

EAST GOSHEN MUNICIPAL AUTHORITY

**July 13, 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 June 2009
 - b. Pennoni
3. RIDLEY CREEK INVOICES
 - a. Brickhouse Environmental, Inc. #4834, 7/1/08 \$ 7,791.25
 - b. Worth and Company, Inv. #P28001, 6/30/09 \$267,975.00
4. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
5. APPROVAL OF MINUTES
 - a. June 8, 2009
 - b. June 18, 2009
 - c. July 2, 2009
6. ENGINEER'S REPORT
 - a. Pennoni report
7. APPROVAL OF INVOICES
 - a. Gawthrop Greenwood, Inv. #71275, 5/31/09 \$133.00
 - b. Gawthrop Greenwood, Inv. #71274, 5/31/09 \$779.00
8. LIAISON REPORTS
9. FINANCIAL REPORTS
10. GOALS
11. OLD BUSINESS
 - a. Paving Ridley Creek Plant
 - b. Fourth Supplemental Lease
12. NEW BUSINESS
13. CAPACITY REQUESTS
14. SEWER REPORTS
 - a. Director of Public Works Report – June 2009
15. ANY OTHER MATTER
16. CORRESPONDENCE AND REPORTS OF INTEREST
 - a. Letter to Worth & Company, Inc., June 22nd
 - b. Letter to Worth & Company, Inc., June 22nd
 - c. Letter to Worth & Company, Inc. , July 7th
 - d.
17. PUBLIC COMMENT
18. ADJOURNMENT

MONDAY, July 13, 2009

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Delivery date

Tentative Date

Delivery Date

8/12/09

10/1/09

11/10/09

1/1/10

MONDAY, July 13, 2009



Brickhouse Environmental

Project Accomplishments

BE Project No. 09-2532-0

**East Goshen / Ridley Creek Sewage Treatment Plant Upgrade / Expansion
June 2009**

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

- 6-2-09 reviewed preliminary monthly invoice from Clinger. Discussed Clinger's schedule and impacts resulting from tasks not completed by others. Electrical unit concrete pad forms removed and backfilled at grade. Top rings added to MH #1.
- 6-3-09 Site progress visit and review with Inspector.
- 6-4-09 Contractor Invoice Review Meeting with Pennoni.
- Prepared Monthly Report for distribution to the Authority.
- 6-5-09 Site progress visit. Observed existing Control Building work and commencement of Screen building foundation forming.
- Prepared for and attended the 6-08-09 Authority Meeting.
- 6-10-09 Site progress visit observation of ongoing Screen Building Screen Building foundation steel placement and valve vault pipe support installation. Dutchland power washing SBR walls.
- Attended the 6-10-09 Project Status / Progress Meeting at the Township Building with Township, Pennoni, Clinger and Worth representatives.
- 6-11, 12, 15-09 Site progress visits. Minimal activity Prepared notes and reviewed correspondence.
- 6-16-09 Responded to e-mails and correspondence.
- 6-17-09 site progress visit.
- 6-18-09 Prepared for and attended Special Meeting re: SBR walls and Change Order for blower #2 motor.
- Attended the 6-24-09 Project Status / Progress Meeting at the Township Building with Township, Pennoni, Clinger and Worth representatives.
- 6-29-09 Attended Special Meeting w/ clinger re: schedule & contract concerns and request for modifications. Site visit and review of draft Clinger and Worth payment requests,

202



Brickhouse Environmental

- 6-30-09 Site progress visit to check on blower #2 start up, which was postponed due to blower / motor shim needs.
- 6-30-09 Prepared letter to Clinger as requested re: liquidated damages.

Note:

As of June 30, 2009 (partially through actual Week 10) the cumulative project management hours budgeted was 246.

The actual cumulative hours as partial Week 10 was 159.75



**Brickhouse
Environmental**
Consultants and Engineers

3 RC INVOICES
3 ppj

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Invoice number 4838
Date 7/1/2009

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 June 2009.

Labor

<u>Employee Type</u>	<u>Hours</u>	<u>Amount</u>
Project Manager	67.75	7,791.25
Labor Total	67.75	7,791.25

	<u>Amount</u>
Reimbursable	0.00
Expense Total	0.00

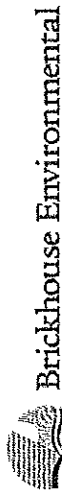
Invoice Total	7,791.25
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7/7/09
OK RS

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



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				
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				

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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	864	\$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	\$10,560				
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	\$10,560				
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				

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Application and Certificate For Payment

To Owner: East Goshen Municipal Authority 1580 Paoli Pike West Chester, PA 19380	Project: Ridley Creek WWTP 1751 Towne Road Fred Papiermik 267-278-6108 West Chester, PA 19380	Application No: 6 Date: 06/30/2009 Period To: 06/30/09 Architect's Project No: Contract Date: 10/22/08
From (Contractor): Worth and Company, Inc. 6263 Kellers Church Road Pipersville, PA 18947	Contractor Job Number: P28001 Via (Architect): Contract For:	
Phone: 267 362-1100		

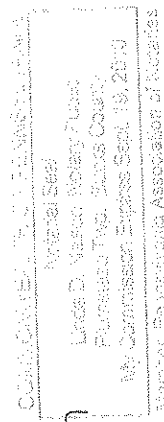
Contractor's Application For Payment

Change Order Summary	Additions	Deductions						
Change orders approved in previous months by owner								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Number</th> <th style="width:30%;">Date</th> <th style="width:40%;">Approved</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Number	Date	Approved					
Number	Date	Approved						
Totals								
Net change by change orders								

Original contract sum	7,865,400.00
Net change by change orders	0.00
Contract sum to date	7,865,400.00
Total completed and stored to date	2,987,984.47
Retainage	
10.0% of completed work	282,598.45
10.0% of stored material	16,200.00
Total retainage	298,798.45
Total earned less retainage	2,689,186.02
Less previous certificates of payment	2,421,211.02
Current payment due	267,975.00
Balance to finish, including retainage	5,176,213.98

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: [Signature] Date: 6/29/09
 By: [Signature] County of: Bucks
 State of: PA
 Subscribed and sworn to before me this 29th day of June
2009 (year). Notary public: [Signature]
 My commission expires _____



Architect's Certificate for Payment

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application the Architect certifies to the Owner that to the best of the Architect's 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: \$ 267,975.00

Architect: [Signature] Date: 6/30/09
 By: [Signature]

This Certification 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.

3. RC INVOICE

b.
9 pages

Application and Certificate For Payment -- page 2

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6
 Contractor's Job Number: P28001
 Architect's Project No:

Date: 06/30/09
 Period To: 06/30/09

Item Number	Description	Scheduled Value	Work Completed		Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period						
G1-000	Site Work & Yard Piping									
G1-001	Bonds	160,000.00	160,000.00	0.00	0.00	160,000.00	100.00	0.00	16,000.00	
G1-002	Insurance	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00	0.00	5,000.00	
G1-003	Mobilization	100,000.00	100,000.00	0.00	0.00	100,000.00	100.00	0.00	10,000.00	
G1-004	Pre-Planning/Schedule	20,000.00	15,000.00	0.00	0.00	15,000.00	75.00	5,000.00	1,500.00	
G1-005	Submittals - Dutchland	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00	0.00	1,500.00	
G1-006	Submittals - Jet Tech	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00	0.00	1,500.00	
G1-007	E & S Controls	25,000.00	8,750.00	0.00	0.00	8,750.00	35.00	16,250.00	875.00	
G1-008	Strip Topsoil	50,000.00	50,000.00	0.00	0.00	50,000.00	100.00	0.00	5,000.00	
G1-009	Temporary Seed	5,000.00	2,500.00	0.00	0.00	2,500.00	50.00	2,500.00	250.00	
G1-010	Bioretention Basin 1	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	
G1-011	Bioretention Basin 2	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	
G1-012	Temporary Fence	9,000.00	4,500.00	0.00	0.00	4,500.00	50.00	4,500.00	450.00	
G1-013	Influent Force Main	85,000.00	63,750.00	4,250.00	0.00	68,000.00	80.00	17,000.00	6,800.00	
G1-014	Filter Feed Force Main	85,000.00	21,250.00	0.00	0.00	21,250.00	25.00	63,750.00	2,125.00	
G1-015	Filter Effluent	55,000.00	27,500.00	0.00	0.00	27,500.00	50.00	27,500.00	2,750.00	
G1-016	System Effluent	55,000.00	13,750.00	0.00	0.00	13,750.00	25.00	41,250.00	1,375.00	
G1-017	Filter Feed Pump Suction	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G1-018	Filter Feed Pump Discharge	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G1-019	Flocculation Tank to Filters	50,000.00	0.00	0.00	0.00	0.00	0.00	50,000.00	0.00	
G1-020	4" WAS	45,000.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00	
G1-021	Yard Drain	70,000.00	21,000.00	0.00	0.00	21,000.00	30.00	49,000.00	2,100.00	
G1-022	Sludge Pump Suction	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G1-023	Relocate Air Lines	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	
G1-024	Influent	45,000.00	22,500.00	0.00	0.00	22,500.00	50.00	22,500.00	2,250.00	
G1-025	Utility Water	75,000.00	0.00	0.00	0.00	0.00	0.00	75,000.00	0.00	

