATTER**

29 None

30
31 **15. CORRESPONDENCE**

32 None

33
34 **16. PUBLIC COMMENT**

35 None

36
37 **17. ADJOURNMENT**

38 At 8:15 pm, the Authority went into Executive Session. At 8:30 pm they adjourned from
39 Executive Session and Jack moved to adjourn the regular meeting. Dana seconded the
40 motion. The meeting was adjourned at 8:30 p.m.

41
42 Respectfully submitted,

43
44
45 Ruth Kiefer, Recording Secretary



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

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 # : 478476
Invoice Date : 07/28/2011
Project : EGMA1105
Project Name : LCSTP Final Design & Permitting

For Services Rendered through: 07/17/2011

Prepare design plans, initial NPDES stormwater design, set up NPDES pre-application meeting with CCCD, coordinate with PA one-call utilities, outline DEP closure plan, research in-place abandonment of sludge, estimate lagoon sludge and water volumes, and coordinate with R. Smith for sewer routing meetings with property owners.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	6,321.25
Expense :	0.00
Phase Total :	6,321.25

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

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

Labor :	772.50
Expense :	0.00
Phase Total :	772.50

Phase : 5 -- Water Quality Mgmt Part 2 Permit

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

Labor :	512.50
Expense :	0.00
Phase Total :	512.50

Amount Due This Invoice

\$7,606.25

Fee :	77,800.00
Prior Billings :	10,160.75
Current Billings :	7,606.25
Total Billings :	17,767.00

OK R1

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

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	3.25	110.00	357.50
Project Engineer	12.75	90.00	1,147.50
Associate Engineer	36.00	80.00	2,880.00
Engineering Technician II	5.00	72.00	360.00
Engineering Technician I	24.25	65.00	1,576.25
Labor Total:	81.25		6,321.25

Total Phase : 1 -- Design	Labor :	\$6,321.25
	Expense :	\$0.00

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

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Project Engineer	1.25	90.00	112.50
Associate Engineer	8.25	80.00	660.00
Labor Total:	9.50		772.50

Total Phase : 4 -- NPDES (E&SPC) Permitting	Labor :	\$772.50
	Expense :	\$0.00

Phase : 5 -- Water Quality Mgmt Part 2 Permit

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	2.75	110.00	302.50
Project Engineer	1.00	90.00	90.00
Associate Engineer	1.50	80.00	120.00
Labor Total:	5.25		512.50

Total Phase : 5 -- Water Quality Mgmt Part 2 Permit	Labor :	\$512.50
	Expense :	\$0.00

Total Project : EGMA1105 -- LCSTP Final Design & Permitting	Labor :	\$7,606.25
	Expense :	\$0.00

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 7-28-2011

Project: EGMA1105
Pennoni Job No.: LCSTP Final Design & Permitting
Invoice No: 478476
Invoice Period: 6/20/2011 to 7/17/2011
Initial Authorization: \$ 77,800.00 **Date:** 5/5/2011
Contract Amount: \$ 77,800.00
Previously Invoiced: \$ 10,160.75
Current Invoice: \$ 7,606.25
Invoiced to Date (\$): \$ 17,767.00
Invoiced to Date (%): 23%
Remaining Budget (\$): \$ 60,033.00
Remaining Budget (%): 77%

Budget by Phase:

Phase No. ****
Phase Name: Reservoir Rd PS
Cost Estimate
Phase Budget: \$ 77,800.00
Previously Invoiced: \$ 10,160.75
Current Invoice: \$ 7,606.25
Invoiced to Date (\$): \$ 17,767.00
Invoiced to Date (%): 23%
Remaining Budget (\$): \$ 60,033.00
Remaining Budget (%): 77%

Comments: Prepare design plans, initial NPDES stormwater design, set up NPDES pre-application meeting with CCCD, coordinate with PA one-call utilities, outline DEP closure plan, research in-place abandonment of sludge, estimate lagoon sludge and water volumes, and coordinate with R. Smith for sewer routing meetings with property owners.



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 # : 478475
Invoice Date : 07/28/2011
Project : EGMA1102
Project Name : 2011 COA Reports

For Services Rendered through: 07/17/2011

Review June sewer meter data, provide comments, generate charts.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	282.50
Expense :	0.00
Phase Total :	282.50

Amount Due This Invoice

\$282.50

Fee :	11,000.00
Prior Billings :	4,762.50
Current Billings :	282.50
Total Billings :	5,045.00

Phase : **** -- Professional Services

Labor Class	Hours/Units	Rate	Amount
Project Engineer	0.25	90.00	22.50
Associate Engineer	3.25	80.00	260.00
Labor Total:	3.50		282.50

Total Phase : **** -- Professional Services

Labor :	\$282.50
Expense :	\$0.00

Total Project : EGMA1102 -- 2011 COA Reports

Labor :	\$282.50
Expense :	\$0.00

OKPS

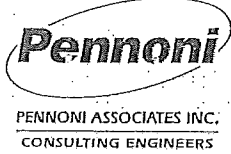
East Goshen Municipal Authority
EGMA1102 Invoice Summary.xlsx
Invoice Date 7-28-2011

Project: 2011 COA Reports
Pennoni Job No.: EGMA 1102
Invoice No: 478475
Invoice Period: 6/20/2011 to 7/17/2011
Initial Authorization: \$ 11,000.00 **Date:** 12/13/2010
Contract Amount: \$ 11,000.00
Previously Invoiced: \$ 4,762.50
Current Invoice: \$ 282.50
Invoiced to Date (\$): \$ 5,045.00
Invoiced to Date (%): 46%
Remaining Budget (\$): \$ 5,955.00
Remaining Budget (%): 54%

Budget by Phase:

Phase No. ****
Phase Name: 2011 COA Reports
Phase Budget: \$ 11,000.00
Previously Invoiced: \$ 4,762.50
Current Invoice: \$ 282.50
Invoiced to Date (\$): \$ 5,045.00
Invoiced to Date (%): 46%
Remaining Budget (\$): \$ 5,955.00
Remaining Budget (%): 54%

Comments: Review June sewer meter data, provide comments, generate charts.



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 #: 478474
 Invoice Date: 07/28/2011
 Project: EGMA1100
 Project Name: 2011 Annual Services

For Services Rendered through: 07/17/2011

June Engineer's Report and Authority Meeting, project cost estimating and scope of work development.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	965.00
Expense :	0.00
Phase Total :	965.00

Amount Due This Invoice

\$965.00

Fee :	10,000.00
Prior Billings :	8,590.00
Current Billings :	965.00
Total Billings :	9,555.00

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	5.50	110.00	605.00
Project Engineer	4.00	90.00	360.00
Labor Total:	9.50		965.00

Total Phase : **** -- Professional Services

Labor :	\$965.00
Expense :	\$0.00

Total Project : EGMA1100 -- 2011 Annual Services

Labor :	\$965.00
Expense :	\$0.00

OIC 123

East Goshen Municipal Authority
EGMA1100 Invoice Summary.xlsx
Invoice Date 07-28-2011

Project: 2011 Annual Services
Pennoni Job No.: EGMA 1100
Invoice No: 478474
Invoice Period: 6/20/2011 to 7/17/2011
Initial Authorization: \$ 10,000.00 **Date:** 12/13/2010
Contract Amount: \$ 10,000.00
Previously Invoiced: \$ 8,590.00
Current Invoice: \$ 965.00
Invoiced to Date (\$): \$ 9,555.00
Invoiced to Date (%): 96%
Remaining Budget (\$): \$ 445.00
Remaining Budget (%): 4%

Budget by Phase:

Phase No. ****
Phase Name: 2011 Annual Services
Phase Budget: \$ 10,000.00
Previously Invoiced: \$ 8,590.00
Current Invoice: \$ 95.00
Invoiced to Date (\$): \$ 8,685.00
Invoiced to Date (%): 87%
Remaining Budget (\$): \$ 1,315.00
Remaining Budget (%): 13%

Comments: June Engineer's Report & Authority Meeting.,
project cost estimating and scope of work development.

**2011
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
AUGUST 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.
2. Invite Board of Supervisors and all other ABC members to tour the plant.
3. Open House at the RCSTP
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. Notice in Daily Local News for public comment 6/11.
4. Obtain construction permits, solicit bids and start construction of the Marydell PS Abandonment project.

Prepared by/Return to:

Robert F. Adams, Esquire
POB 562
West Chester, PA 19381-0562

UPI #

SEWER CONNECTION AGREEMENT

THIS AGREEMENT, made the _____ day of _____, 2011, by and between **EAST GOSHEN MUNICIPAL AUTHORITY** (hereinafter "Authority") and *GEORGE S. BEVELLY, JR.* (hereinafter "Owner"),

WITNESSETH:

WHEREAS, Owner is the record owner of real property located in East Goshen Township, Chester County, Pennsylvania, located at *1404 Pine Rock Road*, being the above-identified tax parcel, having been acquired by deed recorded in the office of the Recorder of Deeds in and for Chester County, Pennsylvania, in Book _____, page _____ (hereinafter called "Property"); and

WHEREAS, Authority has installed in the neighborhood in which the Property is a part a sewage collection system referred to as the Pine Rock Sewer Project (hereinafter "Project"), which Project has been made part of the East Goshen Township sewer system which is owned by Authority and leased to East Goshen Township (hereinafter "Township"); and

WHEREAS, the estimated cost to each of the homes required to be connected to the Project is Four Thousand Eight Hundred Eighty-Five Dollars (\$4,885) for the connection cost, plus a tapping fee of Two Thousand Dollars (\$2,000), both of which amounts are due and payable to the Authority; and

WHEREAS, Authority has made available to Owner the option of paying for the connection cost of Four Thousand Four Hundred Eighty-Five Dollars (\$4,885) in quarterly installments over a period of twenty (20) years upon the terms and conditions set forth in the Installment Note attached hereto and made a part hereof; and

WHEREAS, Owner is entering into this Agreement to indicate Owner's legal obligation to make connection of the Property to the sewer system when directed to do so by the Authority and to pay the required connection fee, tapping fee and inspection fee for the Property upon the terms and conditions which follow.

NOW, THEREFORE, in consideration of the premises and the undertakings and promises hereinafter set forth, Owner agrees and declares that the Property shall be held, transferred, leased, sold, conveyed and occupied subject to the covenants, conditions, restrictions, charges and liens hereinafter set forth.

1. **Property Subject to Agreement.** The Property that is subject to the provisions of this Agreement and which, therefore, may be held, transferred, sold, conveyed and occupied subject to the obligations, covenants and restrictions hereinafter set forth, consists of the Property identified above.
2. **Number of Sewer Connections.** For all purposes under this Agreement, the term "sewer connection" shall be meant and intended to refer to the connection of the existing home on the Property which Owner agrees to connect to the sewer system when directed to do so by the Authority. Owner further agrees to pay all fees associated with the connection of the Property to the sewer system.
3. **Required Payments.** Owner agrees to pay to the Authority the connection fee of Four Thousand Four Hundred Eighty-Five Dollars (\$4,885) and the tapping fee of Two Thousand Dollars (\$2,000). In addition, the Owner agrees to pay East Goshen Township an inspection fee in the amount of Sixty Dollars (\$60). Owner has elected to sign the Installment Note attached hereto and marked Exhibit "A" in lieu of full payment of the connection fee. Owner agrees to sign the Note and return the checks in the respective amounts of Two Thousand Dollars (\$2,000) to the Authority and Sixty Dollars (\$60) to the Township prior to the connection to the sewer system.
4. **Future Connections by Owner.** It is agreed and understood by the Owner that the cost per connection payable hereunder is offered only for a single sewer connection for the Property. If the Owner requires a future sewer connection for which payment has not been made as provided for herein, a sewer connection fee, as calculated at that time, shall be payable.
5. **Remedies of Authority and Township.** Owner agrees and acknowledges that in the event Owner has not paid to the Authority the required sewer connection fee within sixty (60) days of notification, in accordance with terms of this Agreement, or defaults in the payment of any installment payable or balance due in accordance with the terms of this Agreement and the Installment Note attached hereto, the Authority and/or the Township shall have all rights under the Municipal Claim and Tax Lien Law, the Second Class Township Code and the Municipality Authorities Act to file and recover a municipal claim against the Property for each sewer connection fee or remainder thereof agreed to be paid by the Owner, together with allowed interest, penalties and costs upon the unpaid connection fee due, irrespective of the distance of the Property from the sewer system. The Owner hereby waives all applicable statutory time limits for the filing of municipal claims upon the Property.
6. **Recording.** The parties agree that this Agreement shall be recorded in the office of the Recorder of Deeds of Chester County, Pennsylvania.

7. **Binding Effect.** This Agreement shall bind and inure to the benefit of the parties hereto, their heirs, executors, successors and assigns.

IN WITNESS WHEREOF, the parties have executed this Sewer Connection Agreement the day and year first above written.

ATTEST:

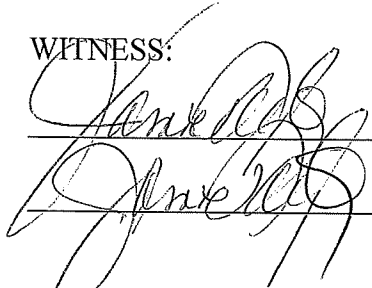
EAST GOSHEN MUNICIPAL
AUTHORITY

Secretary

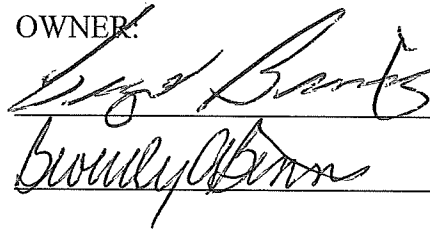
By:

Chairman

WITNESS:



OWNER:



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/herself 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 notarial seal.

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER

ON THIS, the 9th day of May, 2011, before me, a notary public in and for said County and Commonwealth, personally appeared George P + Beverly A. Binns, known to me (or satisfactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he/she/they executed the same for the purposes therein contained.

WITNESS my hand and notarial seal.

COMMONWEALTH OF PENNSYLVANIA
JAMIE TAYLOR, NOTARY PUBLIC
EAST GOSHEN TWP, CHESTER COUNTY
MY COMMISSION EXPIRES MARCH 17, 2014

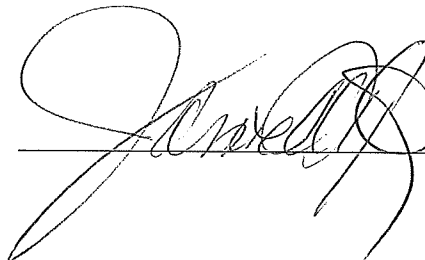


EXHIBIT "A"

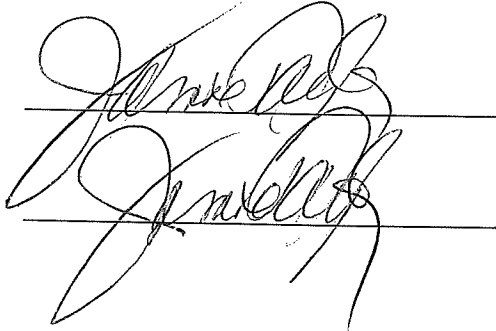
INSTALLMENT NOTE

FOR VALUE RECEIVED, Owner, jointly and severally, promises to pay to the order of **EAST GOSHEN MUNICIPAL AUTHORITY**, the sum of Four Thousand Eight Hundred Eighty-Five Dollars (\$4,885), together with interest at the annual rate of six percent (6%), as payment of the balance of the connection fee for the real property located in East Goshen Township at _____ (hereinafter "Property").

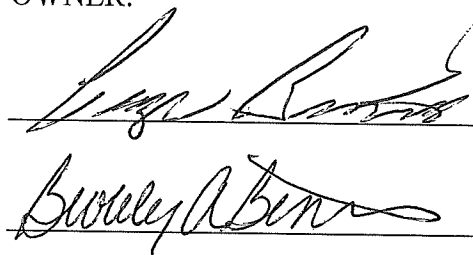
The principal and interest shall each be payable together in eighty (80) equal successive quarterly installments of combined principal and interest in the aggregate amount of One Hundred Five Dollars (\$105) each, plus an administrative fee of Three Dollars (\$3.00) each quarter. The first installment shall be paid on _____, and subsequent installments shall be paid on the same day of each succeeding calendar quarter until all payments have been made. Each payment shall be credited first to the interest then due. The remainder of each payment shall then be credited to the outstanding principal and interest. A late payment fee of Twenty-Five Dollars (\$25) shall be imposed for each quarterly payment not paid when due. Owner shall have the right to pay the entire balance due at any time without penalty. The entire principal balance and accrued interest shall be payable in full upon any transfer of title of the Property by sale, gift, devise, mortgage, foreclosure, judicial sale or transfer by operation of law, to East Goshen Municipal Authority.

WITNESS my/our hand(s) this 9th day of May, 2011.

WITNESS:



OWNER:



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

August 5, 2011

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

Meters: The meters were calibrated in July. The portable flow meters were read on a bi-weekly basis with no problems to report.

C.C. Collection: The Pumping stations were visited on a daily basis with no problems to report. When we had the problems last month at the Marydell station, we found the collection line on Wilson Drive has deteriorated, we will be televising the lines next week.

Lochwood Plant: Minor repairs were done to the grinder. We did some work with the engineer to gather sludge for testing.

R.C. Collection: The pumping station was checked on a daily basis with no problems to report.

Ridley Plant: The public works department assisted the plant operator with spraying the foam on the tanks. Two weeks ago Scott Towler ~~and i met with the plant operator to discuss the operation of~~ the SBR. Scott reviewed the data and recommended that the operator consider changing aeration time on each SBR. Once agreed that there would not be any changes to the operation

unless all three agreed. I'm happy to report that the changes have made a significant difference I the effluent.

Alarms: We responded to 25 alarms during the month of July.

PA One Calls: The Public Works Dept. responded to 130 PA One Calls.

2008 FLOWMETERS

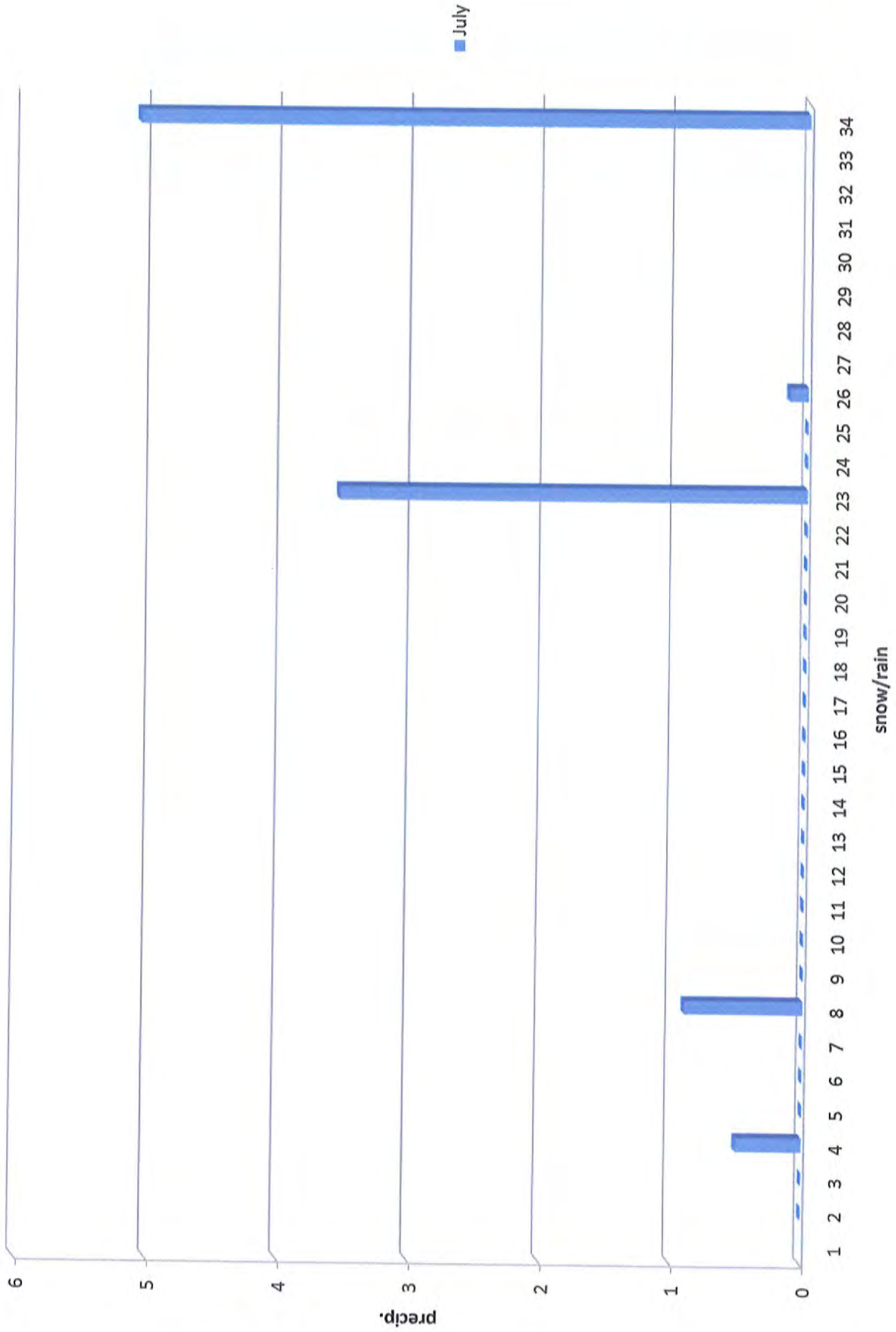
2011 JULY 3RD QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION																	
Precip inches	DATE	WESTTOWN WAY			ELLIS LANE			PAOLI PIKE			WILSON DRIVE			SUMMIT		NET FLOWS	DATE
		READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	GPD	GPD		
0.00	07/01/11														20,400	0	07/01/11
0.00	07/02/11														20,400	0	07/02/11
0.50	07/03/11														20,400	0	07/03/11
0.00	07/04/11														20,400	0	07/04/11
0.00	07/05/11	2,152,642	1,024,250	19,489,388	114,163	10,259,923	62,193	11,866,296	76,370	20,400	771,524	20,400	771,524	20,400	771,524	07/05/11	
0.00	07/06/11	2,153,681	1,039,000	19,500,355	109,670	10,265,926	60,030	11,877,272	109,760	20,400	759,540	20,400	759,540	20,400	759,540	07/06/11	
0.90	07/07/11	2,154,726	1,045,000	19,511,426	110,710	10,272,282	63,560	11,888,166	108,940	20,400	761,790	20,400	761,790	20,400	761,790	07/07/11	
0.00	07/08/11	2,156,100	1,374,000	19,527,779	163,530			11,896,689	85,230	20,400	1,125,240	20,400	1,125,240	20,400	1,125,240	07/08/11	
0.00	07/09/11													20,400	0	07/09/11	
0.00	07/10/11													20,400	0	07/10/11	
0.00	07/11/11	2,159,113	1,004,333	19,562,619	116,133	10,298,436	65,385	11,916,354	65,550	20,400	757,265	20,400	757,265	20,400	757,265	07/11/11	
0.00	07/12/11	2,160,199	1,086,000	19,574,194	115,750	10,304,898	64,620	11,925,876	95,220	20,400	810,410	20,400	810,410	20,400	810,410	07/12/11	
0.00	07/13/11	2,161,250	1,051,000	19,585,446	112,520	10,311,580	66,820	11,934,041	81,650	20,400	790,010	20,400	790,010	20,400	790,010	07/13/11	
0.00	07/14/11	2,162,277	1,027,000	19,596,501	110,550	10,317,970	63,900	11,942,342	83,010	20,400	769,540	20,400	769,540	20,400	769,540	07/14/11	
0.00	07/15/11	2,163,328	1,051,000	19,608,154	116,530	10,324,162	61,920	11,949,953	76,110	20,400	796,440	20,400	796,440	20,400	796,440	07/15/11	
0.00	07/16/11													20,400	0	07/16/11	
0.00	07/17/11													20,400	0	07/17/11	
0.00	07/18/11	2,166,178	950,000	19,640,835	108,937	10,342,295	60,443	11,964,499	48,487	20,400	732,133	20,400	732,133	20,400	732,133	07/18/11	
0.00	07/19/11	2,167,215	1,037,000	19,651,558	107,230	10,348,167	58,720	11,973,054	85,550	20,400	785,500	20,400	785,500	20,400	785,500	07/19/11	
0.00	07/20/11	2,168,265	1,050,000	19,662,467	109,090	10,353,124	49,570	11,982,514	94,600	20,400	796,740	20,400	796,740	20,400	796,740	07/20/11	
0.00	07/21/11	2,169,319	1,054,000	19,673,647	111,800	10,358,150	50,260	11,991,587	90,730	20,400	801,210	20,400	801,210	20,400	801,210	07/21/11	
0.00	07/22/11	2,170,380	1,061,000	19,684,781	111,340	10,363,082	49,320	12,000,571	89,840	20,400	810,500	20,400	810,500	20,400	810,500	07/22/11	
0.00	07/23/11													20,400	0	07/23/11	
0.00	07/24/11													20,400	0	07/24/11	
3.57	07/25/11	2,173,344	988,000	19,718,477	112,320	10,380,033	56,503	12,019,798	64,090	20,400	755,087	20,400	755,087	20,400	755,087	07/25/11	
0.00	07/26/11	2,174,697	1,353,000	19,733,273	147,960	10,387,662	76,290	12,031,299	115,010	20,400	1,013,740	20,400	1,013,740	20,400	1,013,740	07/26/11	
0.00	07/27/11	2,175,799	1,102,000	19,745,423	121,500	10,393,825	61,630	12,042,685	113,860	20,400	805,010	20,400	805,010	20,400	805,010	07/27/11	
0.14	07/28/11	2,176,858	1,059,000	19,756,794	113,710	10,399,978	61,530	12,052,208	95,230	20,400	788,530	20,400	788,530	20,400	788,530	07/28/11	
	07/29/11	2,177,873	1,015,000	19,767,910	111,160	10,406,026	60,480	12,061,410	92,020	20,400	751,340	20,400	751,340	20,400	751,340	07/29/11	
	07/30/11													20,400	0	07/30/11	
	07/31/11													20,400	0	07/31/11	
5.11			1,072,136		117,084		57,536		87,961		809,555	20,400	809,555				
					DAILY LOC	INQUIRER	EG TWP										
		MONTH TO DATE					5.11										
		NORMAL MONTH TO DATE					29										
		YEAR TO DATE															
		NORMAL YEAR TO DATE															

2011 SUMMARY OF METER READINGS

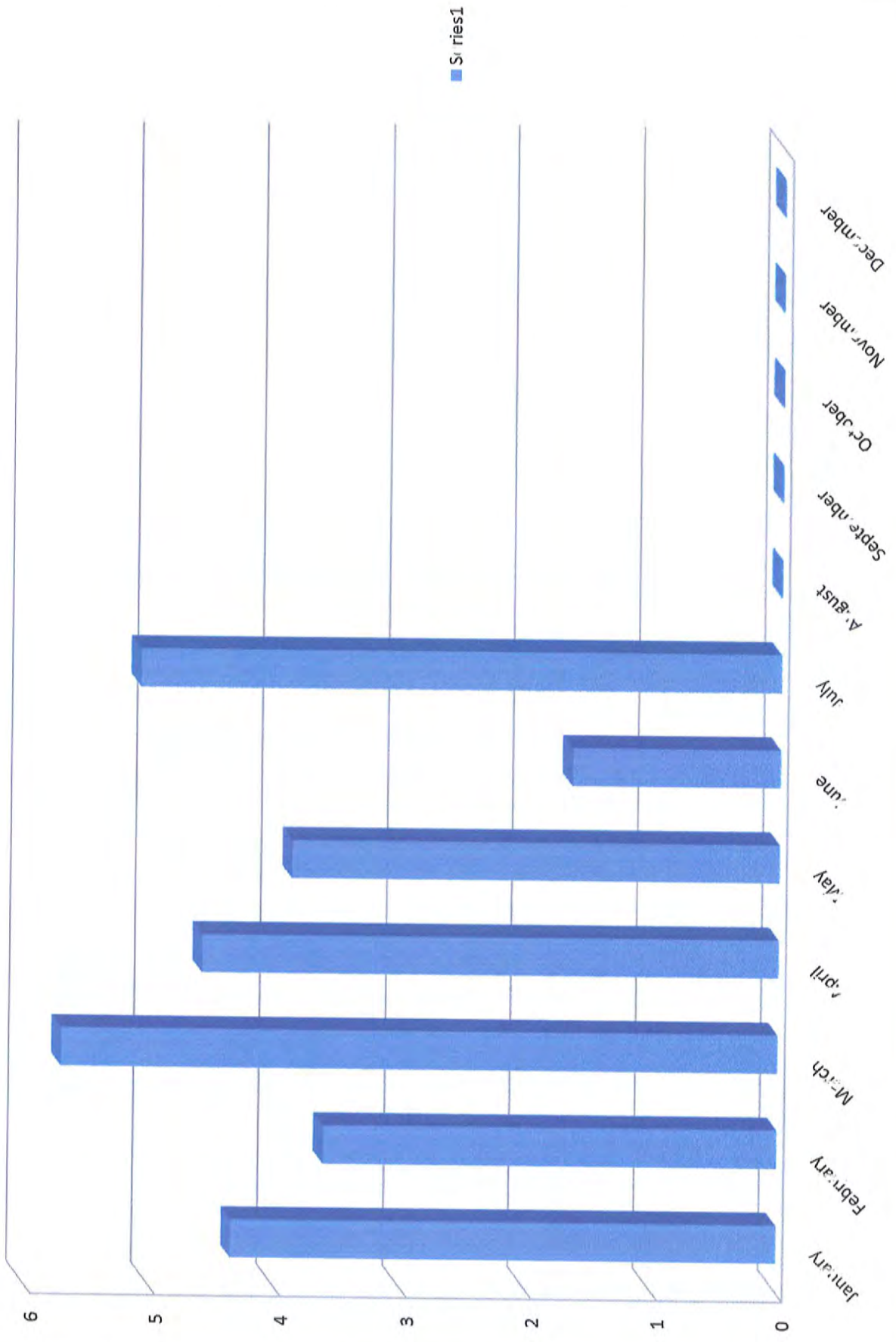
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT MILL	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,081,404	97,651	47,105	57,700	20,400	53,493	62,585	278,133	701,586	5,463	11,131
FEBRUARY	1,292,596	149,342	63,312	71,587	20,400	58,624	77,370	309,956	793,370	5,474	11,651
MARCH	1,481,027	147,579	69,796	65,367	20,400	88,101	116,511	298,938	943,470	5,812	13,905
APRIL	1,413,164	162,664	70,023	64,082	20,400	72,199	105,867	359,818	911,601	5,832	12,076
MAY	1,333,439	153,742	74,669	62,324	20,400	66,543	93,515	339,305	880,112	6,280	11,889
JUNE	1,149,889	129,569	65,905	74,655	20,400	60,461	53,338	320,685	785,600	5,202	8,636
JULY	1,072,136	117,084	57,536	87,961	20,400	51,696	56,535	275,843	671,609	5,272	9,183
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,260,522	136,804	64,049	69,097	20,400	64,445	80,817	311,811	812,478	5,619	11,210

To
West Goshen 990,572

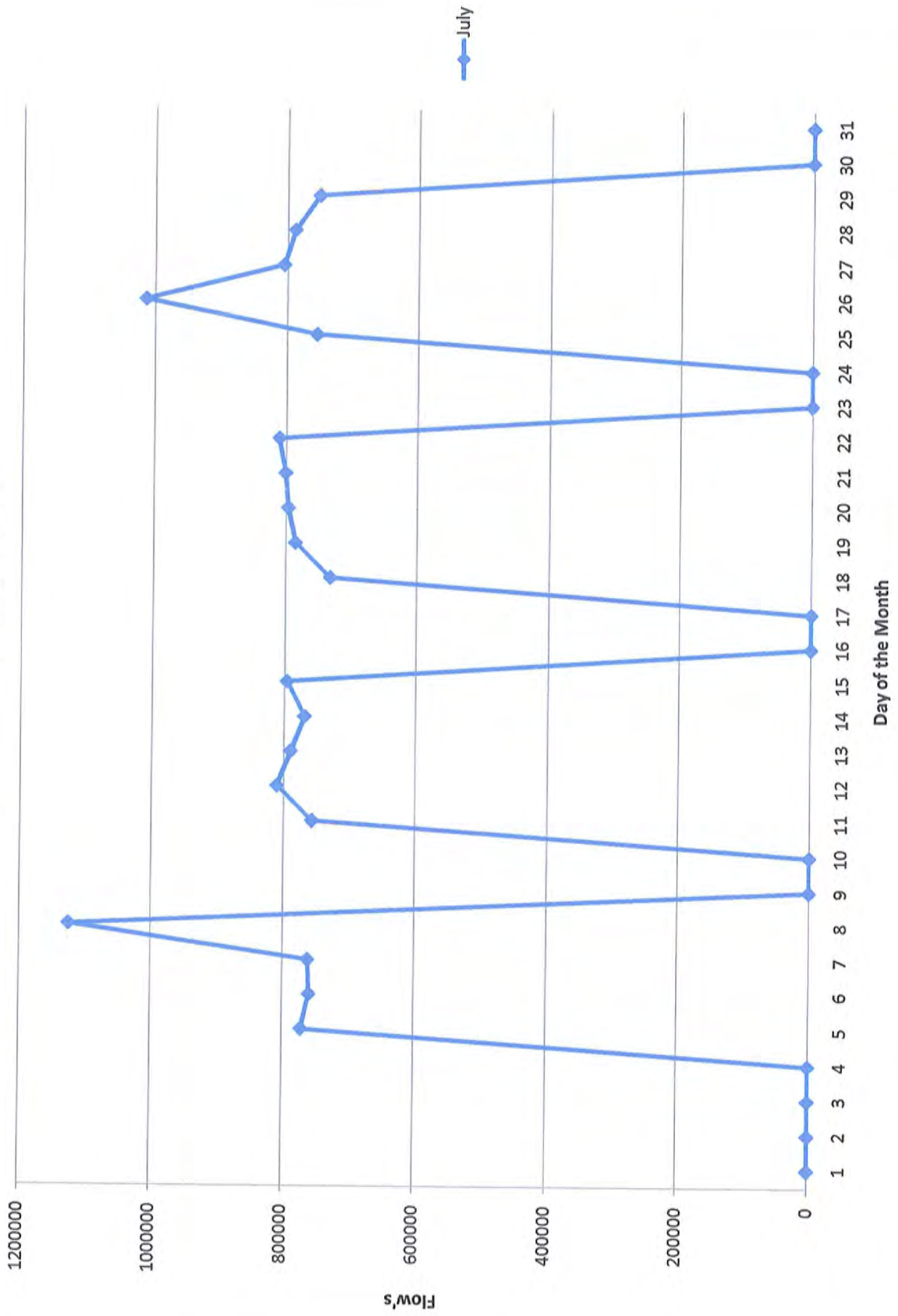
July precip. 5.11 - 2011



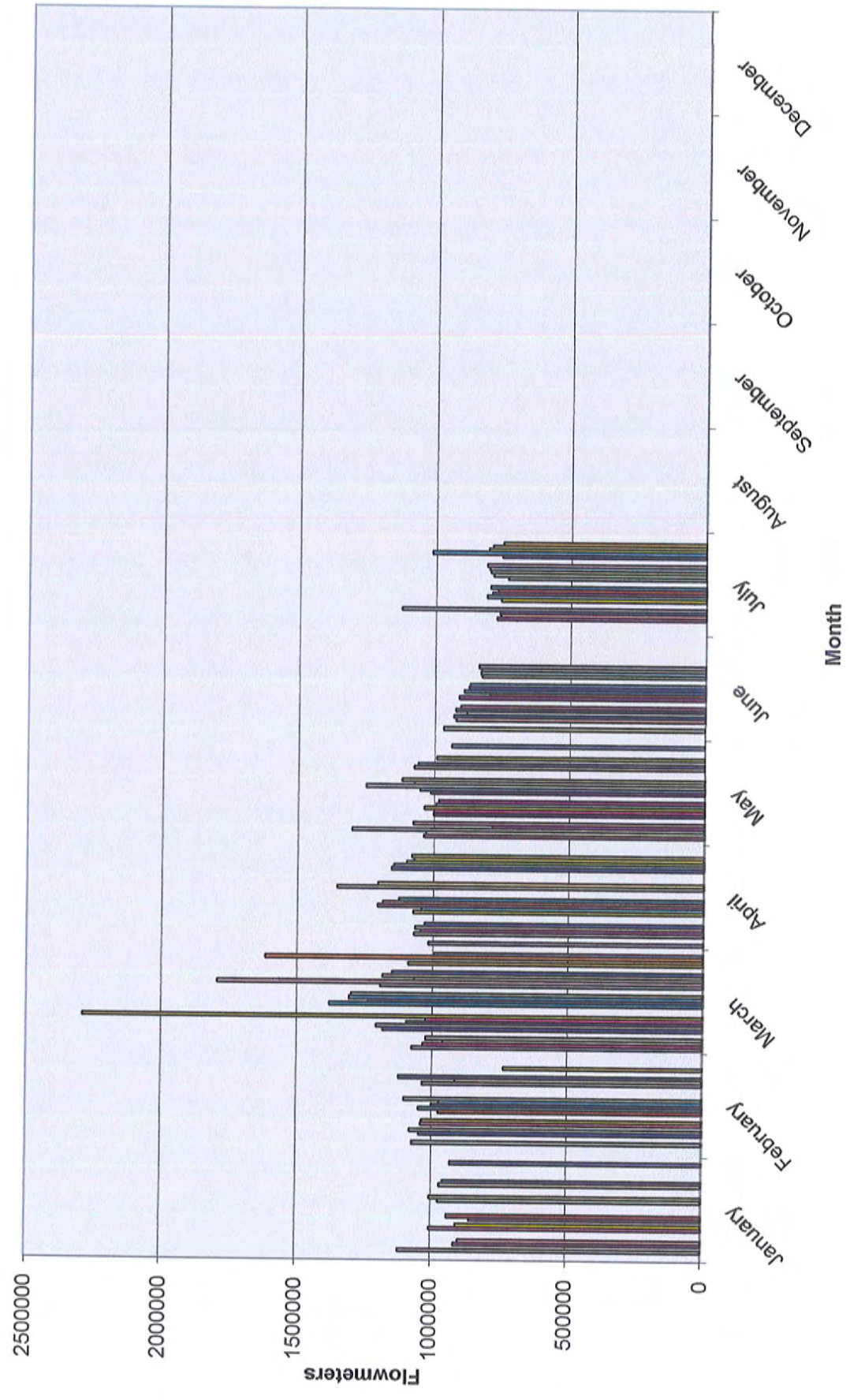
2011. Monthly Percipation



Flowmeters July 2011



Monthly Totals 2010 Jan-Dec



East Goshen Township Flows
June
2011

Date	West Goshen Plant Flow mgd	West. Way Pump Station mgd	Ellis Lane Meter Pit mgd	Paoli Pike Meter Pit mgd	Wilson Drive Meter Pit mgd	West. Way Meter Pit mgd	Total East Goshen Flow mgd
1	5.141	1.739	0.137	0.074	0.069	1.255	0.975
2	4.659	1.614	0.129	0.065	0.053	1.180	0.933
3	4.613	1.585	0.161	0.067	0.035	1.154	0.891
4	5.039	1.601	0.132	0.067	0.036	1.155	0.920
5	4.428	1.667	0.131	0.067	0.035	1.154	0.921
6	4.561	1.578	0.133	0.069	0.066	1.202	0.934
7	4.813	1.600	0.129	0.066	0.066	1.188	0.927
8	5.045	1.611	0.133	0.071	0.091	1.220	0.925
9	4.595	1.579	0.124	0.067	0.083	1.135	0.861
10	4.617	1.571	0.134	0.068	0.063	1.171	0.906
11	4.416	1.564	0.135	0.069	0.064	1.172	0.904
12	5.254	1.700	0.134	0.068	0.063	1.171	0.906
13	4.388	1.442	0.142	0.075	0.085	1.290	0.988
14	4.389	1.522	0.117	0.058	0.066	1.000	0.759
15	4.561	1.511	0.133	0.067	0.088	1.170	0.882
16	4.550	1.556	0.130	0.062	0.074	1.109	0.843
17	4.758	1.528	0.131	0.063	0.063	1.082	0.825
18	4.532	1.461	0.132	0.064	0.063	1.083	0.824
19	4.500	1.503	0.131	0.063	0.063	1.082	0.825
20	3.973	1.463	0.130	0.063	0.093	1.135	0.849
21	4.613	1.481	0.119	0.060	0.085	1.066	0.802
22	4.500	1.555	0.125	0.070	0.106	1.160	0.859
23	4.255	1.467	0.116	0.060	0.096	1.111	0.839
24	4.334	1.450	0.117	0.063	0.063	1.021	0.778
25	4.349	1.379	0.118	0.064	0.064	1.022	0.776
26	4.310	1.450	0.117	0.063	0.063	1.021	0.778
27	3.975	1.399	0.114	0.060	0.082	1.061	0.805
28	4.234	1.474	0.118	0.062	0.093	1.086	0.813
29	4.535	1.466	0.106	0.066	0.093	1.080	0.815
30	4.210	1.375	0.125	0.060	0.078	1.030	0.767
31							
1							
<hr/>							
Total	136.15	45.89	3.83	1.96	2.14	33.77	25.83
Avg.	4.538	1.530	0.128	0.065	0.071	1.126	0.861

NOTES: