

EAST GOSHEN MUNICIPAL AUTHORITY

**August 10, 2009
Monday, 7:00 PM**

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE
 - a. Announce that the Recording Secretary will be taping the meeting for her use and that the tape will be erased when the minutes for that meeting have been approved.
 - b. Ask if anyone will be taping the meeting?
2. RIDLEY CREEK REPORTS
 - a. Brickhouse Environmental July 2009
 - b. Pennoni
 - c. Artesian
 - d. Worth & Company Change Orders
 - e. Summary
3. RIDLEY CREEK INVOICES

a. Brickhouse Environmental, Inc.	#4885, 8/3/09	\$ 9,315.00
b. Pennoni	#413767	\$ 3,528.00
c. Gawthrop Greenwood, PC	#71611	\$ 437.00
d. Artesian	#09-255	\$ 11,517.75
e. Reimburse Gen. Fund		\$ 1,481.00
4. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
5. APPROVAL OF MINUTES
 - a. July 22, 2009
6. ENGINEER'S REPORT
 - a. Pennoni report
7. APPROVAL OF INVOICES

a. Artesian	#09-254, 7/28/09	\$ 960.00
b. Gawthrop Greenwood	#71612, 6/30/09	\$ 1,891.39
c. Gawthrop Greenwood	# 71610, 6/30/09	\$ 1,406.00
d. Maillie, Falconiero & Co.	# 77156, 6/30/09	\$ 2,500.00
8. LIAISON REPORTS
9. FINANCIAL REPORTS
10. GOALS
11. OLD BUSINESS
12. NEW BUSINESS
13. CAPACITY REQUESTS
14. SEWER REPORTS
 - a. Lochwood Chase Operations Report – June 2009
 - b. Director of Public Works Report – June 2009
15. ANY OTHER MATTER
16. CORRESPONDENCE AND REPORTS OF INTEREST
17. PUBLIC COMMENT
18. ADJOURNMENT

MONDAY August 10, 2009

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Delivery date

8/12/09

10/1/09

11/10/09

1/1/10

MONDAY August 10, 2009



Brickhouse Environmental

2. Ridley Creek Reports
A. 4ppp

Project Accomplishments

B E Project No. 09-2532-0

East Goshen / Ridley Creek Sewage Treatment Plant Upgrade / Expansion

July 2009

The following Project Management tasks were performed for the Ridley Creek Wastewater Treatment Plant Expansion project:

- 7-1-09 Site progress visit observation of poured (6-30-09) screen building wall conditions and valve vault pipe support pour.
- 7-2-09 Attended Special Meeting at the Township Building with Authority Board, Pennoni, Dutchland and Worth re: resolution of the SBR tanks.
- 7-2-09 Contractor Invoice Review Meeting with Pennoni.
- 7-7-09 Site progress visit and review with Inspector. Dutchland opening & sealing cracks at their own risk.
- 7-8-09 Travel to and attendance of State College meeting between Dutchland, Jorgensen & Close Assocs. & Pennoni re: info provided by Dutchland & ACI 3150.06 for design and fabrication of SBR walls.
- 7-8-09 Attended Progress Meeting at the Township Building.
- 7-9-09 Site progress visit. Dutchland continuing with SBR wall repairs, Trinity backfilling & compacting Screen Building footer in 12" lifts
- 7-10-09 Site progress visit inspection of sealing SBR wallcracks.
- 7-12-09 Prepared memo to Authority re: 7-8-09 State College meeting.
- 7-12-09 Prepared Monthly Report for distribution to the Authority.
- Prepared for and attended the 7-13-09 Authority Meeting.
- 7-14-09 E-mails and letter correspondence re: SBR walls & sealants.
- 7-14-09 Site progress visit observation of control Blower #2 now on line, Dutchland continuing w/ sealant coating, Trinity backfilling screen Building north, east & west sections.
- 7-16-09 Site progress visit to meet Sika Corporation rep for review of application methods of the caulk and top seal on SBR wall cracks. UV chamber being formed. Gravity line installation commenced between MH #1 and Screen Building.



- 7-17-09 Site progress visit observation of Dutchland applying top seal to SBR Tank #4. Penonni instructed Worth to remove the 2, 45 degree angles placed in the run from MH #1 and Screen Building and replace with 11 ¼ angles to limit potential for blockages. The original design had called for a straight run, which could not be attained due to the building shift. Sika 107 applied to Tank #4.
- 7-20-09 Site progress visit observation of Treatment Building south wall forms set. Influent connection between MH #1 and Screen Building being excavated for removal of the 45 degree angles (as per Penonni's instructions to Worth) and replacement with a single 11 ¼ degree angle.
- 7-21-09 Site progress visit observation of manhole to screen Building being backfilled. SBR Tank #2 being coated w/ Sika 107 in band over caulked cracks. Tank #4 (previously coated) being water filled for test.
- Attended the 7-22-09 Authority Special Meeting (7:30 a.m.) to discuss SBR game plan resolution. Drafted letter to Dutchland / Worth regarding warranty and maintenance proposal from the Authority.
- 7-22-09 attended a pre-Project Progress Meeting at the Township Building for introduction of Worth's replacement project management team.
- 7-22-09 attended Project Progress Meeting at the Township Building.
- 7-23-09 Site progress visit observation of Dutchland applying top seal to SBR #3.
- 7-24-09 prepared and sent letters to Worth and Clinger as directed by Authority.
- 7-28-09 Site progress visit observation of SBR Tank #4 being dewatered to Tank #2 for leakage test. Visually inspected Tank #3 /#4 wall and exterior of #4. Screen Building backfill on west and most of other sides. Treatment Building block walls set and soil / gravel in place in interior.
- 7-29-09 Site progress visit observation of SBR Tank #2 filled for leakage test. Screen Building backfilled on all sides but east. Treatment Building needs floor drains set before concrete pour.
- 7-31-09 Site progress visit observation of filter pad completion and Tank #4 exterior rear (north) and northwest corner coating with bitumastic.

Note: As of July 31, 2009 the cumulative project management hours budgeted was 346. The actual cumulative hours were 240.8.



Brickhouse Environmental

East Goshen Township: Ridely Creek Sewer Plant Expansion Project Management Schedule

The original budget estimate assumed commencing the first week of May. Week 1 actually commenced 28-April-2009 (week ending 30-April). The schedule reflects this change for monthly comparison based on the agreed \$115.00 hourly rate.

Week Ending	Estimated					Actual Totals		
	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees
30-Apr-09	0	0	\$0	\$0	18.5	18.5	\$2,127.50	\$2,127.50
3-May-09	48	48	\$5,520					
10-May-09	50	98	\$11,270					
17-May-09	20	118	\$13,570					
24-May-09	20	138	\$15,870					
31-May-09	20	158	\$18,170	\$18,170	73.5	92.0	\$10,580.00	\$8,452.50
7-Jun-09	20	178	\$20,470					
14-Jun-09	20	198	\$22,770					
21-Jun-09	20	218	\$25,070					
28-Jun-09	20	238	\$27,370					
30-Jun-09	8	246	\$28,290	\$10,120	67.8	159.8	\$18,371.25	\$7,791.25
5-Jul-09	12	258	\$29,670					
12-Jul-09	20	278	\$31,970					
19-Jul-09	20	298	\$34,270					
26-Jul-09	24	322	\$37,030					
31-Jul-09	24	346	\$39,790	\$11,500	81.0	240.8	\$27,686.25	\$9,315.00
9-Aug-09	24	370	\$42,550					
16-Aug-09	24	394	\$45,310					
23-Aug-09	24	418	\$48,070					
30-Aug-09	24	442	\$50,830					
31-Aug-09	4	446	\$51,290	\$11,500				
6-Sep-09	20	466	\$53,590					
13-Sep-09	24	490	\$56,350					
20-Sep-09	24	514	\$59,110					
27-Sep-09	24	538	\$61,870					
30-Sep-09	16	554	\$63,710	\$12,420				
4-Oct-09	8	562	\$64,630					
11-Oct-09	24	586	\$67,390					
18-Oct-09	24	610	\$70,150					
25-Oct-09	24	634	\$72,910					
31-Oct-09	24	658	\$75,670	\$11,960				
8-Nov-09	24	682	\$78,430					
15-Nov-09	24	706	\$81,190					
22-Nov-09	20	726	\$83,490					
29-Nov-09	20	746	\$85,790					
30-Nov-09	4	750	\$86,250	\$10,580				
6-Dec-09	20	770	\$88,550					
13-Dec-09	24	794	\$91,310					
20-Dec-09	20	814	\$93,610					
27-Dec-09	20	834	\$95,910					
31-Dec-09	16	850	\$97,750	\$11,500				



Brickhouse Environmental

East Goshen Township: Ridely Creek Sewer Plant Expansion Project Management Schedule

The original budget estimate assumed commencing the first week of May. Week 1 actually commenced 28-April-2009 (week ending 30-April). The schedule reflects this change for monthly comparison based on the agreed \$115.00 hourly rate.

Week Ending	Estimated						Actual Totals		
	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees	
3-Jan-10	4	854	\$98,210						
10-Jan-10	20	874	\$100,510						
17-Jan-10	20	894	\$102,810						
24-Jan-10	24	918	\$105,570						
31-Jan-10	24	942	\$108,330	\$10,580					
7-Feb-10	24	966	\$111,090						
14-Feb-10	24	990	\$113,850						
21-Feb-10	24	1,014	\$116,610						
28-Feb-10	20	1,034	\$118,910	\$10,580					
7-Mar-10	20	1,054	\$121,210						
14-Mar-10	20	1,074	\$123,510						
21-Mar-10	20	1,094	\$125,810						
28-Mar-10	20	1,114	\$128,110						
31-Mar-10	16	1,130	\$129,950	\$11,040					
4-Apr-10	8	1,138	\$130,870						
11-Apr-10	24	1,162	\$133,630						
18-Apr-10	24	1,186	\$136,390						
25-Apr-10	24	1,210	\$139,150						
30-Apr-10	24	1,234	\$141,910	\$11,960					
9-May-10	20	1,254	\$144,210						
16-May-10	20	1,274	\$146,510						
23-May-10	20	1,294	\$148,810						
30-May-10	20	1,314	\$151,110						
31-May-10	4	1,318	\$151,570	\$9,660					
6-Jun-10	16	1,334	\$153,410						
13-Jun-10	20	1,354	\$155,710						
20-Jun-10	20	1,374	\$158,010						
27-Jun-10	20	1,394	\$160,310						
30-Jun-10	12	1,406	\$161,690	\$10,120					
4-Jul-10	8	1,414	\$162,610						
11-Jul-10	20	1,434	\$164,910						
18-Jul-10	24	1,458	\$167,670						
25-Jul-10	24	1,482	\$170,430						
31-Jul-10	20	1,502	\$172,730	\$11,040					
8-Aug-10	20	1,522	\$175,030	\$2,300					



MEMORANDUM

2 Ridley Creek Report
B 1 AG

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

FROM: Evan R. Andrews, P.E.
Authority Engineer

DATE: August 5, 2009

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- Progress meetings with the Contractors were held. Project schedule, construction coordination, and submittal status were the topics of discussion. Regular progress meetings are held every other Wednesday afternoon (or as needed).
- Site observation services continue including coordination/communication with Brickhouse and the Township.
- Receipt, review, and return of Contractor submittals continue.
- Payment Requests were reviewed and negotiated by Mark Miller, Brickhouse and our field representative.
- SBR crack repair continues and will be discussed in greater detail at the Board Meeting. The effort relating to SBR cracks has been significant and our current authorized budget therefore needs to be increased.

I/I Abatement Project (Township Project)

- A draft written report summarizing the analysis of the meter data collected by the Public Works Department is under internal review and will be submitted to the Township.

RCSTP System Hydraulic Characterization

- The Consent Order and Agreement (CO&A) requires the Township to perform a System Hydraulic Characterization within 12 months of execution of the CO&A which is December 2009. Therefore, the sanitary sewer collection system tributary to the RCSTP must be modeled and hydraulically evaluated in order to determine if any physical constraints exist which would not allow for the conveyance of peak wet weather flow.
- The Township has scanned the majority of development plans under a Township-initiated program to provide electronic back-up of these documents. We will utilize this information to develop the model.
- A proposal for this effort is being prepared for consideration by the Township.



Artesian Water Company ▲ Artesian Wastewater Management ▲ Artesian Utility Development ▲ Artesian Water Maryland

100 YEARS OF SUPERIOR SERVICE

2. Ridley Creek Reports
C
2 pgs

July 9, 2009

Mr. Mark Miller, Director of Public Works
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

**RE: Ridley Creek Wastewater Treatment Facility
June 2009 Operations Report**

Dear Mr. Miller:

The following is the June 2009 monthly operations report for East Goshen Township's Ridley Creek Wastewater Treatment Facility.

Treatment plant operations were normal during the month of June 2009. Routine inspections and equipment preventative maintenance were completed as required. The total amount of wastewater treated and discharged during the month was 8,624,100 gallons, which represents an average daily flow of 287,470 gallons per day.

The operations staff continued to visually inspect the manholes outside of the fence for signs of overflows. No evidence was found to indicate any overflows occurred during June 2009.

The influent area operated normally during the month. The muffin monster, both raw lift pumps and associated controls experienced no operational problems.

The flow equalization system operated normally during the month of June. The Rotomat unit was on line continuously and debris generated by the unit was disposed of via the dumpster. The plant operator continued to manually remove sand deposits from the bottom of the Rotomat influent box caused by sand losses from the sand filters. The forward flow pumps and associated controls experienced no operational problems. Soda ash continued to be added on a daily basis to control pH and alkalinity values. The plant operator changed the feed water control float on the soda ash "day" tank during the month. The old float had failed due to age and corrosion.

The package sewage treatment plant operated normally during the month. The aeration tanks were medium brown colored with light tan surface foam buildups. The clarifiers operated normally as well. The surfaces were skimmed daily and the weirs were power washed weekly to remove algae and solids buildups. Sludge wasting continued to be accomplished to control the biomass. Weekly Mixed Liquor Suspended Solids (MLSS)

sample analysis indicated solids concentrations remained slightly elevated and additional wasting will continue. The sand filters were operational throughout the month with water still providing sand lifting assistance to both sides. Blockages in the washing compartments were more frequent due to algae clumps breaking off in the clarifier weirs. The chlorine contact tank and ultraviolet light disinfection system were in service continuously during the month of June.

The belt filter press was operated for two hundred fifty-three (253) hours during the month of June to dewater approximately two hundred ninety thousand (290,000) gallons of waste activated sludge to produce three (3) dumpster loads of dried sludge for disposal.

The Applebrooke subdivision transfer pump was utilized during the month of June to transfer effluent to the golf course for irrigation purposes. The flow meter for monitoring the water remained out of service due to the construction project. The monitoring wells associated with the subdivision were sampled during the month to meet the 2nd quarter 2009 requirements.

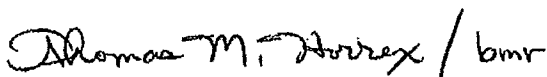
The plant expansion project continued during the month of June. Projects involving the plant operator included continuing review of the SBR tank wall issues, the return of the process blower B1B and overall site visitation to monitor piping and building progress.

Results of influent, monitoring well and final effluent samples collected during the month were not available to date; however, current permit compliance is expected.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Artesian Utility Development, Inc.

Handwritten signature of Thomas M. Horrex in black ink, followed by the initials "bmr" written in a smaller, slanted font.

Thomas M. Horrex, L.O., S. E.O.
Pennsylvania Operations Supervisor

TMH/bmr

cc: Mr. Evan Andrews - Pennoni Associates
File

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

2. Betty Creek
Reports
D
Lo pgs

To: Municipal Authority

From: Mark Miller

Re: Change Orders From Worth & Company

Change order's from Worth & Company for the following:

- 1) Top entry mixer design \$7,075.20
- 2) Concrete wall at UV channel \$11,357.25



Worth & Company, Inc.

Mechanical Contractor
6263 Kellers Church Road
Pipersville, PA 18947
Tel: (267) 362-1100 Fax: (267) 362-1130
www.worthandcompany.com

July 21, 2009

Mr. Dan Postlewaite
Pennoni
One Drexel Plaza
3001 Market Street
Philadelphia, PA 19104

Re.: Ridley Creek Sewage Treatment Plant Upgrade & Expansion
Pennoni Project# EGMA 0707
Change in Top Entry Mixer Design
PCO-5

Dear Mr. Postlewaite,

Please find attached our cost estimate sheet showing our additional cost of Seven Thousand Seventy Five Dollars and Twenty Cents (\$7,075.20) for revision to top entry mixer design to be provided by SHARPE. Also attached for your review is a copy of the SHARPE requested for change order as submitted by Gayle Corporation.

No extension of time is required.

Please issue a change order for this work as soon as possible.

If you should have any questions or require additional information please do not hesitate to contact me.

Sincerely,

Jeff Bush
Project Manager

Cc: File
Fred Papiernik, Worth and Company
Frank Ciufu, Pennoni



Mechanical Contractor
6263 Kellers Church Road
Pipersville, PA 18947
Tel: (267) 362-1100 Fax: (267) 362-1130
www.worthandcompany.com

August 5, 2009

Mr. Dan Postlewaite
Pennoni
One Drexel Plaza
3001 Market Street
Philadelphia, PA 19104

Re.: Ridley Creek Sewage Treatment Plant Upgrade & Expansion
Pennoni Project# EGMA 0707
Concrete Wall at UV Channel
PCO-6

Dear Mr. Postlewaite,

Please find attached our cost estimate sheet showing our additional cost of Eleven Thousand Three Hundred Fifty Seven Dollars and Twenty Five Cents (\$11,357.25) for concrete wall at UV channel and deletion of block wall. Also attached for your review is a copy of Heim Construction Co. proposal for the new concrete wall.

No extension of time is required.

Please issue a change order for this work as soon as possible.

If you should have any questions or require additional information please do not hesitate to contact me.

Sincerely,

Jeff Bush
Project Manager

Cc: File
Fred Papiernik, Worth and Company
Frank Ciufò, Pennoni

• P R O P O S A L •

PCO-4

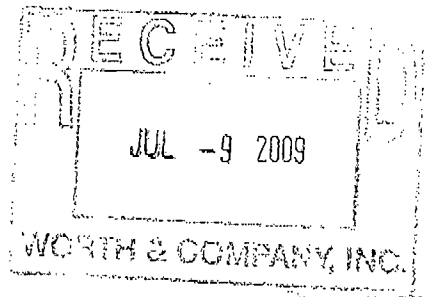
Le of Le



HEIM CONSTRUCTION CO., INC.
PO Box 160 • St. Clair, PA 17970
(570) 429-1677 • FAX: (570) 429-2078

July 7, 2009

Worth & Company, Inc.
Attn: Mark Haskel
6263 Kellers Church Road
Pipersville, Pa. 18947



RE: Ridley Creek WWTP
JOB: Wall UV Channel

We hereby propose to supply labor, material and equipment to complete project as follows:

- 1. Form, pour and finish cement concrete wall at UV Channel, approximately 31'x 7.5" high

Total Proposed \$11,200.00

WE PROPOSE to furnish labor and material - complete in accordance with the above specifications for the sum of:

Eleven Thousand Two Hundred Dollars and 00 Cents _____ dollars (\$ 11,200.00)

Payment to be made as follows To Be Determined

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. (Each worker will have non-partisan insurance). (Contractor shall not be liable for any installation or reinstallation costs or for the natural characteristic of some wood to split, warp, or twist, or for any incidental damages or consequential damages.)

ACCEPTED the above prices specifications and conditions are satisfactory and we hereby approved you are authorized to proceed work as specified. Payment will be made as outlined above.

Respectfully submitted
HEIM CONSTRUCTION CO., INC.

Acceptance Date: _____

By: _____

By: _____

By: Roy A. Heim

Note: This proposal may be withdrawn by us if not accepted in 30 days.

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

July 14, 2009

Name	Budget or Contract amt.	This Month	To Date	Balance	% of work completed
EXPENSES					
Borrowing costs	\$52,250.00	\$0.00	\$52,250.00	\$0.00	100.00%
Worth	\$7,865,400.00	\$485,103.12	\$2,421,211.02	\$5,444,188.98	30.78%
change orders	\$8,753.00	\$0.00	\$0.00	\$8,753.00	0.00%
Clinger	\$974,000.00	\$77,973.43	\$115,840.84	\$858,159.16	11.89%
change orders	\$0.00	\$0.00	\$0.00		
Pennoni (Inspection)	\$136,200.00	\$82,734.92	\$128,788.40	\$7,411.60	94.56%
Pennoni (Rechargeable)	\$20,000.00	\$10,121.25	\$12,961.75	\$7,038.25	64.81%
Brickhouse	\$175,000.00	\$8,452.50	\$10,580.00	\$164,420.00	6.05%
Extras					
Capital	\$252,701.00	\$2,333.83	\$34,334.53	\$218,366.47	13.59%
Capital (Identified but not paid)	\$23,696.00	\$0.00	\$0.00	\$23,696.00	0.00%
Trailer, Phone, Porta Potty	\$12,000.00	\$471.76	\$3,908.66	\$8,091.34	32.57%
EXPENSES TOTAL	\$9,520,000.00	\$667,190.81	\$2,779,875.20	\$6,740,124.80	29.20%
RECEIPTS					
Liquidated Damages	\$0.00	\$0.00	\$0.00	\$0.00	
Pennoni (Rechargeable)	-\$20,000.00	\$0.00	\$0.00	-\$20,000.00	0.00%
NET COST	\$9,500,000.00			\$6,720,124.80	

Retainage (10% until 50% of the project is done then it drops back to 5%)

Worth	\$298,798.45	10%
Clinger	\$14,267.60	10%
Total	\$313,066.05	

We have identified \$477,000 in potential extras which includes \$110,000 for Township Labor
We have identified \$71,000 in potential receipts if the project runs past November 2009

*2 Ridley Creek Reports
E.
Lopez*

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 DETAIL
 July 14, 2009

Date	Amount	Subtotals	Name	Description
Worth				
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
	<u>\$2,689,186.02</u>	\$2,689,186.02		
Clinger				
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
	<u>\$128,408.30</u>	\$128,408.30		
Pennoni				
?	\$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
	<u>\$128,788.40</u>	\$128,788.40		
Pennoni (rechargeable)				
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
	<u>\$12,961.75</u>	\$12,961.75		

Date	Amount	Subtotals	Name	Description
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
	<u>\$18,371.25</u>	\$18,371.25		
Extras - Capital - Paid				
12/22/2008	\$44.98		EAST GOSHEN TOWNSHIP	REIMBURSE GEN.FUND FOR OFFICE DEPOT
12/31/2008	\$88.00		FASTSIGNS	RED ON WHITE ALUM. SIGNS
1/12/2009	\$177.00		FASTSIGNS	SIGNS - PLEASE AVOID TOWNE DR....
12/1/2008	\$36.00		GREAT VALLEY LOCKSHOP	KEYS FOR CONTRACTOR
12/8/2008	\$160.80		GREAT VALLEY LOCKSHOP	PADLOCKS, REKEY CYLINDERS & KEYS
12/29/2008	\$474.82		HANSON AGGREGATES INC	36.95 TONS SUBBASE AGGREGATE
12/31/2008	\$908.00		HANSON AGGREGATES INC	70.66 TONS SUBGRADE 2 AGGREGATE
12/15/2008	\$2,089.39		LENNI ELECTRIC 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 & MCCMLOSY	WATER SERVICE
3/31/2009	\$1,254.00		GAWTHROP GREENWOOD	LEGAL
4/2/2009	\$274.21		PIPE XPRESS INC.	YARD HYDRANT #2
4/2/2009	\$1,910.28		HAMMOND & MCCMLOSY	WATER PIPING
5/11/2009	\$158.69		US MUNICIPAL SUPPLY INC.	3 SIGNS
4/30/2009	\$264.86		LENNI ELECTRIC CORPORAT	WIRED HOT WATER HEATER
5/31/2009	\$133.00		GAWTHROP GREENWOOD	LEGAL
6/30/2009	\$304.00		GAWTHROP GREENWOOD	LEGAL
	<u>\$34,771.53</u>	\$34,771.53		

Date	Amount	Subtotals	Name	Description
Extras - Capital - Identified capital extras that have not been paid				
	\$20,396.00			Driveway Restoration
	\$3,300.00			Restoration of parking area
	<u>\$23,696.00</u>	\$23,696.00		
Trailer, Phone, Porta Potty				
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	
	<u>\$2,712.80</u>	\$2,712.80		
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 ????
	<u>\$584.47</u>	\$584.47		
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
	<u>\$1,028.96</u>	\$1,028.96		
		\$4,326.23		

EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 CHANGE ORDERS
 July 14, 2009

	NO.	AMOUNT	APPROVED	WORK	STATUS	PAID
WORTH						
	1	\$3,210.00	2/24/09	BLOWER #1 REPAIR	APPROVED	NO
	2	\$5,543.00	5/11/09	BLOWER #2 REPAIR	APPROVED	NO
	3	\$1,431.00	6/18/09	BLOWER # 2 NEW MOTOR	APPROVED	NO
Total		<u>\$10,184.00</u>				

CLINGER	1	\$7,034.00	Denied	EXTEND 34 KV LINES	DENIED	
Total		<u>\$0.00</u>				

**EAST GOSHEN MUNICIPAL AUTHORITY
 RIDLEY CREEK CAPITAL EXPANSION PROJECT
 POTENTIAL EXTRAS
 July 14, 2009**

Potential capital extras	
Pennoni (additional 6 months)	\$50,000
Excavation	\$30,000
Blower Repairs (2)	\$12,000
Pipe conduit Conflicts	\$30,000
Shoring at EQ tank (we will get a credit)	\$0
Controls	\$10,000
Sludge room retrofit	\$10,000
Motor Control Retrofit	\$10,000
HVAC Thermostats	\$5,000
Cathode Protection	\$10,000
Treatment Tanks	\$200,000
Township Labor	\$110,000
Total potential extras	\$477,000

Potential Receipts	
Worth Engineering recharges (6 months)	-\$50,000
Worth liquidated damages (6 months @ \$100 day)	-\$21,000
Worth - Reduced excavation as a result of SBR tank shift	?
Worth - Savings as a result of shifting screen building	?
Total Potential Receipts	-\$71,000

6 of 6



**Brickhouse
Environmental**
Consultants and Engineers

3. Ridley Creek Invoices
A.
1 pg

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Invoice number 4885
Date 8/3/2009

Client ID: 548

Contract: 09.2532
E Goshen Twp-Ridley Creek Sewer
Scope of Work: Project No. 09-2532-0 E. Goshen/Ridley Creek Sewer Plant/WW Engineering

Attn: Mr. Rick Smith, Township Manager

SEE PROJECT ACCOMPLISHMENTS ATTACHED.

Professional Services Rendered Through the Month of July 2009.

Labor

<u>Employee Type</u>	<u>Hours</u>	<u>Amount</u>
Project Manager	81.00	9,315.00
	Labor Total	81.00
		9,315.00
		<u>Amount</u>
Reimbursable		0.00
	Expense Total	0.00
		<u>Amount</u>
	Invoice Total	9,315.00
		9,315.00

ok 8/4/2009
MSM

515 South Franklin Street
West Chester, PA 19382

Payment Terms: Net Thirty (30) Days; Credit Cards Accepted

Phone 610.692.5770
Fax 610.692.8650



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

Pennoni Associates Inc.
P.O. Box 827328
Philadelphia, PA 19182-7328
(215) 222-3000

3. Ridley Creek Invoices
B
3 pgs

COPY

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

Date: 07/31/2009

Statement

Project: EGMA0707 -- RCSTP Expansion

Invoice

Number	Date	Amount	Balance
413767	07/29/2009	3,528.00	3,528.00

Total Due: Project: EGMA0707 -- RCSTP Expansion

3,528.00

Bill Client Total: East Goshen Municipal Authority

3,528.00



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 # : 413767
Invoice Date : 07/29/2009
Project : EGMA0707
Project Name : RCSTP Expansion

For Services Rendered through: 07/19/2009

Construction meetings with contractors and Township; construction management; shop drawing and schedule review; site observation of construction and consultation with Township regarding same has been performed at no additional cost to the Township under Phase 05 - Construction.

Charges under Phase 06 include review and consultation regarding the servicability of the SBR tank walls; UV channel conflict; redesign of stairs at SBR; review of alternate coating proposed by contractor.

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	\$16,469.18		\$19,997.18	\$3,528.00
Total :		\$523,000.00	\$519,337.80		\$522,865.80	\$3,528.00

Amount Due This Invoice \$3,528.00

INVOICE RECEIVED 7/31/2009
APPROVED BY *M. Smith*

East Goshen Municipal Authority
 EGMA0707 Invoice Summary
 Invoice Date 07-29-2009

Project: RCSTP Expansion and Upgrade
 Pennoni Job No.: EGMA0707
 Invoice No: 413767
 Invoice Period: 6/1/2009 to 7/19/2009
 Initial Authorization: \$ 465,000.00 Date: 8/14/2007
 Changes: \$ - Date: 2/5/2009 Budget revision (reversed 5/11/09)
 Changes: \$ 58,000.00 Date: 5/11/2009
 Contract Amount: \$ 523,000.00
 Previously Invoiced: \$ 519,337.80
 Current Invoice: \$ 3,528.00
 Invoiced to Date (\$): \$ 522,865.80
 Invoiced to Date (%): 100%
 Remaining Budget (\$): \$ 134.20
 Remaining Budget (%): 0%

Budget by Phase:

Phase No.	01	02	03	04	05	06
Phase Name:	Permit Design	Permitting	Final Design	Bidding	Construction	Additional Engineering
Phase Budget:	\$ 111,400.00	\$ 14,200.00	\$ 226,700.00	\$ 14,500.00	\$ 88,200.00	\$ 10,000.00
Change of 5/11/09:	\$ -	\$ -	\$ -	\$ -	\$ 48,000.00	\$ 10,000.00
Contract Amount:	\$ 111,400.00	\$ 14,200.00	\$ 226,700.00	\$ 14,500.00	\$ 136,200.00	\$ 20,000.00
Previously Invoiced:	\$ 111,385.00	\$ 14,184.00	\$ 226,655.50	\$ 14,446.50	\$ 136,197.62	\$ 16,469.18
Current Invoice:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,528.00
Invoiced to Date (\$):	\$ 111,385.00	\$ 14,184.00	\$ 226,655.50	\$ 14,446.50	\$ 136,197.62	\$ 19,997.18
Invoiced to Date (%):	100%	100%	100%	100%	100%	100%
Remaining Budget (\$):	\$ 15.00	\$ 16.00	\$ 44.50	\$ 53.50	\$ 2.38	\$ 2.82
Remaining Budget (%):	0%	0%	0%	0%	0%	0%

Comments: Phase 05 - Construction

Construction meetings with contractors and Township; construction management; shop drawing and schedule review; and site observation of construction. Consultation with Township regarding same. Effort under this Phase will not be invoiced per the Change Order of May 11, 2009.

Phase 06 - Additional Engineering

Charges under Phase 06 include review and consultation regarding the servicability of the SBR tank walls; UV channel conflict; redesign of stairs at SBR; review of alternate coating proposed by contractor. The authorized budget for this phase will require additional funding due to the SBR wall review.

3. Ridley Creek Invoic
C.
1 pg



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 | (p) 610-696-8225
West Chester, PA 19381-0562 | (f) 610-344-0922
gglaw@gawthrop.com | www.gawthrop.com

COPY

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
06/30/2009
Client No: 6604-06M
Statement No. 71611

Ridley Creek Treatment Plant Upgrades/ Expansion

Fees

		Hours	
06/12/2009	RFA		
	Review message from Mark Miller updating construction status.	0.30	
06/23/2009	RFA		
	Review letter from Clinger Corp. regarding extension of contract; telephone conference with Rick Smith regarding Clinger letter of 6/22/09.	0.60	
06/24/2009	RFA		
	Review message from Rick Smith with attached correspondence to Worth regarding SBR tanks.	0.40	
06/29/2009	RFA		
	Telephone conference with Rick Smith regarding Dutchland tank walls.	0.30	
	For Current Services Rendered	1.60	304.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	1.60	\$190.00	\$304.00
Previous Balance			\$133.00
Total Current Charges			304.00
Balance Due			<u>\$437.00</u> ✓

To ensure proper credit, please write client number on your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be charged on balances not paid 60 days after the invoice date.

3. Ridley Creek Invoices
D 1 pg.

ARTESIAN UTILITY DEVELOPMENT, INC.
664 Churchmans Road
Newark, DE 19702

Invoice # 09-255
Invoice Date 7/28/2009
Terms Due Upon Receipt

INVOICE

Bill to:
Mr. Mark Miller
East Goshen Township - Ridley Creek
1580 Paoli Pike
West Chester, PA 19380

Description:

Total:

East Goshen Township - Ridley

Services relating to the Wastewater Treatment Facility-2009 June \$ 2,234.00

Additional Services

Troubleshoot Soda Ash "Day" tank feed water control floats;
replace float and return to normal operations.
Certified Operator: 1.5 hours @ \$47.50 per hour \$ 71.25

Construction surveillance work on plant expansion project.
Certified Operator: 8 hours @ \$47.50 per hour \$ 380.00

Miscellaneous Expenses

Additional influent sample analysis (CBODs, TSS, NH3, Total Phosphorus - 1/week)
4 sample analysis @ \$71.55 each \$ 286.20

Additional MLSS sample analysis (4 sets @ \$68.00 per set) \$ 272.00

Additional final effluent sample analysis (Total Phosphorus - 1/week)
\$20.70 per sample \$ 82.80

Belt Filter Press

Operation and Maintenance of Belt Filter Press including routine cleanup
and supervision requirements.
Certified Operator: 253 hours @ \$30.00 per hour \$ 7,590.00

Applebrook Subdivision

Collection of 2nd quarter 2009 monitoring well samples.
Certified Operator: 3 hours @ \$47.50 per hour \$ 142.50

Laboratory costs - three (3) Monitoring Well analysis @ \$153.00 per analysis \$ 459.00

Total Due to Artesian Utility Development, Inc. \$ 11,517.75

**PAYMENT DUE UPON RECEIPT
PLEASE INCLUDE COPY OF INVOICE WITH REMITTANCE
PLEASE REFER TO INVOICE NUMBER ON REMITTANCE
THANK YOU**

Approved
M. Miller

3. Ridley Creek Invoicing
E
2 pgs

Check Request Form

Date form submitted: July 17, 2009

Approved: _____

Date Paid: _____

Check #: _____

Charged to: 7424.7454

Date & time check needed: _____

Pay to the order of: EAST GOSHEN TWP - GEN. FUND

Mailing Address: _____

Amount of check: \$1,481.00

- Special Instructions: (check one)
- Mail check: regular mail.
 - Mail check: express mail.
 - Return check to requester.
 - Hold check until: _____.

Explanation of Expenses: (attach invoice, slips, etc.)
Reimburse Gen.Fund for Credit Card Purchase for Ridley
Creek Expansion Project
Vendor - Gardner Denver
Motor

Request submitted by: BARBARA PHILLIPS

TZ CSTP
OK TZS
7/20/09

**Gardner
Denver**

Original Invoice

(Page 1)

Gardner Denver, Inc.
Phone (217) 222-5400

Remit To:

Gardner Denver, Inc.
PO Box 956236
St. Louis, MO 63195-6236
Please show sold to no. 1070544 &
Invoice no. 91583160 on your check

Sold To: 1070544
East Goshen Township
1580 Paoli Paike
West Chester PA 19380

Ship To: DROP-SHIP
WORTH & COMPANY
1751 TOWNE ROAD
WEST CHESTER PA 19380

MSM
APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07424.7454

Sold To No. 1070544 Customer Order Number 17762 Date Entered 06/19/2009 Invoice Date 06/19/2009 Payment Due* 06/19/2009 Dist. Channel CF GD Order No. 963390 Invoice No. 91583160

Item No	Qty	Material Number	Description	Shipped From	Ship Date	Weight Lbs	List Price USD	Disc	Total Net USD
001	1.00	24CA5021B	MOTOR,50HP,3600RPM,ODP,324TS,3/60/2	PTC	06/19/2009	0.00	1,481.00	0.0	1,481.00
<p>This is a Credit Card Sale ✓</p> <p>Authorization Number: 160027</p> <p>THE NEW MOTOR IS MOUNTED ON THE BASE WITH THE BLOWER FOR SO# 88112 / DEL# 81725101. THE MOTOR WEIGHT SHOWN ON THIS BOL IS THE BAD MOTOR THE CUSTOMER WANTED RETURNED WITH THE BLOWER. MRT</p> <p>Material Subtotal 1,481.00</p> <p>Order Subtotal 1,481.00</p> <p>Shipped Via: CONWAY FREIGHT</p> <p>Delivery No: 81725099</p> <p>Pro. No.: CONWAY# 742946234</p> <p>Frt. Terms: PPD Prepaid Freight</p> <p>Credit Card Account Charged this Amount in US Dollars</p> <p>1,481.00</p> <p>For questions or problems contact: Bonnie Walker - 770-632-5007</p> <p>For Payment by electronic funds transfer, provide sold to no. 1070544 & invoice no. 91583160 with payment to: U.S. Bank, NA (St. Louis, MO) Gardner Denver, Inc. for account 152302006563, SWIFT #USBKUS44STL, ABA #081000210</p> <p>No Claims allowed unless made within ten days after receipt of goods if order is filled correctly. No goods can be returned without consent. We hereby certify that these goods were produced in compliance with all applicable requirements of section 6, 7 and 12 of the fair labor standards act as amended, and of regulations and orders of the United States Department of Labor issued under section 14 thereof.</p> <p>* Past due balances are subject to an 18% per annum service charge.</p> <p>If exported, these commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited.</p>									

Barb
07424.7454
Capital this
for the Ridley Eye
Can I have a
copy
Thank!
MANIC

5 Minutes
A.
2009

EAST GOSHEN TOWNSHIP
MUNICIPAL AUTHORITY MEETING MINUTES
JULY 22, 2009

The East Goshen Township Municipal Authority held a special meeting on Wednesday July 22, 2009 at 7:30 AM at the East Goshen Township building. Members in attendance were: Fran Beck, Dana Pizarro, Jack Yahraes and . Also in attendance were: Township Manager Rick Smith, Director of Public Works Mark Miller, Public Works Secretary Sue Smith, Evan Andrews from Pennoni Associates, Scott Towler and Dave Evans from Brickhouse Associates, and Thomas M. Horrex from Artesian.

COMMON ACRONYMS:

- | | |
|---|--|
| <i>MA – Municipal Authority</i> | <i>I&I – Inflow & Infiltration</i> |
| <i>HC – Historical Commission</i> | <i>RCSTP – Ridley Creek Sewer Treatment Plant</i> |
| <i>PC – Planning Commission</i> | <i>LCSTP – Lockwood Chase Sewer Treatment Plant</i> |
| <i>CB – Conservancy Board</i> | <i>DEP – Department of Environmental Protection</i> |
| <i>PR – Park & Recreation Board</i> | <i>EPA – Environmental Protection Agency</i> |
| <i>BOS – Board of Supervisors</i> | <i>PHMC – Pennsylvania Historical Museum Commission</i> |
| | <i>NPDES – National Pollutant Discharge Elimination System</i> |

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

Rick Smith called the meeting to order at 7:30 AM and led those present in the Pledge of Allegiance. Those in attendance introduced themselves.

2. RIDLEY CREEK SEWER TREATMENT PLANT

This special meeting was called to order to approve invoices and discuss the SBR Tank Walls.

Dutchland’s tank design and reinforcing bar detailing for the Ridley Creek is in conformance with ACI 350-06 Code.

The Engineer stated that the walls will not fall down, the cracking is controlled by the steel. Pennoni mentioned that with the repair that we are getting the walls will hold. We will still need a letter from Dutchland. The shop drawings that were submitted by Dutchland do have the steel that was approved.

The Township would still like a 10 year warranty, to clean and re-seal the tanks, when we drain them and pressure wash the walls and see any problems Dutchland will come out and take care of any problems.

Bob Adams asked for a copy of the warranty from Dutchland. He also asked if maney can be held in escrow if a claim has to be made. What is the risk of failure? Rust corrosion, leakage, and leakage and concrete falling off.

The Authority agreed that they need to come up with a maintenance program to protect the tanks and make them last. The Township has to assume the worst in failure for the tanks.

Dutchland did make an offer to coat the outside of the tanks. The Engineer will have to approve a proper product for coating.

A motion was made by Jack Yahraes to have Scott Towler write a letter to Worth and Dutchland for a maintenance agreement for 10 years that they will re-seal and repair any problems with the tanks and up to 20 years that they would come out to make any repairs if needed. The estimated cost to re-seal the tanks could cost \$150,000.00. The Authority needs to be comfortable with this agreement. This will be a preliminary agreement. Dana Pizarro second the motion.

Jack Yahraes made a motion to accept the #2 change order from Clinger to furnish and install one added corner section to MCC-2 in the amount of \$5,106.00. Dana Pizarro second the motion.

3. PUBLIC COMMENT – none

4. ADJOURNMENT

Rick Smith moved to adjourn. Jack Yahraes seconded the motion. No further discussion or public comment was made. The motion carried unanimously. The meeting adjourned at 8:10 AM.

Respectfully submitted by: _____
Louis F. Smith, Jr. Township Manager

F:\Data\Shared Data\Minutes\Municipal Authority\2009\MA July 209 Final.doc

7 Invoices
A.
1 pg

ARTESIAN UTILITY DEVELOPMENT, INC.
664 Churchmans Road
Newark, DE 19702

Invoice # 09-254
Invoice Date 7/28/2009
Terms Due Upon Receipt

INVOICE

Bill to:
East Goshen Township - Lochwood Chase
Mr. Mark Miller
1580 Paoli Pike
West Chester, PA 19380

Description:

Total:

East Goshen Township - Lochwood Chase

Monthly Fee

Services relating to the Wastewater Treatment Facility - 2009

June

\$

960.00

Additional Services

Miscellaneous Expenses

Total Due to Artesian Utility Development, Inc.

\$

960.00

PAYMENT DUE UPON RECEIPT
PLEASE INCLUDE COPY OF INVOICE WITH REMITTANCE
PLEASE REFER TO INVOICE NUMBER ON REMITTANCE
THANK YOU

Approved
MSM

COPY

7. Invoices
B.
2 pgs.



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 | (p) 610-696-8225
West Chester, PA 19381-0562 | (f) 610-344-0922
gglaw@gawthrop.com | www.gawthrop.com

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
06/30/2009
Client No: 6604-07M
Statement No. 71612

\$9.5M Guaranteed Sewer Revenue Notes, 2008 Series

Fees

03/19/2009	Review loan documents in preparation for drafting Fourth Supplemental Lease.	
03/24/2009	Draft 4th supplemental lease between Authority and Township.	
04/13/2009	Draft 4th supplemental lease between Authority and Township.	
06/08/2009	Draft 4th supplemental lease agreement.	
06/09/2009	Review and revise 4th supplemental lease; Message to Rick Smith regarding same;	
06/10/2009	Conference with Rick Smith regarding draft 4th supplemental lease; draft minor revisions to 4th supplemental lease. Message to Kristin Camp regarding review of 4th supplemental lease; review message from Kristin Camp regarding lease review.	
06/17/2009	Telephone conference with Kristin Camp regarding 4th supplemental lease agreement.	
06/22/2009	Review fax from Kristin Camp regarding 4th supplemental lease.	
06/23/2009	Finalize 4th supplemental lease for execution by Authority and Township; telephone conference with Rick Smith regarding 4th supplemental lease revisions.	
06/24/2009	Letter to Rick Smith regarding 4th supplemental lease.	
	For Current Services Rendered	1,890.00

Expenses

Postage	1.39
Total Expenses Thru 06/30/2009	1.39

East Goshen Municipal Authority

Page: 2
06/30/2009

Client No: 6604-07M
Statement No. 71612

\$9.5M Guaranteed Sewer Revenue Notes, 2008 Series

Total Current Charges	1,891.39
Balance Due	<u>\$1,891.39</u>

Remit by wire to:
Wachovia Bank
123 S. Broad Street
Philadelphia, PA 19109
ABA #031201467
Acct #2030000423820

To ensure proper credit, please write client number on
your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be
charged on balances not paid 60 days after the invoice date.

7 Invoices
C
1 pg



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 | (p) 610-696-8225
West Chester, PA 19381-0562 | (f) 610-344-0922
gglaw@gawthrop.com | www.gawthrop.com

COPY

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
06/30/2009
Client No: 6604-01M
Statement No. 71610

General Authority Services

Fees

		Hours	
06/08/2009	RFA		
	Review packet for 6/8/09 Authority meeting; attend regular meeting of Municipal Authority.	3.00	
06/22/2009	RFA		
	Review message from Evan Andrew regarding DEP enforcement notice procedures.	0.30	
	For Current Services Rendered	3.30	627.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	3.30	\$190.00	\$627.00
Previous Balance			\$779.00
Total Current Charges			627.00
Balance Due			<u>\$1,406.00</u> ✓

To ensure proper credit, please write client number on your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be charged on balances not paid 60 days after the invoice date.



MAILLIE, FALCONIERO & COMPANY, LLP

Certified Public Accountants and Business Counselors

T invoices
D
1 pg

www.maillie.com

PO Box 3068
West Chester, PA 19380-3068
610-696-4353
Fax: 610-430-8811

COPY

D. Scott Detar
George J. Falconero
John J. Crenny, Jr.
Frank L. Pellegrini
James M. Powers
Glenn B. Bachman
Raymond T. Mock
Robert L. Caruso
Edward J. Furman
Robert L. Boland
Robert M. Manero
Donald J. Pierce

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380-6107

Client ID: 2500
Invoice #: 77156
Invoice Date: 6/30/2009
Date Due: 7/30/2009

Please return top portion with remittance.

Amount enclosed \$ _____

For Professional Services Rendered as Follows:

Regarding: East Goshen Municipal Authority

For examination of the financial statements of the Authority for the year ended December 31, 2008 and assistance with preparation of Management Discussion and Analysis report

Estimate per engagement letter	6,900.00
Less progress bill	(6,000.00)
Additional time due to new 2008 bond issue and Ridley Creek expansion project, estimate per engagement letter	1,600.00

New Charges:	\$2,500.00
Plus Prior Balance:	0.00
New Balance:	\$2,500.00

ok TRS
7/20/09



Artesian Water Company ▲ Artesian Wastewater Management ▲ Artesian Utility Development ▲ Artesian Water Maryland

100 YEARS OF SUPERIOR SERVICE

14. Sewer Report
A.
2 pgs.

July 9, 2009

Mr. Mark Miller, Director of Public Works
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

**RE: Lochwood Chase Wastewater Treatment Facility
June 2009 Operations Report**

Dear Mr. Miller:

The following is the June 2009 monthly operations report for East Goshen Township's Lochwood Chase Wastewater Treatment Facility.

Treatment plant operations were normal during the month of June 2009. Routine inspections and equipment preventative maintenance were completed as required. The total amount of wastewater treated and discharged during the month was 486,800 gallons, which represents an average daily flow of 16,227 gallons per day.

The influent area operated normally during the month. The comminutor unit was in service continuously and no problems were experienced with the unit's controls. The plant operator continued to remove rags and debris buildups from the unit's housing, clear the bypass bar screen and shovel grit from the bottom of the influent pit on a regular basis. Debris and grit accumulations were disposed of via the trash can.

The aeration pond operated normally during the month of June. The pond's color was brownish with no surface scum or foam. Both floating aerators continued to be operated in the automatic mode with two (2) "OFF" cycles per day to minimize noise complaints and over-aeration.

The polishing pond operated normally as well during the month. The pond's color remained very green due to algae growth and only minimal amounts of surface algae and duckweed were present. The pond's level continued to fluctuate with discharge spraying requirements.

The chlorine contact tank and chlorine feed systems were operational throughout the month to meet disinfection requirements. Liquid chlorine continued to be added manually to the chlorine contact tank prior to the start of each spray event to improve disinfection and minimize odor issues.

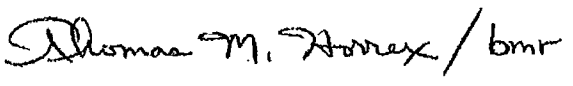
The discharge spray system was operational during the month of June. The #2 discharge pump was operated in the hand position with spray fields No.1 through No. 5 being opened manually to prevent excessive backpressure buildups on the pump. The plant operator continued to inspect the spray field heads in use to ensure proper operation.

Results of influent and final effluent samples collected during the month were not available to date; however, current permit compliance is expected.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Artesian Utility Development, Inc.

Handwritten signature of Thomas M. Horrex, followed by a forward slash and the initials 'bmr'.

Thomas M. Horrex, L.O., S.E.O.
Pennsylvania Operations Supervisor

TMH/bmr

cc: Mr. Evan Andrews - Pennoni Associates
File

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

14. Sewer Reports
B
9 pgs

To: Municipal Authority
From: Mark Miller
Re: July 2009 Monthly Report

Meters: The meters were calibrated including the pump stations. The Hicks meter is without power; Lenni Electric was notified and will be out on Monday.

C.C. Collection: We have received multiple calls for sewer cap replacement.

Public Works was notified of a sink hole on Brooke Drive. We opened the manhole that was close to the sink hole and found a lateral running half pipe. Repairs were made the following day.

The pump stations were visited on a daily basis. We received a total of 26 alarms for the month.

R.C.Collection: No problems to report.

Ridley Creek: The contactor tank was drained and cleaned. The weirs and clarifier scrapers were cleaned. The air filters were replaced. We are still having problems with the sand filters.

We found that a solenoid went bad on the Rotomat which called for a continuous wash down. We replaced the solenoid and the Rotomat was put back on line.

Lochwood Plant: Routine maintenance was performed. No problems to report.

PA One Calls: 135 PA One Calls for the month of July.

2008 FLOWMETERS

2009 JULY 3RD QUARTER

Precip Inches	WESTTOWN WAY				ELLIS LANE				PAOLI PIKE				WILSON DRIVE				SUMMIT				NET FLOWS	DATE		
	DATE	READING	GPD	READING	DATE	READING	GPD	READING	DATE	READING	GPD	READING	DATE	READING	GPD	READING	DATE	READING	GPD					
0.40	07/01/09																				0	07/01/09		
0.00	07/02/09	1,222,974	1,222,500	9,787,021		99,495	5,491,660	76,065	6,652,912	79,810											967,130	07/02/09		
0.00	07/03/09		0			0																07/03/09		
0.00	07/04/09		0			0																07/04/09		
0.00	07/05/09		0			0																07/05/09		
0.00	07/06/09	1,227,309	1,083,750	9,824,326		93,263	5,519,750	70,225	6,668,638	39,315											860,948	07/06/09		
0.00	07/07/09	1,228,478	1,169,000	9,833,426		91,000	5,526,899	71,480	6,675,243	66,050											940,460	07/07/09		
0.00	07/08/09	1,229,645	1,167,000	9,842,971		95,450	5,534,217	73,180	6,682,840	75,970											922,400	07/08/09		
0.00	07/09/09	1,230,760	1,115,000	9,851,516		85,450	5,540,495	62,780	6,688,981	61,410											905,360	07/09/09		
0.00	07/10/09	1,231,898	1,138,000	9,860,545		90,290	5,546,906	64,130	6,695,940	69,590											913,990	07/10/09		
1.57	07/11/09																				0	07/11/09		
0.00	07/12/09																					0	07/12/09	
0.00	07/13/09	1,235,344	1,148,667	9,891,256		102,370	5,566,107	63,997	6,712,319	54,597											927,703	07/13/09		
0.00	07/14/09	1,236,498	1,154,000	9,900,596		93,400	5,572,317	62,100	6,719,605	72,860											925,640	07/14/09		
0.00	07/15/09																						07/15/09	
0.30	07/16/09	1,236,760	1,134,000	9,918,289		88,465	5,585,673	66,780	6,734,631	75,130											900,625	07/16/09		
0.31	07/17/09																					0	07/17/09	
0.00	07/18/09																					0	07/18/09	
0.00	07/19/09																						0	07/19/09
0.00	07/20/09	1,243,164	1,101,000	9,954,064		89,438	5,610,219	61,365	6,755,562	52,328											897,870	07/20/09		
0.50	07/21/09	1,244,301	1,137,000	9,962,933		88,690	5,615,674	54,550	6,762,398	68,360											925,400	07/21/09		
0.00	07/22/09	1,245,453	1,152,000	9,971,837		89,040	5,620,715	50,410	6,769,674	72,760											939,790	07/22/09		
0.17	07/23/09	1,246,582	1,129,000	9,980,632		87,950	5,625,965	52,500	6,777,932	82,580											905,970	07/23/09		
0.70	07/24/09	1,247,734	1,152,000	9,989,856		92,240	5,631,512	55,470	6,786,059	81,270											923,020	07/24/09		
0.00	07/25/09																						0	07/25/09
0.54	07/26/09																					0	07/26/09	
0.00	07/27/09	1,250,988	1,084,667	10,017,395		91,797	5,650,854	64,473	6,800,530	48,237											880,160	07/27/09		
0.00	07/28/09	1,252,133	1,145,000	10,027,082		96,870	5,657,290	64,360	6,808,379	78,490											905,280	07/28/09		
0.25	07/29/09	1,253,281	1,148,000	10,036,295		92,130	5,664,606	73,160	6,816,613	82,340											900,370	07/29/09		
0.00	07/30/09	1,254,519	1,238,000	10,046,174		98,790	5,672,518	79,120	6,827,418	108,050											952,040	07/30/09		
0.47	07/31/09																				0	07/31/09		
5.21		1,145,310				92,563		64,786		70,506											917,453			

MONTH TO DATE
NORMAL MONTH TO DATE
YEAR TO DATE
NORMAL YEAR TO DATE

DAILY LOC

INQUIRER

EG TWP

2009 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,277,483	95,426	42,394	63,547	20,400	65,016	67,836	307,570	763,687	6,386	12,279
FEBRUARY	1,211,464	87,515	41,270	60,703	20,400	63,382	62,862	292,756	721,327	5,850	11,963
MARCH	1,152,893	82,510	38,294	56,906	20,400	55,330	61,242	300,092	672,897	5,534	11,410
APRIL	1,273,653	106,236	39,685	58,079	20,400	59,615	77,712	314,679	744,604	6,096	11,541
MAY	1,304,080	106,881	64,480	65,970	20,400	65,744	83,088	343,439	792,633	5,869	11,521
JUNE	1,320,702	112,744	60,869	78,465	20,400	63,152	87,581	341,020	807,211	6,010	11,736
JULY	1,145,310	92,563	64,786	70,508	20,400	57,932	64,481	314,779	706,552	5,990	10,873
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,240,798	97,696	50,254	64,883	20,400	61,453	72,115	316,334	744,130	5,962	11,618

To
West Goshen 1,027,965

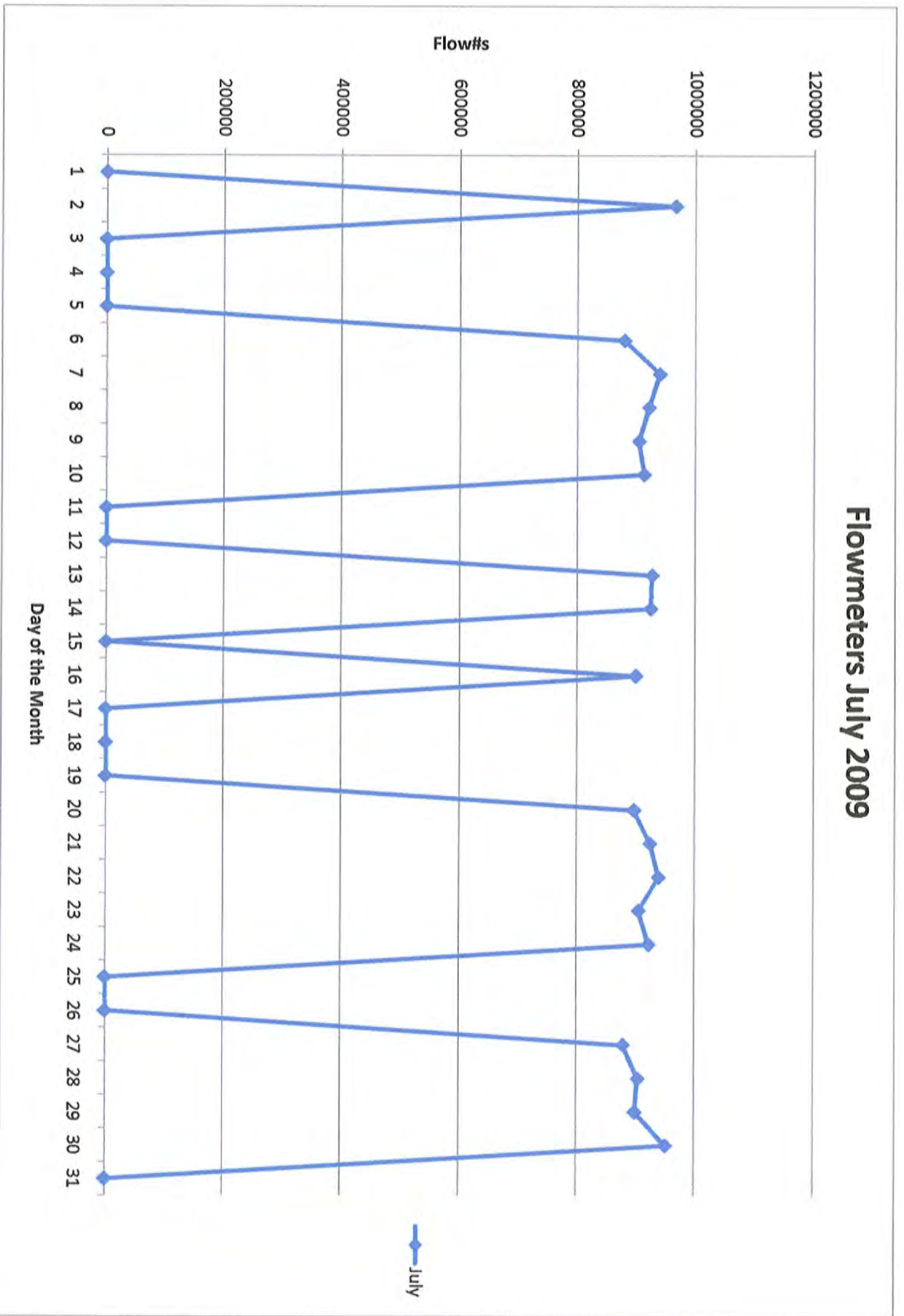
2009 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT
JANUARY	1,277,483	95,426	42,394	63,547	20,400
FEBRUARY	1,211,464	87,515	41,270	60,703	20,400
MARCH	1,152,893	82,510	38,294	56,906	20,400
APRIL	1,273,653	106,236	39,685	58,079	20,400
MAY	1,304,080	106,881	64,480	65,970	20,400
JUNE	1,320,702	112,744	60,896	78,465	20,400
JULY	1,145,310	92,563	64,786	70,508	20,400
AUGUST					
SEPTEMBER					
OCTOBER					
NOVEMBER					
DECEMBER					

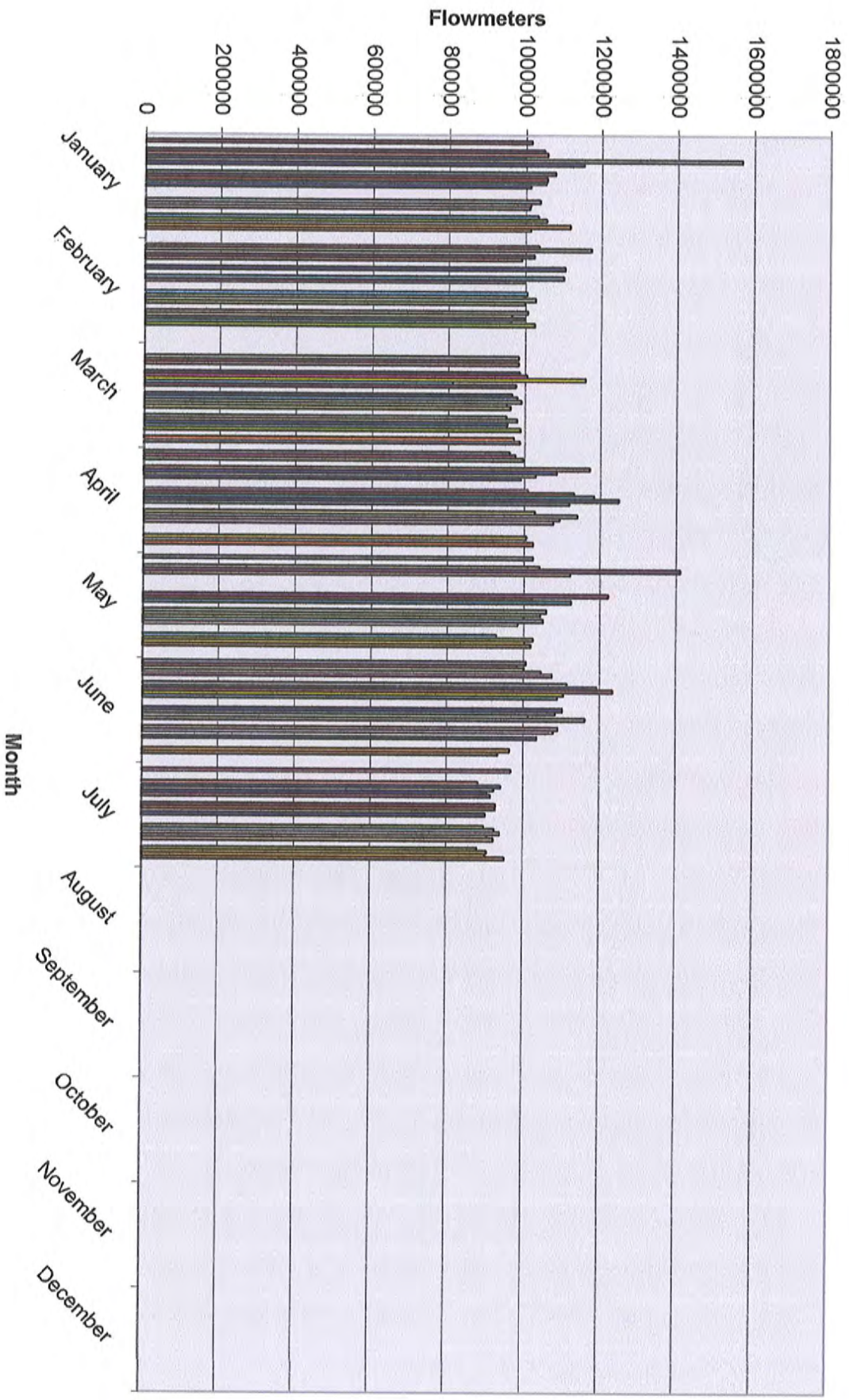
Total Flows

Monthly Ave	1,240,798	97,696	50,258	64,883	20,400
-------------	-----------	--------	--------	--------	--------

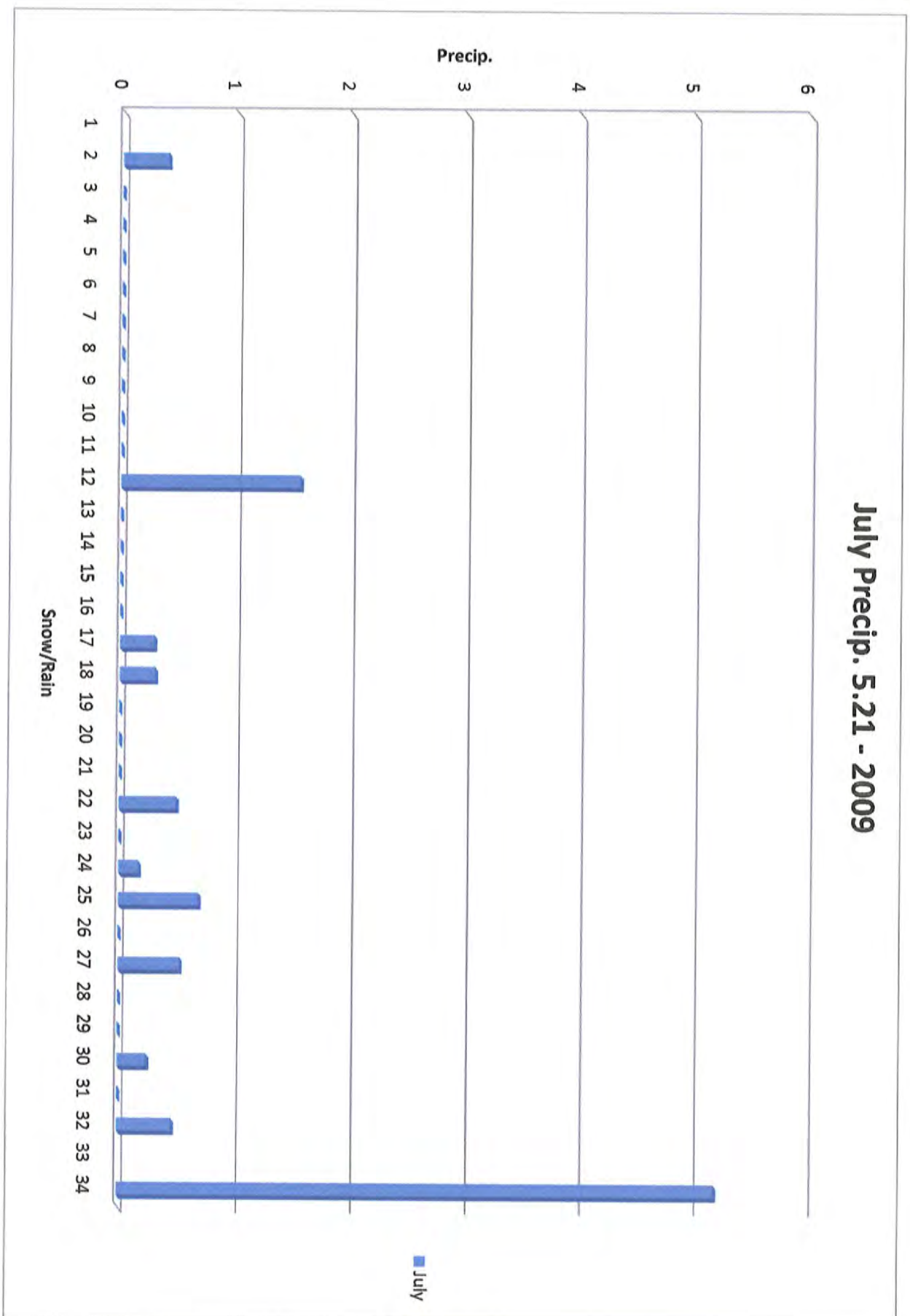
Flowmeters July 2009



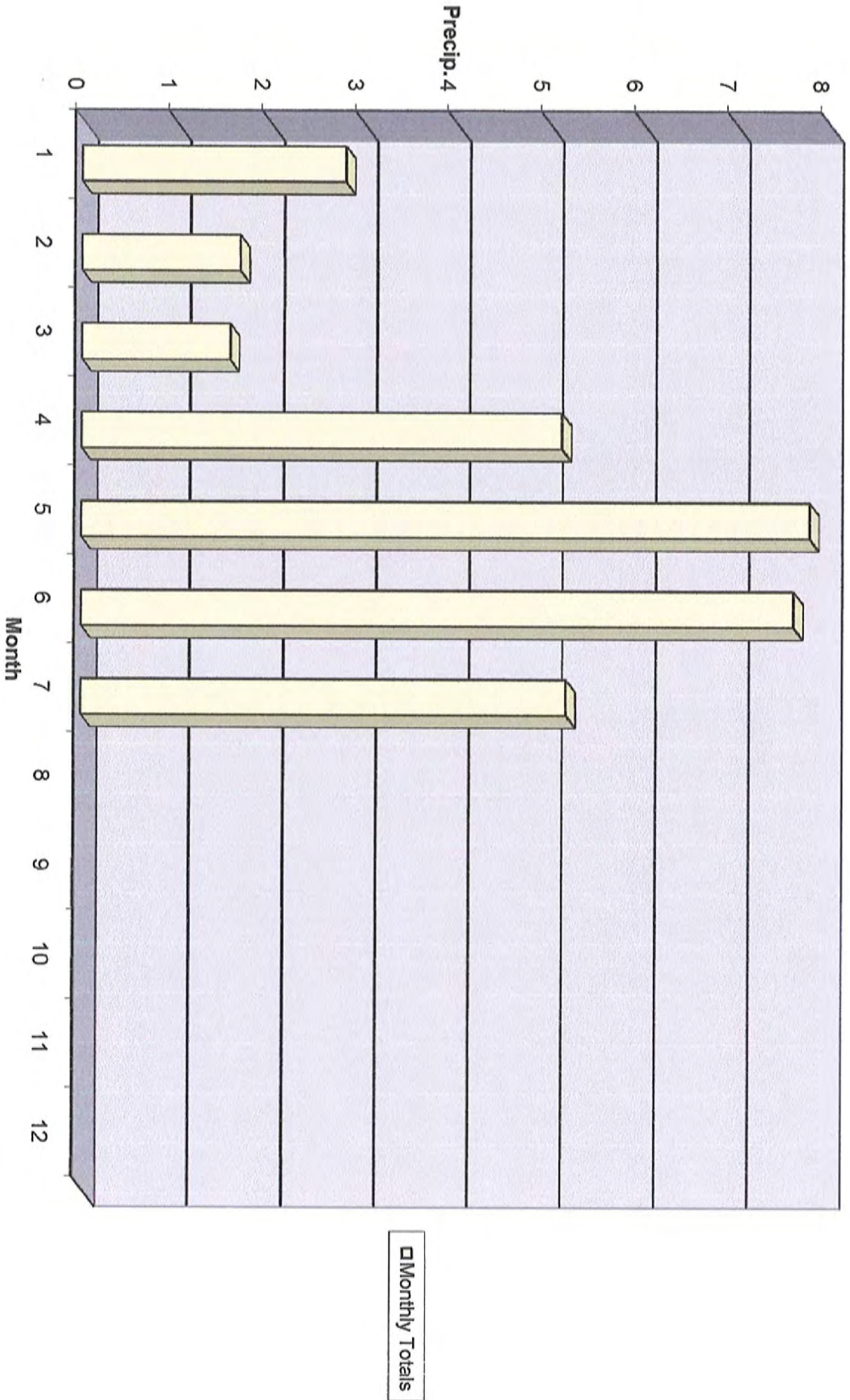
Monthly Totals 2009 Jan-Dec



July Precip. 5.21 - 2009



Monthly Totals 2009 (Jan-Dec)



BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199



July 29, 2009

Dear Property Owner:

The purpose of this letter is to inform you that East Goshen Township has been notified that West Goshen Township has received a Conditional Use application for a 128 unit senior apartment building which is proposed to be developed on the parcel next to the Goshen Fire Station on Boot road and Greenhill Road.

The West Goshen Township meetings for this application are:

Aug 17, 2009 (7 pm) - Planning Commission (Make a Recommendation to the Board of Supervisors)

August 19, 2009 (4 pm) - Board of Supervisors (Conditional Use Hearing)

Pursuant to East Goshen Township policy, property owners and residents within 1000 feet of the subject property are informed of these applications. I have provided the public advertisement on the back of this letter for your information. For more information contact West Goshen Township 610-696-5266.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark A. Gordon'.

Mark A. Gordon
Township Zoning Officer

Cc: All East Goshen Township Authorities, Boards and Commissions
Casey LaLonde, Township Manager, West Goshen Township