2009

Application and Certificate For Payment -- page 3

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6 Date: 06/30/09 Period To: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Item Number	Description	Scheduled Value	Work Completed		Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period						
G1-026	Apple Brook Discharge	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G1-027	PVC Chemical Carrier Pipe	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G1-028	Potable Water	45,000.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00	
G1-029	8" Underdrain	40,000.00	20,000.00	0.00	0.00	20,000.00	50.00	20,000.00	2,000.00	
G1-030	1" Compressed Air	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G1-031	Sidewalks	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G1-032	Generator Pad	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G1-033	Rock/Pumps	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G1-034	Block	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00	0.00	100.00	
G1-035	Chain Link Fence	30,000.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0.00	
G1-036	Demo Existing Fence	10,000.00	2,500.00	0.00	0.00	2,500.00	25.00	7,500.00	250.00	
Subtotal		1,375,000.00	614,000.00	4,250.00	0.00	618,250.00	44.96	756,750.00	61,825.00	
G2-000 Pump Station & Valve Vault										
G2-001	Excavate Pump Station	52,000.00	52,000.00	0.00	0.00	52,000.00	100.00	0.00	5,200.00	
G2-002	Install Precast Pump Station	68,000.00	64,600.00	0.00	0.00	64,600.00	95.00	3,400.00	6,460.00	
G2-003	Install Anti-Flotation Collar	3,500.00	3,500.00	0.00	0.00	3,500.00	100.00	0.00	350.00	
G2-004	Backfill Pump Station	12,000.00	9,000.00	0.00	0.00	9,000.00	75.00	3,000.00	900.00	
G2-005	Excavate Valve Vault	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00	0.00	1,500.00	
G2-006	Install Valve Vault	28,000.00	28,000.00	0.00	0.00	28,000.00	100.00	0.00	2,800.00	
G2-007	Backfill Valve Vault	7,500.00	3,750.00	0.00	0.00	3,750.00	50.00	3,750.00	375.00	
G2-008	Painting	9,000.00	0.00	0.00	0.00	0.00	0.00	9,000.00	0.00	
G2-009	Pipe/Valves/Fittings	15,000.00	7,500.00	3,750.00	0.00	11,250.00	75.00	3,750.00	1,125.00	
G2-010	Influent Pumps	65,000.00	58,500.00	0.00	0.00	58,500.00	90.00	6,500.00	5,850.00	
Subtotal		275,000.00	241,850.00	3,750.00	0.00	245,600.00	89.31	29,400.00	24,560.00	
G3-000 Screen Building										
G3-001	Excavate Screen Bldg: Elev 13'	38,000.00	28,500.00	9,500.00	0.00	38,000.00	100.00	0.00	3,800.00	

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Application and Certificate For Payment -- page 4

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6 Date: 06/30/09 Period To: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Item Number	Description	Scheduled Value	Work Completed		Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period						
G3-002	Stone Underslab	5,000.00	2,500.00	0.00	0.00	2,500.00	50.00	2,500.00	250.00	
G3-003	Form/Pour 18" Thick Slab	39,000.00	0.00	39,000.00	0.00	39,600.00	100.00	0.00	3,900.00	
G3-004	Form/Pour Exterior Walls	65,000.00	0.00	26,000.00	0.00	26,000.00	40.00	39,000.00	2,600.00	
G3-005	Backfill	12,000.00	0.00	0.00	0.00	0.00	0.00	12,000.00	0.00	
G3-006	Excavate Footers; Elev 2'8"	7,000.00	0.00	0.00	0.00	0.00	0.00	7,000.00	0.00	
G3-007	Form/Pour Footers	12,000.00	0.00	0.00	0.00	0.00	0.00	12,000.00	0.00	
G3-008	Install Masonry Frost Wall	9,000.00	0.00	0.00	0.00	0.00	0.00	9,000.00	0.00	
G3-009	Pour Slab	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	
G3-010	Form/Pour Channel Walls	50,000.00	0.00	0.00	0.00	0.00	0.00	50,000.00	0.00	
G3-011	Install Exterior Masonry Walls	30,000.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0.00	
G3-012	Structural Steel	3,000.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	
G3-013	Misc Metals	8,000.00	5,630.00	0.00	0.00	5,630.00	70.38	2,370.00	563.00	
G3-014	Rough Carpentry	24,000.00	0.00	0.00	0.00	0.00	0.00	24,000.00	0.00	
G3-015	Dryvit	18,000.00	0.00	0.00	0.00	0.00	0.00	18,000.00	0.00	
G3-016	FRP Grating	4,000.00	0.00	0.00	0.00	0.00	0.00	4,000.00	0.00	
G3-017	Hollow Metal & FRP Doors	1,500.00	0.00	0.00	0.00	0.00	0.00	1,500.00	0.00	
G3-018	Overhead Doors	2,500.00	0.00	0.00	0.00	0.00	0.00	2,500.00	0.00	
G3-019	Trolley & Hoist	2,000.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0.00	
G3-020	Plumbing	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	
G3-021	HVAC	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	
G3-022	Painting	12,000.00	0.00	0.00	0.00	0.00	0.00	12,000.00	0.00	
	Subtotal	365,000.00	36,630.00	74,500.00	0.00	111,130.00	30.45	253,870.00	11,113.00	
G4-000	Grinder w/RotatingScreen&Auger									
G4-001	Screen	180,000.00	0.00	0.00	0.00	162,000.00	90.00	18,000.00	16,200.00	
	Subtotal	180,000.00	0.00	0.00	0.00	162,000.00	90.00	18,000.00	16,200.00	
G5-000	PrecastPost TensionedSBR Tanks									

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Application and Certificate For Payment -- page 5

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6 Date: 06/30/09 Period To: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Item Number	Description	Scheduled Value	Work Completed		Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period						
G5-001	Bulk Excavate SBR Structure	100,000.00	100,000.00	0.00	0.00	100,000.00	100.00	0.00	10,000.00	
G5-002	Stone Underslab-SBR Structure	30,000.00	30,000.00	0.00	0.00	30,000.00	100.00	0.00	3,000.00	
G5-003	Concrete Base Slab for SBR	690,000.00	690,000.00	0.00	0.00	690,000.00	100.00	0.00	69,000.00	
G5-004	Backfill Tank	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	
G5-005	Walls & Walkways	750,000.00	525,000.00	0.00	0.00	525,000.00	70.00	225,000.00	52,500.00	
G5-006	Misc Metals	60,000.00	0.00	0.00	0.00	0.00	0.00	60,000.00	0.00	
	Subtotal	1,650,000.00	1,345,000.00	0.00	0.00	1,345,000.00	81.52	305,000.00	134,500.00	
G6-000	Treatment Building									
G6-001	Excavate Footers	40,000.00	0.00	40,000.00	0.00	40,000.00	100.00	0.00	4,000.00	
G6-002	Pour Footers	15,000.00	0.00	11,250.00	0.00	11,250.00	75.00	3,750.00	1,125.00	
G6-003	Pour Pier Footers	10,000.00	0.00	2,000.00	0.00	2,000.00	20.00	8,000.00	200.00	
G6-004	Pour Piers	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	
G6-005	Masonry Frost Walls	15,000.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0.00	
G6-006	Backfill	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	
G6-007	Stone Under Slab	6,000.00	0.00	0.00	0.00	0.00	0.00	6,000.00	0.00	
G6-008	Plumbing Under Slab	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	
G6-009	Concrete Slab	18,000.00	0.00	0.00	0.00	0.00	0.00	18,000.00	0.00	
G6-010	Precast Flocculation Tank	35,000.00	0.00	0.00	0.00	0.00	0.00	35,000.00	0.00	
G6-011	Precast Effluent Storage Tank	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	
G6-012	Poured In Place UV Channel	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G6-013	Masonry	72,000.00	0.00	0.00	0.00	0.00	0.00	72,000.00	0.00	
G6-014	Structural Steel & Deck	28,000.00	0.00	0.00	0.00	0.00	0.00	28,000.00	0.00	
G6-015	Misc Metals	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	
G6-016	FRP Grating	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	
G6-017	Dryvit	35,000.00	0.00	0.00	0.00	0.00	0.00	35,000.00	0.00	
G6-018	EPDM Roofing	40,000.00	0.00	0.00	0.00	0.00	0.00	40,000.00	0.00	

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Application and Certificate For Payment -- page 6

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6 Date: 06/30/09 Period To: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Item Number	Description	Scheduled Value	Work Completed			Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period							
G6-019	Caulking	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00		
G6-020	Hollow Metal & FRP Doors	2,500.00	0.00	0.00	0.00	0.00	0.00	2,500.00	0.00		
G6-021	Overhead Doors	4,500.00	0.00	0.00	0.00	0.00	0.00	4,500.00	0.00		
G6-022	Painting	35,000.00	0.00	0.00	0.00	0.00	0.00	35,000.00	0.00		
G6-023	Top Entry Mixer	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00		
G6-024	Plumbing	23,000.00	0.00	0.00	0.00	0.00	0.00	23,000.00	0.00		
G6-025	HVAC	50,000.00	0.00	0.00	0.00	0.00	0.00	50,000.00	0.00		
	Subtotal	560,000.00	0.00	53,250.00	0.00	53,250.00	9.51	506,750.00	5,325.00		
G7-000	SBR/Chem Feed & Process Piping										
G7-001	SBR Equipment	790,000.00	452,754.47	0.00	0.00	0.00	57.31	337,245.53	45,275.45		
G7-002	Polymer Feed System	18,000.00	0.00	0.00	0.00	0.00	0.00	18,000.00	0.00		
G7-003	Chem Feed Pumps & Piping	18,000.00	0.00	0.00	0.00	0.00	0.00	18,000.00	0.00		
G7-004	Inline Static Mixers	25,500.00	0.00	0.00	0.00	0.00	0.00	25,500.00	0.00		
G7-005	Inline Grinder	8,500.00	0.00	0.00	0.00	0.00	0.00	8,500.00	0.00		
G7-006	Utility Water Pumps & Controls	80,000.00	0.00	0.00	0.00	0.00	0.00	80,000.00	0.00		
G7-007	Instrumentation & Controls	127,000.00	0.00	0.00	0.00	0.00	0.00	127,000.00	0.00		
G7-008	FRP Chemical Tank	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00		
G7-009	Process Piping	245,000.00	0.00	0.00	0.00	0.00	0.00	245,000.00	0.00		
G7-010	Relocated Apple Brook Pump	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00		
	Subtotal	1,345,000.00	452,754.47	0.00	0.00	452,754.47	33.66	892,245.53	45,275.45		
G8-000	Filtration & UV System										
G8-001	Disk Filters	470,000.00	0.00	0.00	0.00	0.00	0.00	470,000.00	0.00		
G8-002	Filter Feed Pumps	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00		
G8-003	UV System	180,000.00	0.00	0.00	0.00	0.00	0.00	180,000.00	0.00		
	Subtotal	660,000.00	0.00	0.00	0.00	0.00	0.00	660,000.00	0.00		
G9-000	Sludge Digestion & Post EQTank										

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Application and Certificate For Payment --- page 7

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

Application No: 6 Date: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Period To: 06/30/09

Item Number	Description	Scheduled Value	Work Completed			Materials Presently Stored	Completed and Stored to Date	%	Balance to Finish	Retention	Memo
			Previous Application	This Period							
G9-001	Demo Interior	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	0.00	
G9-002	Sandblasting & Painting	160,000.00	0.00	0.00	0.00	0.00	0.00	160,000.00	0.00	0.00	
G9-003	Course Bubble Diffuser	30,000.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0.00	0.00	
G9-004	Centrifugal Blower Recondition	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	0.00	
G9-005	Aeration Tank Rehabilitation	45,000.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00	0.00	
	Subtotal	275,000.00	0.00	0.00	0.00	0.00	0.00	275,000.00	0.00	0.00	
GG10-000	Sludge Dewatering Bldg Addition										
GG10-001	Demo Centrifuge	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	0.00	
GG10-002	Demo Building	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	0.00	
GG10-003	Sawcut Floor	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	0.00	
GG10-004	Excavate Footers	12,000.00	0.00	0.00	0.00	0.00	0.00	12,000.00	0.00	0.00	
GG10-005	Form & Pour Footers	8,000.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0.00	0.00	
GG10-006	Masonry Frost Walls	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	0.00	
GG10-007	Backfill	6,000.00	0.00	0.00	0.00	0.00	0.00	6,000.00	0.00	0.00	
GG10-008	Underslab Plumbing	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	
GG10-009	Misc Metals	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	0.00	
GG10-010	Pour Concrete Slab	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00	0.00	
GG10-011	Masonry Walls	35,000.00	0.00	0.00	0.00	0.00	0.00	35,000.00	0.00	0.00	
GG10-012	Dryvit	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00	0.00	
GG10-013	Frames & Doors	1,500.00	0.00	0.00	0.00	0.00	0.00	1,500.00	0.00	0.00	
GG10-014	Overhead Doors	6,000.00	0.00	0.00	0.00	0.00	0.00	6,000.00	0.00	0.00	
GG10-015	Trolley & Hoist	4,000.00	0.00	0.00	0.00	0.00	0.00	4,000.00	0.00	0.00	
GG10-016	Carpentry	39,000.00	0.00	0.00	0.00	0.00	0.00	39,000.00	0.00	0.00	
GG10-017	Painting	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	0.00	0.00	
GG10-018	Plumbing	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	
GG10-019	HVAC	7,500.00	0.00	0.00	0.00	0.00	0.00	7,500.00	0.00	0.00	

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Application and Certificate For Payment -- page 8

To Owner: East Goshen Municipal Authority
 From (Contractor): Worth and Company, Inc.
 Project: Ridley Creek WWTP

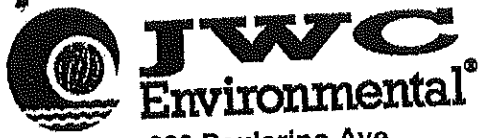
Application No: 6 Date: 06/30/09 Period To: 06/30/09
 Contractor's Job Number: P28001
 Architect's Project No:

Item Number	Description	Scheduled Value	Work Completed			Materials Presently Stored	Completed and Stored to Date	Balance to Finish	Retention	Memo
			Previous Application	This Period	%					
GG11-000	Sludge Dewatering System & Pipe									
GG11-001	Centrifuge	525,000.00	0.00	0.00	0.00	0.00	525,000.00	0.00		
GG11-002	Progressive Conveying System	7,000.00	0.00	0.00	0.00	0.00	7,000.00	0.00		
GG11-003	Sludge Conveying System	18,000.00	0.00	0.00	0.00	0.00	18,000.00	0.00		
GG11-004	Process Pipe	200,000.00	0.00	0.00	0.00	0.00	200,000.00	0.00		
GG12-000	Site Paving									
GG12-001	Lump Sum	50,000.00	0.00	0.00	0.00	0.00	50,000.00	0.00		
GG13-000	Engineered Fill									
GG13-001	Lump Sum	4,400.00	0.00	0.00	0.00	0.00	4,400.00	0.00		
GG14-000	Flowable Fill									
GG14-001	Lump Sum	11,000.00	0.00	0.00	0.00	0.00	11,000.00	0.00		
GG18-000	Alternate G-18									
GG18-001	Lump Sum	125,000.00	0.00	0.00	0.00	0.00	125,000.00	0.00		
	Subtotal	1,180,400.00	0.00	0.00	0.00	0.00	1,180,400.00	0.00		

Application Total 7,865,400.00 2,690,234.47 135,750.00 162,000.00 2,987,984.47 37.99 4,877,415.53 298,798.45

8039

909



290 Paularino Ave.
Costa Mesa, CA 92626
(949) 833-3888

Invoice No: 28796
Date: 6/16/2009
Order No: 105661
Page No: 1
F.O.B: Destination

Sold To
Worth and Company, Inc.
6263 Kellers Church Road
Pipersville, PA 18947
USA

Ship To
Worth and Company, Inc.
c/o Ridley Creek WWTP
1751 Towne Road
West Chester, PA 19380

CUSTOMER ID	CUSTOMER PO	PAYMENT TERMS	FREIGHT TERMS		
5040005	43172	NET 45 DAYS	Freight: Prepaid		
SALES REP ID	SHIPPING METHOD	SHIP DATE	INVOICE DUE DATE		
035	Breck Transportation	6/16/2009	7/31/2009		
QUANTITY	ORD	SHR	BECK	PART	DESCRIPTION

1	1	1	0	FRAME WELDMENT	ACE3210-480
2	1	1	0	CMD3210-XDS2.0	CMD3210-XDS2.0
3	1	1	0	AUGER	AMA3200-480
4	1	1	0	CONTROLLER ASSY	CONTROLLER ASSEMBLY
8	1	1	0	Freight	Freight Out - New Unit
9	1	1	0	FSU	Factory Start Up
10	1	1	0	SU	Start Up
11	1	1	0	AMA0100-113-BR	ASSY, STRAINER 1"NPT BZ
12	2	2	0	AMA0473-3628-SS	SUPPORT ASSY, A-FRAME 304
13	1	1	0	AMA0470-0028-SS	SUPPORT ASSY, CONVEYOR 28"H SS
14	2	2	0	AMC1052-1109-0480-SS	SUPPORT, TRANSDUCER XE SS
15	2	2	0	E15-022-002	LEVEL TRANSDUCER, 2-WIRE HAZ. (FM)
16	1	1	0	AMA0470-0018-SS	SUPPORT ASSY, CONVEYOR 18"H SS
17	1	1	0	AMA0160-3200-480-35	BRUSH KIT, AMA3200-480 35DEG
18	3	3	0	31017-0011-FB	CUTTER 11T CAM .310 4130STL
19	3	3	0	30024-FB/E	SPACER FB .319 4130 STL
20	1	1	0	CMAGAD-010	CMD-10" GASKET KIT C/R CMD-AD/XD
21	1	1	0	AMA0480	GASKET KIT, 480MM DIA AUGER
22	1	1	0	E07-001-152	PILOT LIGHT LED AMB 120V
23	1	1	0	E07-001-151	PILOT LIGHT LED GRN 120V
24	1	1	0	E07-001-150	PILOT LIGHT LED RED 120V
25	1	1	0	E06-130-0200	FUSE, 2A, 250V, TIME DELAY
26	1	1	0	E06-130-0100	FUSE, 1A, 250V, TIME DELAY
27	1	1	0	E06-110-0500	FUSE, 5 AMP, 600V
28	1	1	0	E06-130-1000	FUSE, 10A, 250V, TIME DELAY
29	1	1	0	E22-002-212	NEMA7 8-OPER. CNTRL. STN.
30	1	1	0		BACK-UP PLC PROGRAM ON CD

RECEIVED
JUN 25 2009
WORTH & COMPANY, INC.

SUB TOTAL: \$162,000.00
SALES TAX: 0.00

TOTAL AMOUNT DUE: \$162,000.00

G4-001

JH

LS

EAST GOSHEN TOWNSHIP
MUNICIPAL AUTHORITY MEETING MINUTES
JUNE 8, 2009

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, June 8, 2009 at 7:00 PM at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Mike Steinberger, Dana Pizarro, Jack Yahraes, and Joe McCawley. Also in attendance were: Township Manager Rick Smith, Authority Engineer Evan Andrews (Pennoni), Authority Solicitor Bob Adams, Carmen Battavio (BOS), Scott Towler from Artesian and Brickhouse Environmental, Dave Evans from Brickhouse, Mark Falcone, project manager from Dutchland, and Dave Havarks from Brickhouse.

COMMON ACRONYMS:

*MA – Municipal Authority
HC – Historical Commission
PC – Planning Commission
CB – Conservancy Board
PR – Park & Recreation Board
BOS – Board of Supervisors*

*I&I – Inflow & Infiltration
RCSTP – Ridley Creek Sewer Treatment Plant
LCSTP – Lockwood Chase Sewer Treatment Plant
DEP – Department of Environmental Protection
EPA – Environmental Protection Agency
PHMC – Pennsylvania Historical Museum Commission
NPDES – National Pollutant Discharge Elimination System*

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1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

Fran Beck called the meeting to order at 7:00 PM and led those present in the Pledge of Allegiance.

Rick Smith noted that Linda Jones, the Recording Secretary, would be using a digital recorder to record the meeting and that the recording will be deleted upon approval of the minutes.

2. APPROVAL OF INVOICES

- A. Pennoni- Invoice # 402438-Marydell Diversion Planning.
Mike moved to approve payment to Pennoni for Marydell Diversion Planning in the amount of \$ 157.50. Fran seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- B. Pennoni- Invoice # 402439 for 2007 Annual Services. Joe moved to approve payment to Pennoni for 2009 Annual Services in the amount of \$2452.00.
Mike seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- C. Pennoni-Invoice # 402437-WG Diversion Project Planning. Jack moved to approve payment to Pennoni for WG Diversion Project Planning in the amount of \$258.00.
Mike seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- D. Pennoni-Invoice # 402433-Pump Station Special Study.
Mike moved to approve payment to Pennoni for Pump Station Special Study in the amount of \$ 112.25. Joe seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- E. Pennoni-Invoice # 402432-LCSTP Decommissioning Planning. Joe moved to approve payment to Pennoni in the amount of \$86.00 for LCSTP Decommissioning

1 Planning. Dana seconded the motion. No further discussion or public comment was
2 heard. The motion passed unanimously.

3
4 **3. CHAIR REPORT**

5 Fran made note of an issue that occurred a few weeks prior of letters of delinquency being
6 sent out to residents who had paid their sewer bill on time. Apparently, the late notices had
7 been generated before all of the payments had been entered. This caused some residents to
8 erroneously receive a late notice. Rick noted that the procedure had been change to prevent
9 this from happening again.

10
11 Fran submitted the newsletter article to the township. The theme of the newsletter
12 emphasized how the township provides services to improve economy and make people feel
13 better.

14
15 Fran also mentioned that Jack attended the West Goshen Township meeting and bids for
16 electrical and construction were opened.

17
18 **4. PROJECT MANAGER REPORT**

19 *Scott Towler reviewed the June 3rd report for the month of May. This will be a standing*
20 *item moving forward.*

21 Meter vaults have been backfilled. Influent meter vault has been installed and backfilled as
22 well and is at finished grade. The Influent Lift Station is close to completion, the riser pipes
23 still need to be installed and cracked or chipped concrete will need to be repaired.

24
25 The valve vault is nearly completed with most of the equipment installed. Manhole#1 is
26 completed as well with final risers to be installed shortly. The screen building excavation is
27 also complete, additional excavation was required due to poor soil. The excavation was
28 brought to finished grade with #2 stone and the voids were filled with 3/4" stone.

29
30 There has been a change in concrete sub-contractors for Worth. The new sub-contractor is
31 Heim. Pennoni requested the new sub-contractor acknowledge that they would honor the
32 current shop drawings and specs. Pennoni did approve and is waiting for a letter from Heim
33 stating that they will in fact honor current specs and materials so the Authority doesn't have
34 to get change order requests in the future. There was a two week start up delay while the old
35 sub-contractor moved out and Heim took over. Form work and rebar for the base of screen
36 building was installed.

37
38 The influent force main to the SBR is completed up to the header pipe. Portions of the
39 influent discharge main were installed as well. SBR tank #4 was to be power washed to prep
40 for patchwork.

41
42 SBR Tank - 2 issues came to light at last construction project meeting.

- 43
44 1. The treatment units are made of fiberglass are UV sensitive and stored on site. Worth
45 is taking the necessary precautions to protect the materials from the elements. Joe
46 added that it is important to get a release of liens from Sunrise before Worth is paid.
47 Jeff Beach from Worth commented that no invoices were submitted by Sunrise. Joe
48 noted that he would like to see the signed release of liens. Jeff added that Worth
49 would supply that to the Authority.

- 2. Annual inspections of the SBR Tank Walls, to be conducted by the operator of the plant, will be costly. A procedure and budget needs to be put together so that funds are available to adhere to the needed inspections over the course of the probable 20 year warranty.

As of June 8th, the electrical contractor, Clinger is off site. They have completed as much work as possible at this stage of construction. Clinger will return once the buildings are erected. In addition, Clinger has demobilized everything from the site. Dana asked if any materials are on site, and how are they being preserved. Scott answered that 90% of the materials have been installed and the rest are being stored in their trailer.

Joe questioned how the weather was affecting the project. Scott added that crews are unable to do trench and excavation work due to the rain. Joe also asked if there are any disputes to be addressed. Scott noted that there are no disputes. Joe referred to the project manager's report item E on page three of five, noting that as of May 27th, Dutchland responded to a letter dated May 26 from Pennoni in reference to sealing the entire wall, as well as the extension of the warranty. Evan noted that they have not declined, they just haven't addressed at this time.

5. APPROVAL OF INVOICES-Ridley Creek

- A. Hammond & McCloskey Inc.- Invoice # 3939-Ridley Creek Treatment Plant for relocating of piping. Mike moved to approve payment to Hammond & McCloskey in the amount of \$ 1,910.28. Jack seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- B. Municipal Supply- Invoice # 720819 for directional signs. Jack moved to approve payment to Municipal Supply in the amount of \$150.00. Joe seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- C. Lenni Electric Corporation-Invoice # 30953-Ridley Creek Station for the relocation of a GFI outlet for the hot water heater. Joe moved to approve payment to Lenni for in the amount of \$264.86. Mike seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- D. Worth and Company- Mike moved to approve payment to Worth and Company in the amount of \$ 485,103.12. Jack seconded the motion. No further discussion or public comment was heard. The motion passed unanimously. It was noted that the release of liens and materials release have been received
- E. Brickhouse Enviromental-Invoice # 4786. Joe moved to approve payment to Brickhouse in the amount of \$8, 52.50. Dana seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- F. Clinger Corporation- Mike moved to approve payment to Clinger Corporation in the amount of \$ 77,973.43. Jack seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.
- G. Pennoni – Inv. # 402434 in the amount of \$36, 222.75. Inv. # 404306 in the amount of \$32,787.46 and Inv. # 406692 in the amount of \$23, 845.96. Joe moved to approve payments totaling \$92, 856.17. Mike seconded the motion.

6. APPROVAL OF MINUTES

The minutes of May 11, 2009 were reviewed and corrected. Jack moved that the minutes of the May 11, 2009 meeting be approved as corrected. Dana seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.

7. ENGINEERING REPORT

Evan reported that the meter data report would be ready in the next week and Evan will get it to Rick in the days to come. Evan added that a hydraulic system characterization is required. A model to demonstrate that there are no constraints in the sewer system will be prepared taking the township's scanned drawings of the sewer system.

Marydell Pump Station- Enviromental/historic notifications have been submitted and plans have been started.

The H2O grant and Chapter 94 Report have been submitted and no response has been forthcoming to date.

8. LIAISON REPORTS

Walter Wujcik, Conservancy Board- reported that trees have been planted for the reforestation project at Line Road and Paoli Pike. In addition CTDI revised their vegetation screen plantings.

9. FINANCIAL REPORT

Mike reviewed the financial report; there were no issues to report. No further discussion or public comment was heard.

10. GOALS

Joe will need to submit an article for the newsletter by August 12th.

11. OLD BUSINESS

Resolution No. 29- Jack moved to adopt the resolution. Dana seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.

12. NEW BUSINESS-

The paving of RCSTP by the Township was considered. It was agreed to hold off until Mark Miller was present.

13. SEWER REPORTS - none

14. PUBLIC COMMENT - none

15. ADJOURNMENT

Mike moved that the MA adjourn. Joe seconded the motion. No further discussion or public comment was made. The motion carried unanimously. The meeting adjourned at 8:45 PM.

Respectfully submitted by: _____
Linda Jones, Recording Secretary

EAST GOSHEN TOWNSHIP
MUNICIPAL AUTHORITY MEETING MINUTES
JUNE 18, 2009

The East Goshen Township Municipal Authority held a special meeting on Thursday June 19, 2009 at 9:00 AM at the East Goshen Township building. Members in attendance were: Fran Beck and Jack Yahraes and Joe McCawley. Mike Steinberger and Joe McCawley participated via speaker phone. Also in attendance were: Township Manager Rick Smith, Director of Public Works, Mark Miller, Scott Towler, Brickhouse Associates, and Matt Mcaloon, Pennoni Associates

COMMON ACRONYMS:

MA – Municipal Authority
HC – Historical Commission
PC – Planning Commission
CB – Conservancy Board
PR – Park & Recreation Board
BOS – Board of Supervisors

I&I – Inflow & Infiltration
RCSTP – Ridley Creek Sewer Treatment Plant
LCSTP – Lockwood Chase Sewer Treatment Plant
DEP – Department of Environmental Protection
EPA – Environmental Protection Agency
PHMC – Pennsylvania Historical Museum Commission
NPDES – National Pollutant Discharge Elimination System

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

Fran Beck called the meeting to order at 9:00 AM.

2. RIDLEY CREEK SEWER TREATMENT

Rick Smith reported that Worth (General Contractor for the RCSTP Project) had removed Blower #2 at the RCSTP and sent it to Gardner Denver to be rebuilt. The Authority had previously authorized repairs to the blower. He noted that Gardner Denver has advised the Authority that the motor has a vibration and that they would not warrant the blower with the existing motor. Gardner Denver has a replacement motor and the cost would be \$1,431.

Joe McCawley made a motion to approve the purchase of the replace motor for \$1,431. Jack Yahraes seconded the motion. No further discussion or public comment was heard. The motion passed unanimously.

Mark Miller noted that he had directed Gardner Denver to ship the defective motor to the Township and that he would have it rebuilt and kept for a spare.

Rick Smith reported that he had been in contact with Dutchland (SBR Subcontractor) and recommended that the Authority authorize them to proceed with the repairs to the SBR tanks (seal the SBR tank walls from a specific distance below the lowest crack and above the highest crack) with the condition that Pennoni and Dutchland's engineers complete there review of the plans for the SBR walls. If both engineers agree that the walls do not meet the ACI standards then the warranty period will be extended to 20 years. If both engineers agree they meet ACI standards then the warranty period will stay at the original 10 year period specified in the specifications. If they disagree the two engineers will select a third engineer, who is acceptable to both, who will review the calculations and make a decision.

232

It was then consensus of the members that they would prefer to wait until Pennoni has finished their review of the plans for the walls before taking any action. Rick was asked to send a letter to Worth and "cc" Dutchland advising them of the Authority's decision.

3. PUBLIC COMMENT – none

4. ADJOURNMENT

Mike moved that the MA adjourn. Jack seconded the motion. No further discussion or public comment was made. The motion carried unanimously. The meeting adjourned at 9:51 AM.

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

5 MINUTES
C.
3 pgs

EAST GOSHEN TOWNSHIP
MUNICIPAL AUTHORITY MEETING MINUTES
JULY 2, 2009

The East Goshen Township Municipal Authority held a special meeting on Thursday July 2, 2009 at 7:30 AM at the East Goshen Township building. Members in attendance were: Fran Beck, Dana Pizarro, Mike Steinberger, Jack Yahraes and Joe McCawley. Also in attendance were: Township Manager Rick Smith, Director of Public Works Mark Miller, Jeff Beach & Fred Papiernik from Worth Associates, Fred Ciufu and Matt McAloon from Pennoni Associates, Scott Towler and Dave Evans from Brickhouse Associates, and Mary Ann Stoltzfus from Dutchland.

COMMON ACRONYMS:

MA – Municipal Authority
HC – Historical Commission
PC – Planning Commission
CB – Conservancy Board
PR – Park & Recreation Board
BOS – Board of Supervisors

I&I – Inflow & Infiltration
RCSTP – Ridley Creek Sewer Treatment Plant
LCSTP – Lockwood Chase Sewer Treatment Plant
DEP -- Department of Environmental Protection
EPA – Environmental Protection Agency
PHMC – Pennsylvania Historical Museum Commission
NPDES – National Pollutant Discharge Elimination System

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

Fran Beck 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

Jeff Beach thanked the Authority for scheduling the meeting and introduced Mary Ann Stoltzfus of Dutchland.

Mary Ann noted that she is aware of the Authority's concerns about the SBR Tank Wall and that her presentation is designed to address these concerns.

In response to the questions of "why are their cracks?" she noted that the panels flex slightly under load. Concrete is strong in compressions and weak in tension while the re-bar is just the opposite.

With regards to the question of whether or not Dutchland provided the specified product Mary Ann distributed a copy of a June 30, 2009 letter from Steven Close, and his resume, noting that he is a recognized expert in the field and sits on the American Concrete (ACI) 350 Committee. In his letter Steven Close "opines" that "Dutchland's tank design and reinforcing bar detailing for the Ridley Creek" is in conformance with ACI 350-06 Code.

Mary Ann also noted that she was aware of the other concerns that the Authority had with the SBR Tank.

1. With regards to the SBR Tank location she noted that the tanks were staked out by Worth.
2. As for the water stop, she stated that Dutchland pulled the tape from the wrong location. However, this problem has been corrected.

- 3. She noted that the steps and hoist sockets were noted on the plans, however, drilling them after the fact is acceptable, and this will be done at Dutchland's expense.
- 4. As for the corbels or shims Dutchland missed them during construction and will install them.

She suggested a remediation plan that would consist of Dutchland sealing the cracks, drilling and installing the anchors for the stairs and hoists, and installing the shims. Mary Ann also distributed a Tank Warranty/Inspection agreement dated July 1, 2009 which would address what would occur during the 10-year warranty period. She then asked for questions or comments from the Authority.

Joe McCawley noted the Authority had a lot of issues with this project which caused it to hire a Project Manager.

Dana Pizarro questioned "when did the cracks occur?" He commented that it was reported that Dutchland's engineer had stated that it may have been a result of handling. Mary Ann noted that this was a casual off the cuff remark made during the initial part of the investigation.

Joe McCawley asked if it would be possible to install piers to strengthen the wall and Mary Ann advised that they would not be needed.

Fred Papiernik asked about the tank the Dutchland had constructed for a similar project last year, which apparently had significantly more steel in it. Mary Ann stated that tank was next to an active quarry and the design criteria were different.

In response to a statement from Mark Miller that the liquid levels in the tank will vary during the treatment process, which may cause the wall to flex, and the crack to open and close. Mary Ann stated that the sealer would address this issue.

Dana Pizarro asked about the warranty and Mary Ann suggested that there would be a separate warranty for the flexural cracks in the walls.

Mike Steinberger questioned the amount of time it was taking to resolve this problem. Mary Ann stated that Dutchland had responded to Pennoni's requests for information within 24 hours. Pennoni then had to review the information, which naturally took longer, but she felt both engineers were trying to resolve the matter as quickly as possible.

Rick Smith questioned if Dutchland had provided Pennoni with all of the information that it had given to Steven Close. Mary Ann was not sure, but said she would do so.

Rick Smith suggested the following course of action.

- 1. Dutchland will forward to Perry Schram, Pennoni's Structural Engineer, the information that was sent to Steve Close of Jorgensen & Close Associates, so everyone has the same data.
- 2. Pennoni's Structural Engineer will meet with Dutchland's in house structural engineer next week and review the calculations face to face.

- 1 3. If Pennoni's Structural Engineer concludes, based upon new information, that the SBR
- 2 tank walls comply with ACI 350, then the tank will be deemed acceptable to the
- 3 Authority.
- 4 4. If Pennoni's Structural Engineers does not change his original conclusion, a third party
- 5 engineering firm (mutually agreed upon by Dutchland and Pennoni) will review the
- 6 aforementioned data and verify if the design meets ACI 350 standards.
- 7 5. Dutchland can begin making repairs to the cracks in the SBR tank walls, at their own
- 8 risk.
- 9

10 Mary Ann stated Dutchland would be willing to travel to Pennoni's State College office if
 11 required, and will make Steve Close available by phone if need be.

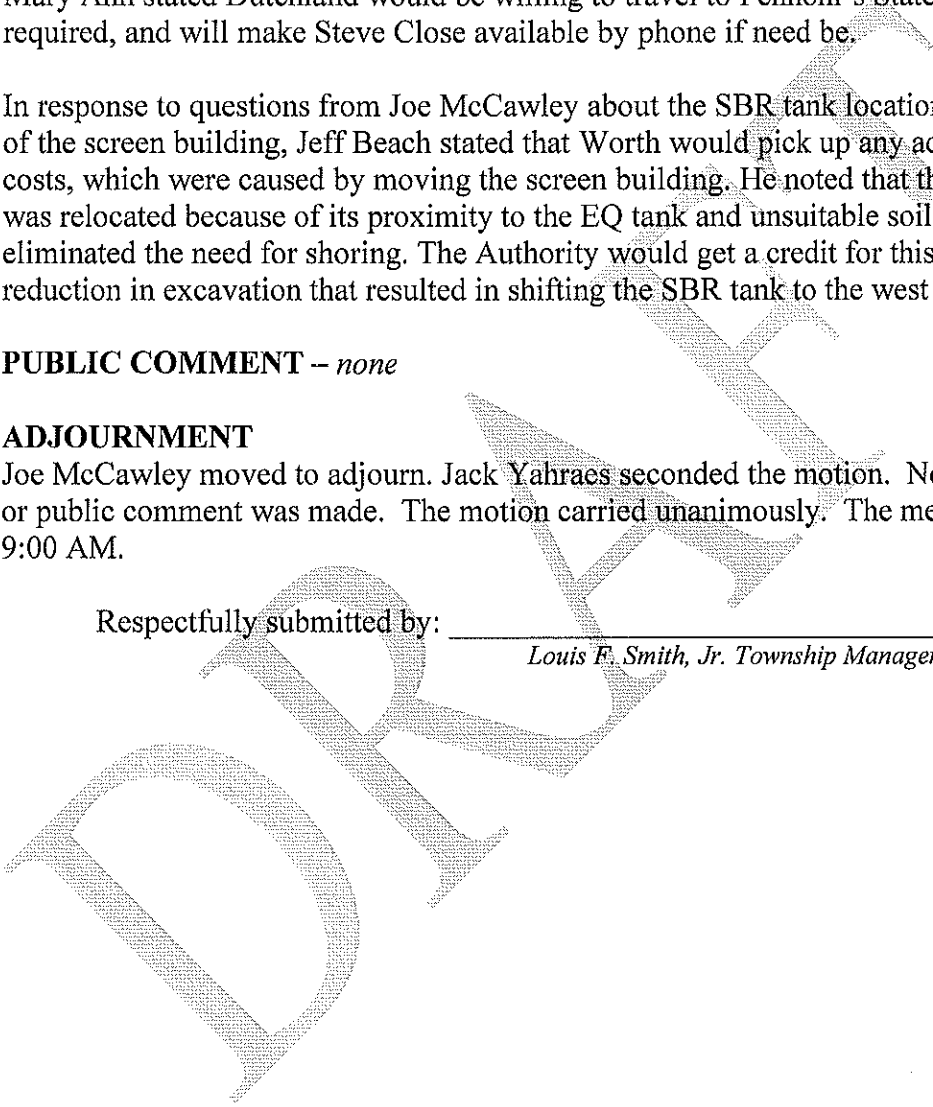
12
 13 In response to questions from Joe McCawley about the SBR tank location and the relocation
 14 of the screen building, Jeff Beach stated that Worth would pick up any additional electrical
 15 costs, which were caused by moving the screen building. He noted that the screen building
 16 was relocated because of its proximity to the EQ tank and unsuitable soil. Doing this
 17 eliminated the need for shoring. The Authority would get a credit for this and for the
 18 reduction in excavation that resulted in shifting the SBR tank to the west eight feet.

19
 20 **3. PUBLIC COMMENT -- none**

21
 22 **4. ADJOURNMENT**

23 Joe McCawley moved to adjourn. Jack Yahraes seconded the motion. No further discussion
 24 or public comment was made. The motion carried unanimously. The meeting adjourned at
 25 9:00 AM.

26
 27 Respectfully submitted by: _____
 28 *Louis F. Smith, Jr. Township Manager*





Gawthrop Greenwood, PC
Attorneys at Law

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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
05/31/2009
Client No: 6604-06M
Statement No. 71275

Ridley Creek Treatment Plant Upgrades/ Expansion

Fees

		Hours	
05/11/2009	RFA Review Pennoni proposal for additional services.	0.40	
05/15/2009	RFA Review message from Mark Miller and photographs of job progress.	0.30	
	For Current Services Rendered	0.70	133.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	0.70	\$190.00	\$133.00
Previous Balance			\$1,254.00
Total Current Charges			133.00
05/18/2009	Fee Payment		-1,254.00
	Balance Due		\$133.00

OK TRS 7/18/09

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.



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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
05/31/2009
Client No: 6604-01M
Statement No. 71274

General Authority Services

Fees

		Hours	
05/11/2009	RFA	Review packet for 5/11/09 Authority meeting; attend regular meeting of Authority.	3.50
05/29/2009	PMM	Emails to/from I. Pincus, Esq. regarding partial release of judgment lien; Draft Email to R. Smith regarding same.	0.60
For Current Services Rendered			4.10
			779.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	3.50	\$190.00	\$665.00
Patrick M. McKenna	0.60	190.00	114.00

Previous Balance \$437.00

Total Current Charges 779.00

05/18/2009 Fee Payment -437.00

Balance Due \$779.00

Twp Omega
6/15
OK Per Rick
\$665.00 for MA

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.

**2009
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
JULY REPORT**

ON-GOING

1. Submit an article for each newsletter.
 - a. Need by 2/11/08 Mike **Completed**
 - b. Need by 5/13/09 Fran **Completed**
 - c. Need by 8/12/09 Joe
 - d. Need by 11/9/08 Dana
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (3/4/09) Mike **Completed**
 - b. 2nd Quarter (6/30/09) Jack **Completed**
 - c. 3rd Quarter (9/2/09) Dana
 - d. 4th Quarter (12/2/09) Fran
3. Respond to capacity requests in 45 days or less.
 - a. **Angelini, 957 Cornwallis Drive 1 EDU - 14 days**
4. Implement I& I Plan – **Currently on Schedule**
5. Conduct an annual facilities tour in June. **Put on hold until after construction is complete**

RIDLEY CREEK PROJECT

Monitor Construction – Excavation and steel complete for SBR slab. SBR panels are currently being poured by Dutchland. Slab poured, commenced excavation for lift station. Lift station installed, Valve Vault installed. SBR panels installed. Poles moved, SBR tank almost completed. Project Manager on board on 4/28. **Screen Building under construction. Repairs being done on SBR Walls.**

ACT 537 PLANNING

1. Obtain Act 537 Plan approval for the Lockwood STP Abandonment Project – Board of Supervisors scheduled to adopt resolution on 2/17. BoS approved resolution on 3/3/09. Submitted to DEP on 3/5/09. Received 3/26/09 comment letter
2. Obtain Act 537 Plan approval for the Greenhill PS Redirection and the Reserve PS Abandonment Project Board of Supervisors scheduled to adopt resolution on 2/17. BoS approved resolution on 3/3/09. Submitted to DEP on 3/5/09. Received 3/27/09 comment letter
3. Obtain Act 537 Plan approval for the Marydell PS Abandonment project. Met with DEP to review project on 2/5. Submitted Task Activity Report to DEP on 2/9/09. Task Activity report approved by DEP on 2/27/09
4. Obtain Act 537 Plan approval for the Reservoir Road PS Diversion Project. Submitted 2007 Sewer Study to DEP on 2/9/09. Received 3/3/09 comment letter from DEP.

FUNDING

Apply for funding for above projects once Act 537 approval has been obtained. Started preparation of a PA H2O grant for RCSTP. Applied for H2O Grant on 2/11/09.

11 OLD BUSINESS
b.
8 pgs

Memo
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380
Voice (610) 692-7171
Fax (610) 692-8950
Email rsmith@eastgoshen.org

To: Board of Supervisors
Municipal Authority
From: Rick Smith, Township Manager
Date: June 25, 2009
Re: FOURTH SUPPLEMENTAL LEASE

Attached please find the FOURTH SUPPLEMENTAL LEASE between East Goshen Municipal Authority and East Goshen Township for your review. The LEASE has been reviewed and approved by Bob Adams and Kristin Camp.

2008

FOURTH SUPPLEMENTAL LEASE

DATED DECEMBER 15, 2008

BETWEEN

EAST GOSHEN MUNICIPAL AUTHORITY

AND

TOWNSHIP OF EAST GOSHEN

FOURTH SUPPLEMENTAL LEASE

THIS FOURTH SUPPLEMENTAL LEASE dated December 15, 2008, by and between **EAST GOSHEN MUNICIPAL AUTHORITY**, an authority organized and existing under the laws of the Commonwealth of Pennsylvania ("Authority") and the **TOWNSHIP OF EAST GOSHEN**, a municipality organized and existing under the laws of the Commonwealth of Pennsylvania ("Township"),

WITNESSETH:

WHEREAS, the Authority is a body corporate and politic organized by the Board of Supervisors of the Township of East Goshen, Chester County ("Township") and existing under the Municipality Authorities Act of 1945 (Act of May 2, 1945, P.L. 382, as amended and supplemented) of the Commonwealth of Pennsylvania ("Act"), as evidenced by its Certificate of Incorporation dated May 23, 1967; and

WHEREAS, the Authority was organized for the purpose of acquiring, holding, constructing, improving, maintaining and operating, owning, leasing, either in the capacity of lessor or lessee, sewers, sewer systems, or parts thereof, and sewage treatment works, including works for treating and disposing of industrial waste for the Township and for such other territory as it may be authorized to serve; and

WHEREAS, the Authority has acquired and constructed in increments a sewage collection and treatment system, which by a Contract and Lease dated December 30, 1968 ("Original Lease") it has leased to the Township, including any real estate thereafter acquired for or in connection therewith (collectively called "Sewer System"); and

WHEREAS, the Authority heretofore issued its Sewer Revenue Bonds, Series of 1968 ("1968 Bonds") secured by the Authority's Trust Indenture dated December 30, 1968 ("Original Indenture") with the National Bank of Chester County and Trust Company, as trustee, of which bank First Union National Bank is the successor by a series of mergers ("1968 Trustee"); and

WHEREAS, simultaneously with the execution of the Original Lease, the Authority assigned its interest therein to the 1968 Trustee under the Original Indenture; and

WHEREAS, to provide money for and toward the estimated cost of construction of certain Capital Additions to the Sewer System, the Authority has issued its Sewer Revenue Bonds, Series 1994 ("1994 Bonds") under and secured by the Original Indenture as supplemented by a Second Supplemental Indenture dated December 1, 1994; and

WHEREAS, the Authority sold and issued the 1994 Bonds to the Delaware Valley Regional Finance Authority ("DVRFA"); and

WHEREAS, the Authority and the Township entered into a Second Supplemental Lease dated December 1, 1994 ("Second Supplemental Lease") amending and supplementing the

Original Lease, which Second Supplement Lease was assigned to the 1968 Trustee to secure the 1994 Bonds; and

WHEREAS, the Authority, at the request of the Township, undertook certain improvements to the Sewer System in 1998 consisting of a capital contribution to be made to West Goshen Municipal Authority to purchase additional treatment capacity in the expanded plant of such Authority (collectively "1998 Improvements"); and

WHEREAS, the Authority also determined in 1998 to refund the 1968 Bonds and the 1994 Bonds (collectively "Refunded Bonds"); and

WHEREAS, in order to provide money toward the cost of redemption and payment of the Refunded Bonds and the costs of the 1998 Improvements, the Authority issued to DVRFA its Guaranteed Note Series of 1998 in the principal amount of \$1,340,000 ("1998 Note") pursuant to a Loan Agreement dated October 28, 1998 ("1998 Loan Agreement") with DVRFA; and

WHEREAS, the 1968 Trustee redeemed all of the Refunded Bonds on December 15, 1998 and, as authorized by the Indenture, the 1968 Trustee reassigned the Lease to the Authority; and

WHEREAS, the Authority and the Township entered into a Third Supplemental Lease dated October 15, 1998 ("Third Supplemental Lease") amending and supplementing the Original Lease and the Second Supplemental Lease; and

WHEREAS, the Authority has determined to undertake certain capital projects ("2008 Improvements") consisting of (i) the upgrade and expansion of the Ridley Creek Sewer Plant, (ii) improvements to the Sewer System, and (iii) the payment of the costs of issuance of the \$9,500,000 Guaranteed Sewer Revenue Notes, 2008 Series ("2008 Note") pursuant to a Loan Agreement dated December 15, 2008 ("2008 Loan Agreement") with DVRFA; and

WHEREAS, the Authority and the Township have both approved the plans for the 2008 Improvements as prepared by Pennoni Associates, Inc., consulting engineers for the Authority, and the estimated cost thereof; and

WHEREAS, the Township is willing to pay as additional rental under the Lease any amounts which may become due by the Authority under the 2008 Loan Agreement as described above (collectively "Rentals"); and

WHEREAS, the Township has agreed to lease the Sewer System from the Authority and to maintain and operate it, and has agreed in the Original Lease to fix, charge, impose and collect during the entire term of said Lease from the users of the Sewer System rents and charges which will be sufficient, together with other available funds (including tapping fees which are to be collected by it as agent of the Authority), to provide funds for the payment in each year of (i) the estimated expenses of operating, maintaining and repairing the Sewer System and the making of all ordinary improvements, additions and extensions which may be necessary or proper to provide or maintain adequate service, the costs of which are not otherwise provided for and the

payment of all applicable taxes, (ii) the rentals payable under the Original Lease and under any and all supplemental or additional sewer leases, and (iii) the Administration Expenses of the Authority.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, each intending to be legally bound hereby, the Authority and the Township do hereby agree as follows:

**ARTICLE I
DEFINITIONS**

Section 1.01. All capitalized terms used herein which are not defined herein shall have the same meanings as are set forth in the Original Lease, as amended.

**ARTICLE II
2008 IMPROVEMENTS**

Section 2.01. The Authority agrees, out of the proceeds to be received by it from the sale of the 2008 Note and such other money as may be available to it, to pay all expenses incurred by the Authority in connection with the issuance and sale of the 2008 Note and all expenses related to the 2008 Improvements and to reimburse the Township for expenses heretofore incurred by it with respect thereto.

Section 2.02. The Township acknowledges that it has complete and satisfactory information with respect to the 2008 Improvements and with respect to the estimated cost of construction of the 2008 Improvements. To the extent that the proceeds of the 2008 Note are insufficient to pay the cost of the 2008 Improvements, as it may be modified with the prior approval of the Township, the Township will either provide funds to pay such costs or assist the Authority in obtaining such funds through supplemental financing.

**ARTICLE III
AMENDMENTS TO ORIGINAL LEASE**

Section 3.01. The Original Lease is hereby amended as set forth below in this Article. Unless otherwise indicated herein, the previous amendments to the Original Lease shall remain in effect.

Section 3.02. The terms defined in the recitals hereto are hereby added as definitions to Article I of the Original Lease.

Section 3.03. Section 2.04 is hereby amended so that section shall hereafter read in full as follows:

A. The amount to the credit of the Sewer Revenue Account shall be applied by the Township for the payment of the expenses and operation, maintenance and repair of the Sewer System and the making of all ordinary improvements and additions to such System, and

the payment of administration expenses of the Authority. The Township agrees that it will not make any withdrawal from the Sewer Revenue Account except for the purposes and in the manner provided in this Section.

B. As long as the 2008 Note is outstanding, the Township shall pay to the Authority, in addition to the amounts due under the 1998 Note, as additional rentals ("Rentals") for use of the Sewer System, the following: (i) on the 25th day of each month beginning in January, 2009, an amount equal to the debt service on the Note becoming due on each such date, but not exceeding in the aggregate in any calendar year the amount specified as the maximum for such year as set forth on Schedule A attached hereto, which is based upon debt service becoming due on the Note at its maximum rate of 15% per annum; and (ii) promptly upon request by DVRFA from time to time, and to the extent the revenues of the Authority are insufficient for such purpose, all amounts becoming due by the Authority to DVRFA under the 2008 Loan Agreement, all as specified in bills from DVRFA, copies of which will be promptly sent by the Authority to the Township.

C. The Township shall no longer transfer annually, after receipt of the annual financial statements of the Sewer Revenue Account and the annual financial statements of the Authority for the preceding year, from the Sewer Revenue Account to the Township's General Fund, an amount equal to one-half of the excess of total revenue of the Sewer System over total expenses of the operation of the Sewer System, including administrative costs and debt service. Such excess revenue shall instead remain in the Sewer Operating Account and shall be used to fund the debt service of the 2008 Note.

D. The balance of the Capital Additions Fund, if any, created by the Third Supplemental Lease shall be invested only as permitted by the Municipality Authorities Act, and shall be used solely for any purpose related to the Sewer System.

Section 3.04. Section 2.16, as added by the Second Supplemental Lease and amended by the Third Supplemental Lease, is hereby amended to read in full as follows:

The Township hereby covenants and agrees that it will (i) include in its budget for each year the amounts payable in respect of its rental obligations under this Lease, as supplemented by the Fourth Supplemental Lease, and any subsequent Supplemental Lease, (ii) appropriate such amounts, from its general or other available revenues, to such payments, and (iii) duly and punctually pay, or cause to be paid, to the Authority or its assignee, from any of its revenues or funds, amounts due from it under the Lease, as so supplemented, at the times, in the manner, and according to the true intent and meaning thereof. For such budgeting, appropriation and payment, the Township hereby pledges its full faith, credit and taxing power. This covenant shall be specifically enforceable.

Section 3.05. Section 4.01 is hereby amended so that it will read in full as follows:

In the event that the Township shall fail to pay when due any of the Rentals provided for in Section 2.04 hereof, or shall fail to comply with any other of its covenants or agreements in this Contract and Lease, as the same has been supplemented and amended, for a

period of sixty (60) days after written notice from the Authority or its attorney, the Authority or its attorney may without further notice terminate this Contract and Lease, as so supplemented and amended, and take possession of the Sewer System and each and every part thereof. In the event that the Authority shall be entitled to terminate this Contract and Lease, as so supplemented and amended, upon default of the Township as aforesaid, any trustee appointed by the holders of the Note or other obligations of the Authority and pursuant to the Municipal Authorities Act of 1945, or any receiver appointed pursuant to said Act, may as the attorney-in-fact of the Authority exercise all its rights to terminate this Contract and Lease as above provided and may take possession of the Sewer System. In the event that this Contract and Lease shall be terminated as above provided, the Township shall surrender all its books and records relating to the Sewer System and all moneys held in the Sewer Revenue Account to whomever shall take possession of the Sewer System.

Section 3.06. Section 4.02 is hereby amended so that it will read in full as follows:

The Township shall furnish to the Authority (a) on or before May 31 of each year during the term of this Contract and Lease, as supplemented and amended, commencing May 31, 2009, an operating statement for the Sewer System for the preceding Fiscal Year. Such statements shall be in such form as may be reasonably required by the Authority, showing, among other things, sewer rents and other charges (including sewer connection charges) collected; sewer rents and other charges (including sewer connection charges) due and unpaid; the amounts paid to the Authority as Rentals under Section 2.04; the amount retained as working capital; the amounts transferred to the Capital Additions Fund; the amount of assessments, if any, made; the amounts, if any, paid to the Authority representing assessments and the amount of assessments due and unpaid.

The annual operating statements shall be prepared and certified by an independent certified public accountant satisfactory to the Authority. Such statements shall be accompanied by a certificate of such accountant stating whether in performing its audit, the accountant has become aware of any breach by the Township of any of the provisions of this Contract and Lease, as supplemented and amended, specifying the nature of the breach.

The Township shall furnish or cause to be furnished to the Authority and DVRFA on or before June 15 of each year commencing June 15, 2009, a copy of said operating statement and report for the preceding Fiscal Year and, in addition, the following (1) a copy of the complete financial statement of the Township for the preceding fiscal year; and (2) a copy of the budget of the Township for the current fiscal year.

Section 3.07. Section 4.06 which was added by the Second Supplemental Lease and amended by the Third Supplemental Lease at the end of Article IV of the Original Lease is hereby amended to read in full as follows:

As long as the 2008 Note is outstanding, the Township shall deliver to DVRFA, as soon as available and in any event within 120 days after the end of each fiscal year, audited financial statements of the Township or the Annual Audit and Financial Report submitted to the Department of Community and Economic Development of the Commonwealth of Pennsylvania.

The treasurer of the Township shall, at the reasonable request of the DVRFA or the DVRFA's trustee, discuss its financial condition and provide the DVRFA with any information or documents necessary for the credit enhancement, remarketing or rating of the DVRFA's outstanding bonds.

Section 3.08. Section 5.01 is amended to change the termination date of the Lease to June 25, 2032.

**ARTICLE IV
MISCELLANEOUS**

Section 4.01. This Fourth Supplemental Lease is executed and shall be considered as supplemental to and amendatory of the Original lease, as heretofore supplemented and amended by the Second and Third Supplemental Leases and shall form a part thereof, and the Original Lease, as so supplemented and amended, is hereby ratified and confirmed.

Section 4.02. This Fourth Supplemental Lease may be executed in any number of counterparts, each of which, when so executed and delivered, shall be an original; but such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, the Authority and the Township have caused this Fourth Supplemental Lease to be executed the day and year first above written.

ATTEST:

EAST GOSHEN MUNICIPAL
AUTHORITY

Secretary

By: _____
Chairman

ATTEST:

EAST GOSHEN TOWNSHIP

Secretary

By: _____
Chairman

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

July 6, 2009

To: Municipal Authority

From: Mark Miller

Re: June 2009 Monthly Report

Meter: Were read on a daily basis, not problems to report.

C.C. Collection: Received several calls from residents requests for sewer cap replacement. All requests were taken care of. All pumping stations were visited on a daily basis. No problems to report.

R.C. Collection: Pumping stations were visited on a daily basis. No problems to report.

Lochwood Plant: Routine maintenance was performed to the aerators.

Ridley Creek Plant: Routine maintenance was performed. We pumped the contactor tank down and cleaned the interior walls.

Alarms: 22 alarms for the month of June.

PA One Calls: 117 PA One Call's for the month of June.

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

16. CORRESPONDENCE

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3 pop

June 22, 2009

Jeff Beach, Project Manager
Worth & Company, Inc.
6263 Kellers Church Road
Pipersville, PA 18947

Re: SBR Tank Walls

Dear Jeff:

The Municipal Authority is in receipt of a June 23, 2009 letter from Pennoni Associates that indicates that the SBR Tank Walls that have been erected have not been constructed in accordance with American Concrete Institute standards as required by Section 03480 of the Contract Documents.

This letter shall be construed as "Notice" as defined in Section E of the General Conditions of Worth's failure to perform work in accordance with Section 01001, Subsection 1.5A of the Contract Documents. Pursuant to this Subsection Worth is hereby directed to remove the defective SBR Tank Walls and replace them with SBR Tank Walls meeting the requirements set forth in Section 03480 of the Contract Documents.

Please give me a call at 610-692-7171 or e-mail me at rsmith@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Louis F. Smith, Jr.
Township Manager

Enclosures

Cc: Municipal Authority
Evan Andrews, PE
Scott Towler, PE
Mark Falcone, Dutchland

2083



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

June 23, 2009

EGMA 0707.06

Mr. Jeffery Beach
Worth and Company, Inc.
6263 Kellers Church Road
Pipersville, PA 18947

RE: Ridley Creek Sewage Treatment Plant Upgrade and Expansion
SBR Tank Cracking

Dear Mr. Beach,

We have reviewed information provided by your subcontractor, Dutchland Inc., following the discovery of leaks in the SBR tank walls on May 6, 2009. This information was provided in the form of emails, letters and direct discussions with Dutchland (May 11, 2009 through June 18, 2009). We have not been convinced ACI 350-06 has been met due to the following items:

1. Calculations supporting ACI 350-06 section 10.6.6 have been removed without explanation.
2. ACI 350-06 section 10.6.3 requires flexural tension reinforcement to be "well" distributed. The cross section submitted by Dutchland indicates 80% of the flexural tension reinforcement is provided within the middle 25% of the 29" section.
3. The environmental durability factor (Sd) does not follow ACI 350-06 section 9.2.6. Using the code prescribed Sd factor would result in a greater amount of reinforcement than provided. Email communications between Dutchland and an ACI committee member have been provided to support a lower Sd factor but this background discussion and opinion does not modify or change current code requirements. Please refer to page 1 of ACI 350-06 regarding background details or suggestions.
4. It is our opinion that ACI 350-06 section 10.6.4 has not been met due to items noted above.

Some other observations include:

5. The moment calculation for the wall does not account for the 24' span with a 23' fluid height. This would increase the moment slightly.
6. None of the calculations in the original submittal include the #4 reinforcing bars outside the stem as flexural tension reinforcement. The new calculations by Dutchland now include these bars to help justify conformance with ACI 350-06.
7. A previous Pennoni Associates' project in 2008 where Dutchland provided a

designed and fabricated precast tank of similar size and height was detailed with #5 bars with a 10" spacing in the flange. This represents an increase of approximately 86% in the reinforcement between this project and the current project. There are no problems with cracking on this project.

We have not received any explanation for the cracks observed in the field from Dutchland. It is our professional opinion that the calculations do not meet the requirements of ACI 350-06. The reduced amount of reinforcement and lack of distribution of reinforcement has resulted in cracking in the flexural zone of the wall panels and caused the leaks observed during the required hydrostatic testing.

It is the Township's position that since it is the Authority's Engineer's opinion that the SBR calculations do not meet the requirements of ACI 350-06, the wall panels should be repaired and sealed and that the warrantee on the SBR tanks should be extended to 20 years.

Very truly yours,

PENNONI ASSOCIATES INC.



Evan R. Andrews, P.E.
Authority Engineer

cc: Mark Falcone, Dutchland
Rick Smith, East Goshen
Mark Miller, East Goshen
Scott Towler, Artesian
Dave Evans, Brickhouse
Frank Ciufu, Pennoni
J. March, Pennoni
P. Schram, Pennoni

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

16. CORRESPONDENCE
b.
1 pg

June 22, 2009

Jeff Beach, Project Manager
Worth & Company, Inc.
6263 Kellers Church Road
Pipersville, PA 18947

Re: SBR Tank Walls

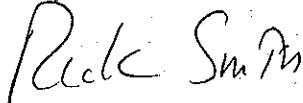
Dear Jeff:

At their meeting on June 18, 2009 the Authority considered a recommendation from me, based on a conversation with Mary Ann Stolfus at Dutchland, that Dutchland be permitted to proceed with the previously agreed upon repairs to the SBR tank walls with the condition that the length of the warranty period would be deferred until after the engineers for Pennoni and Dutchland have completed their respective reviews of the plans for the walls. The recommendation was that if both engineers agreed that the walls did not meet ACI specifications then the warranty period would be extended for 20 years. If they both agreed that the walls met ACI specifications then the warranty period would be the 10 years set forth the specifications. If they were unable to reach a consensus then the two engineers would select a third engineer who would decide the matter.

It was the consensus of the Authority that they would prefer to wait until such time a Pennoni has completed their review. They noted that remediation may be required if the walls to not meet spec.

Please give me a call at 610-692-7171 or e-mail me at rsmith@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Louis F. Smith, Jr.
Township Manager

Cc: Evan Andrews, PE
Scott Towler, PE
Mary Ann Stolfus

C
1pg.

AREA CODE 610
692-7171

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

July 7, 2009

Jeff Beach, Project Manager
Worth & Company, Inc.
6263 Kellers Church Road
Pipersville, PA 18947

Re: SBR Tank Walls

Dear Jeff:

At their meeting on July 2, 2009 the Municipal Authority agreed to the following methodology to resolve the issue with the SBR Tank Walls

1. Dutchland will forward to Perry Schram, Pennoni's Structural Engineer, the information that was sent to Steve Close of Jorgensen & Close Associates, so everyone has the same data.
2. Pennoni's Structural Engineer will meet with Dutchland's in house engineer next week and review the calculations face to face. Dutchland would be willing to travel to Pennoni's State College office if required, and will make Steve Close available by phone if need be.
3. If Pennoni's Structural Engineer concludes, based upon new information, that the SBR tank walls comply with ACI 350, then the tank will be deemed acceptable to the Authority.
4. If Pennoni's Structural Engineers does not change his original conclusion, a third party engineering firm (mutually agreed upon by Dutchland and Pennoni) will review the aforementioned data and verify if the design meets ACI 350 standards.

Dutchland can begin making repairs to the cracks in the SBR tank walls, at their own risk.

Please give me a call at 610-692-7171 or e-mail me at rsmith@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Louis F. Smith, Jr.
Township Manager

Cc: Evan Andrews, PE
Scott Towler, PE
Mary Ann Stoltzfus

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

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

FYI

June 25, 2009

Dear Property Owner:

The purpose of this letter is to inform you that Mr. John Mummert has submitted a Zoning Hearing Board application requesting a Zoning Variance for his property located at 1417 Center Street, West Chester PA, 19380. The applicant proposes to construct an addition to the rear of his home and cannot meet the 30-foot rear yard setback requirement. The applicant is seeking relief from §240-10.G in order to construct a 12' X 27' home addition.

Pursuant to Township policy, property owners and residents within 1000 feet of the subject property are notified of Zoning Variance applications.

The meeting dates and times when this application will be discussed are outlined below.


July 1, 2009 - Planning Commission meeting (workshop at 7 pm, formal meeting @ 7:30 pm)

July 7, 2009 - Board of Supervisors meeting (workshop at 7:00 pm, formal meeting @ 8:00 pm)

July 23, 2009 - Zoning Hearing Board (meeting @ 7:30 pm) **(Zoning Hearing)**

All meetings are held at the Township Building and are open to the public. The plans are available for review during normal business hours. Please give me a call at 610-692-7171 or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions
Ross Unruh, Esq. Zoning Hearing Board Solicitor

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

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

FYI

June 19, 2009

Dear Property Owner:

The purpose of this letter is to inform you that East Goshen Township has been notified that the Christ Memorial Church at 89 Line Road in Willistown Township has applied for relief from the Zoning Ordinance. The Willistown Township Zoning Hearing Board will hear the application on June 24, 2009.

Pursuant to East Goshen Township policy, property owners and residents within 1000 feet of the subject property are informed of these applications. I have copied the notice on the back of this letter for your information and use. For more information contact Willistown Township at 610-647-5300.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All East Goshen Township Authorities, Boards and Commissions
Hugh J. Murray, Sr., Township Manager, Willistown Township

BOARD OF SUPERVISORS EAST GOSHEN TOWNSHIP

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

June 15, 2009

Dear Property Owner:

The purpose of this letter is to inform you that T-Mobile Northeast LLC has submitted a Zoning Variance application requesting relief from several sections of the Zoning Ordinance. T-Mobile proposes to install a telecommunications facility on top of a utility pole within the road right of way on the west side of North Chester Rd. just north of the Boot Rd. and North Chester Road intersection. The proposed utility pole location is adjacent to the New Kent Apartments property, 1218 Rexton Rd., West Chester, PA 19380, TPN: 53-4-76.

Pursuant to Township policy, property owners and residents within 1000 feet of the subject property are notified of Zoning Variance applications.

The meeting dates and times when this application will be discussed are outlined below.

July 1, 2009 - Planning Commission meeting (workshop at 7 pm, formal meeting @ 7:30 pm)

July 7, 2009 - Board of Supervisors meeting (workshop at 7 pm, formal meeting @ 8:00 pm)

July 23, 2009 - Zoning Hearing Board (**Zoning Hearing**, Begins at 7:30 PM)

All meetings are held at the Township Administration Building and are open to the public. The plans are available for review during normal business hours. Please give me a call at 610-692-7171 or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions