

EAST GOSHEN MUNICIPAL AUTHORITY

**July 11, 2011
Monday, 7:00 PM**

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

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

2. RIDLEY CREEK REPORTS

- a. Brickhouse Environmental Project Manager Report
b. Pennoni Engineers Report
c. Miller Environmental, Inc. Monthly Operations Report for June
d. Cost Summary Report
e. Change Orders – None

3. RIDLEY CREEK INVOICES

a. William H. Clinger, Corp. W.O.#2770	\$	2,890.00
b. William H. Clinger, Corp. W.O.#2775	\$	631.43
c. Ryerson #93064709	\$	2,839.39
d. Grainger #9559020087	\$	1,968.46
e. Gawthrop, Greenwood #89644	\$	1,159.00
f. Gawthrop, Greenwood #89645	\$	315.00
g. Aqua Wastewater #123232	\$	6,169.22
h. Rumsey #S3727010.001	\$	2,100.00

4. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS

5. APPROVAL OF MINUTES

- a. June 13, 2011

6. APPROVAL OF INVOICES

a. Gawthrop, Greenwood #88902	\$	1,102.00
b. Gawthrop, Greenwood #88903	\$	547.07

7. LIAISON REPORTS

8. FINANCIAL REPORTS

- a. June Report

9. OLD BUSINESS

10. GOALS

- a. 2011 Goals

11. NEW BUSINESS

12. CAPACITY REQUESTS - None

13. SEWER REPORTS

- a. Director of Public Works Report – Will be given verbally by Mark Miller
b. East Goshen Township Flows for June 2011

14. ANY OTHER MATTER

15. CORRESPONDENCE AND REPORTS OF INTEREST

- a. Fax from Gawthrop, Greenwood/ Clinger Matter
- b. Letter from Gawthrop, Greenwood/Clinger Matter

16. PUBLIC COMMENT

17. ADJOURNMENT

18. EXECUTIVE SESSION – LEGAL

- a. Letter to Wm. H. Clinger Corp for Warranties and Bonds

19. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Delivery date

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

October 1, 2011
January 1, 2011



**Brickhouse
Environmental**
Consultants and Engineers

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380

Invoice number 6004
Date 7/1/2011

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 2011.

Labor

<u>Employee Type</u>	<u>Hours</u>	<u>Amount</u>
Project Manager	48.00	5,520.00
	Labor Total	48.00
		5,520.00

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

Invoice Total	5,520.00
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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



PROJECT ACCOMPLISHMENTS
EAST GOSHEN/RIDLEY CREEK SEWAGE TREATMENT PLAN
UPGRADE/EXPANSION
BE PROJECT NO. 09-2532-0
JUNE 2011 SERVICES

- 6-Jun-11 Telephone call to Jeff Bush regarding RCSTP SBR 2 motive pump impeller and volute wear,

Telephone call with Matt McAloon regarding SBR 2 inspection. Work on O&M and Process Control Plan. Draft ready for Evan's comments due Thursday, 6/9 by Noon.
- 7-Jun-11 Voicemail to Mark Lauer of Flyght, re SBR 2 motive pump. Telephone conversation with Mark Miller regarding SBR 2 motive pump and MEI's progress towards cleaning the Aqua Aerobic disc filter cloth. Reviewed the CIM 1000 installation procedure and Dan Barbato's proposed scenarios' towards the formation of the "bubbles" (outgassing) to Rick and the Authority.
- 8-Jun-11 Work on O&M and process control procedures.
- 9-Jun-11 Preparation, internal review and distribution of the Project Manager's report for the month of May 2011 (3hrs)
Preparation of the RCSTP wastewater treatment system process control and equipment O&M guide. (4hrs)
- 10-Jun-11 Preparation of the RCSTP wastewater treatment system process control and equipment O&M guide.
- 13-Jun-11 Updated draft process control plan to include internal comments. Provided Rick a copy for review and comments
Prepare for and attend Monthly Authority Meeting
- 14-Jun-11 On site at RCSTP to meet with Mark Miller, Rick Smith and Jack Yahraes from EGTMA and Chris Candy from ITT Flyght Corp. The purpose was to meet, discuss and investigate the nature of the excessive wear on SBR 2 jet mixer pump (motive pump).

Prepared draft letter to Clinger Corp for project closeout. 2 and letter.



PROJECT ACCOMPLISHMENTS
EAST GOSHEN/RIDLEY CREEK SEWAGE TREATMENT PLAN
UPGRADE/EXPANSION
BE PROJECT NO. 09-2532-0
JUNE 2011 SERVICES

- 15-Jun-11 On site at RCSTP gathering information for the process control sampling and testing plan. Reviewed the status of operations, data and set points with the plant operator. Settleability is poor resulting in solids loss in the effluent, however, the disc filters are preventing solids loss into the final outfall. Microscopic exam suggest that the sludge age should be lengthened which will assist in settleability. The minimum air is set at 160 minutes, whereas, 120 minutes should be adequate. Recommended process control testing to verify ammonia concentrations 30, 60 and 120 minutes during React Phase of support lowering the minimum air time. Lessening the amount of air entrapped within the sludge floc will assist in improving settleability.

- 16-Jun-11 Emails to Jeff Bush to confirm when the SHT #1 telescopic valve, influent flow meter and signal to the composite sampler will be completed. Tentative plans were to complete the work on Friday, June 17th.

Email to Jeff Bush re O&M bond information.

Distributed the Clinger letter for comments.

- 17-Jun-11 Finalize letter to Clinger regarding 2nd notice for project close out documentation.

Site visit to RCSTP.

Telephone call to Jeff Bush regarding maintenance bond.

Follow up on items from Twp. Code enforcement for occupancy permit for RCSTP

- 20-Jun-11 Finalize Clinger letter, print final copy.

Update with Jeff Bush and Dan Barbato regarding the proposed Dutchland repairs. Inquiry as to the status of the SHT #1 telescopic valve and influent flow meter repair.



PROJECT ACCOMPLISHMENTS
EAST GOSHEN/RIDLEY CREEK SEWAGE TREATMENT PLAN
UPGRADE/EXPANSION
BE PROJECT NO. 09-2532-0
JUNE 2011 SERVICES

- 21-Jun-11 Coordination with Jeff Bush from Worth & Company regarding the repairs to SBR #2. Responded to inquiry as to how long SBR 2 will remain out service. Worth & Dutchland were informed that the SBR is anticipated to remain out of service at a minimum until July 8th. Spoke with Mark Miller regarding removing the rainwater from SBR 2. Jeff Bush was informed that Dutchland and the plant operator can remove the remaining rain water from the tank while Dutchland is on site repairing the corbels. No push back from Worth or Dutchland.
- 22-Jun-11 Work on revising process control sample collection and test guidance plan.

Distributed Cling Corporation 2nd notice of required close out documents.
- 23-Jun-11 Telephone conversation with Dwayne regarding SHT #1 telescopic valve repair. Potential dates are June 30th or July 1st. The additional SBR 2 motive pump guiderail bracket was installed on June 16th. Email with Jeff Bush confirming Dutchland on site June 27th to begin SBR 2 repairs.
- 27-Jun-11 Site visit to RCSTP from 4:30 PM to 5:30 PM. Follow up on repairs initiated by Dutchland, Inc. review Clinger letter dated June 22, 2011 and followed up on safety labels installed by Clinger Corporation. Confirm the problem reported by the Plant Operator regarding the UV system bank no. 2, model 5 , lamps 5, 6, 7, and 8. Email correspondence and file update.
- 28-Jun-11 Telephone call with Scott Stump, plant operator, regarding several issues with operation of the centrifuge sludge dewatering system. Prepared email to Worth & Company and copies Steve from Alfa Laval and Mark Miller.

Reviewed plant influent data from Atlantic Coast Laboratory and developed a spreadsheet using the plant design information for reference.

Prepared a bench sheet for the process control manual for microscopic examination documentation, including key points to note during observations.



**PROJECT ACCOMPLISHMENTS
EAST GOSHEN/RIDLEY CREEK SEWAGE TREATMENT PLAN
UPGRADE/EXPANSION
BE PROJECT NO. 09-2532-0
JUNE 2011 SERVICES**

- 29-Jun-11 Visit to RCSTP to monitor the progress of the repairs to SBR 2 with regards to Dutchland repairing the CIM coating and enlarging the opening between the walkway and walls to prevent shearing of concrete from the "face" of the corbels adjacent to the walkway.

Reviewed equipment malfunction items with Scott Stump, plant operator.

Emailed repair/warranty list to Jeff bush and copies Mark Miller. Spent a minor amount of time on the process control guidance protocol with respect to microscopic examinations.

- 30-Jun-11 On site at RCSTP from 8:00 to 8:45 AM. Reviewed alarms on centrifuge and UV system.

Telephone conversation with Jeff Bush to arrange for centrifuge dewatering system repairs.

Telephone conversation with Dwayne confirming Friday's site visit to repair the SHT No.1 telescopic valve and influent flow meter.

- 1-Jul-11 On site at RCSTP working with Dwayne from Worth & Co to correct the problems with SHT No.1 telescopic valve. ACS did not influent flow meter and a separate visit will be scheduled. The flow signal to the influent composite sampler was determined to be in the Siemens SBR MCC cabinet and not terminated. Clinger will be contacted to terminate the wire. The final effluent flow meter signal was terminated in the ACS panel and confirmed to produce a signal to the final effluent composite sampler. The final effluent composite sampler was programmed and placed in flow proportioned sample collect mode to operate in flow proportioned mode.

Replaced the ballast for UV bank number 2, module 5, lamps 5, 6, 7, and 8. No comparison data TSS was gathered from the portable TSS meter loaned to assist with plant operations to the traditional method for determining MLSS.



Brickhouse Environmental

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

Brickhouse's contract for project management was originally anticipated to be completed week ending August 8, 2010 at 1,522 hours and \$175,030.

From April through October 2010, Brickhouse spent 100 hours on out of scope matters that were included in the total hours.

The duration was extended to week ending October 10, 2010 and attendance at the October 11, 2010 Authority meeting which then expended the original 1,522 hours.

The Board subsequently approved Brickhouse Environmental to continue to serve the Authority's needs as requested on a T&M basis.

Monthly Project Management Subtotals Beyond the Original Budget

Month	Project Subtotals		
	Pro. Mgt. Hours	Cumulative Hours	Cumulative Fees
October 2010	36.25	36.25	\$4,168.75
November 2010	86.50	122.75	\$14,116.25
December 2010	136.00	258.75	\$29,756.25
January - February 4, 2011	97.75	356.50	\$40,997.50
February - March 4, 2011	58.00	414.50	\$47,667.50
March - April 1, 2011	50.00	464.50	\$53,417.50
April 2 - April 30, 2011	40.75	505.25	\$58,103.75
May - June 3, 2011	94.00	599.25	\$68,913.75
June 6 - July 1, 2011	48.00	647.25	\$74,433.75

Project Cumulating Totals

Project Management Hours	Fee
2,129.25	\$248,763.75



MEMORANDUM

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

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: June 8, 2011

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- Construction phase services continue with punchlist monitoring, review of operations and maintenance submittals and as-built plans, progress meetings, troubleshooting, and coordination with the Project Manager and the Township.
- A breakdown of effort expended over the past month by Pennoni is provided with the invoice detail under separate cover.
- Worth and Company and Clinger Corporation continue working on punchlist completion. A punchlist update for both contractors will be completed in the next week. Verification of completed items continues. Clarification was sent to the Project manager to Clinger regarding closeout requirements. Additional paper copies of the design drawings were sent to Clinger at their request for markup.
- Pennoni was asked provide an opinion on the benefit of a whole-plant blowdown to restart the plant. Pennoni's design engineer was present during the Siemens testing in May and we provided commentary and clarifications to the Project Manager's report on performance testing. We do not believe that draining the SBRs and reseeded is warranted. We have also been provided additional comments to the Township and PM regarding optimization of the plant operations, which are the result of several discussions with the Plant Operator and the Project Manager.
- Matt McAloon of Pennoni was be present on June 3 to assist with the inspection the interior and coating of SBR#2 after it is drained and cleaned.

I/I Metering Project

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

Ridley Creek Consent Order

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

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

- Pennoni was asked at the last Authority meeting to clarify the two scope of work items listed as “survey allocations”. Site recon and preliminary survey to compare the plans to existing conditions were completed at the end of May. The plans are relatively close to existing conditions with some variances in horizontal and vertical accuracy. The plans provided were based on aerial survey. Based on the recon and preliminary survey, we do not anticipate that a full boundary, topographic, and property survey will be needed unless specifically required to meet DEP permitting requirements.
- A pre-application/closure requirements meeting was held with DEP on June 3 with Pennoni and the Township. DEP believes that sludge can be left in the ponds if properly handled and deemed non-hazardous. DEP will obtain confirmation from their Waste Management Division to confirm this determination. Pennoni will draft a closure plan for review and comment.
- DEP appears to be satisfied with our response to their comments for the Hersheys Mill/Reserve report. We anticipate approval of the reports in the next month.

Marydell PS Elimination Planning

- The draft report for the Act 537 Plan Revision was submitted to DEP in April. No comments have been received from DEP at the time of this report.

Applebrook Spray Irrigation NPDES Permit Renewal

- We are preparing the NPDES discharge permit and anticipate submittal to DEP in Mid-June.



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

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

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

Dear Mr. Smith:

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

Routine Operation and Maintenance Activities

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

Non-Routine Operations and Maintenance Activities

- Alarm responses dropping.
- Quarterly well reporting.
- Nitrification reestablished.
- SBR #2 off-line.
- Flow signals being modified for sampling permit compliance.
- Alum feed MP32 being adjusted.
- Centrifuge conveyor motor needs repair.
- Lochwood spray system tripping-out at night.
- Magnesium Hydroxide being evaluated.

Summary of Influent Flow- Ridley Creek

- AVERAGE: 198,000 gallons
- MAXIMUM: 242,000 gallons

Summary of Lochwood Chase Flow

- Average 8,500 gallons per day

Permit Compliance

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

Thank you,

MILLER ENVIRONMENTAL INC.

William Ronyack

Operations Manager

(SENT VIA EMAIL)

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



Ryerson Wilmington
700 Pencader Drive
NEWARK DE 19702
USA

Invoice Date 06/23/2011
Payer Number 10328801
Currency USD
Delivery Receipt 83535106
Ship Date 06/23/2011
Bill of Lading 9500811799

Customer PO VERBAL STEVE, MARK
Reference
PO Date 06/15/2011
Shipping Type Truck
Incoterms PPD
PREPAID & DELIVERED

Bill To
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380
USA

Ship To
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380
USA

RECEIVED
BY: _____
JUN 23 2011

Remit To
J.T.Ryerson & Son, Inc.
P. O. Box 29953
New York NY 10087-9953
USA

Federal ID # 361717960

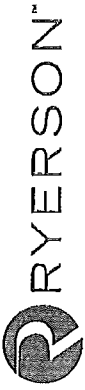
Item	Description	Quantity	Net Weight	Price	Amount
000010	304 SMLS PIPE 2.5" SCH40 X 21' 10" Customer PO Item Number 10 Sales Order Item 12322622-000010 dated 06/15/2011	3 PC	378.999 LB	518.58 / PC	1,555.74
000020	304 SMLS PIPE 1.5" SCHXH X 20' RL Customer PO Item Number 20 Sales Order Item 12322622-000020 dated 06/15/2011	1 PC	128.000 LB	623.29 / PC	623.29
000030	304 SMLS PIPE 1.5" SCHXH X 10' 9" Customer PO Item Number 30 Sales Order Item 12322622-000030 dated 06/15/2011	1 PC	69.000 LB	526.74 / PC	526.74
000040	304 SMLS PIPE 3" SCH40 X 24" Customer PO Item Number 40 Sales Order Item 12322622-000040 dated 06/15/2011	1 PC	15.000 LB	133.62 / PC	133.62

Payment Terms: 1/2% 10, Net 30

Subtotal 2,839.39
Tax 0.00
Total Amount 2,839.39
Discount if paid by 07/03/2011 14.20-

APPROVED BY: _____
DATE PAID: _____
CHECK #: _____
CHARGED TO: 07424-7440

Remittances are received by a bank acting as a clearing agency without authority to determine whether or not the amount remitted constitutes payment or settlement of item noted thereon. Notwithstanding any notation regarding payment in full or settlement, the bank shall deposit such remittances and such deposit shall not indicate our acceptance of the remittance as payment in full or settlement. Please show Invoice No. and Account No. on remittance or attach copy of invoice. If your remittance differs from this amount less allowable discount, please indicate reason. The articles and/or performance of the services covered by this invoice were produced in compliance with the Federal Fair Labor Standards Act of 1938 as amended. The Ryerson Conditions and Terms of Sale are applicable to all sales by Ryerson Inc.'s subsidiaries.



Delivery Receipt

83535106

Ship To:

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380
USA

Bill To:

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER PA 19380
USA

Shipment date	06/22/2011	Load	
Shipment No.	9500811799	Trailer	wc east goshen
Account Number	10328801	Tractor	
Contact Name		Ship Terms	PPD
Ship to Phone No.	610-692-7171	Total Stop Items	4
Receiving Hours	Thursday 0000 0000	Stop Gross Wgt.	590.999
Sales Rep	Mark Varites	Stop Net Wgt.	590.999
Sales Rep Phone	302-366-5627	Total Packages	1
Sales Office	4077		

Del Item	Sales Order / Item No	Customer P.O.#	Your Ref	PO Item #	Ordered Qty	ORD UOM	Description	Shpd Qty	Shpd UOM
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10	12322622	10	VERBAL STEVE, MARK	/ 000010	379,000	LB 10"	304 SMLS PIPE 2.5" SCH40 X 21'	378,999	PC LB
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Production Order # 105608734
Master Bundle HU 1008835528


Handling Unit	Qty Pcs	Weight	Heat	Slab	Batch Number
1008835526	2	252.666 LB	3B492	3B492	0013146277
1008835527	1	126.333 LB	YX0812-397	YX0812-397	0013146278
	3	PC Total			

Max Pkg: 1000 Pounds Unload: Standard Loading

Test Report Not Required

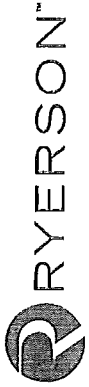
20	12322622	20	VERBAL STEVE, MARK	/ 000020	128,000	LB RL	304 SMLS PIPE 1.5" SCHXH X 20'	128,000	PC LB
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Production Order # 105608734

APPROVED BY: 
DATE PAID: _____
CHECK #: _____
CHARGED TO: 7924-7450

Customer Signature _____ Date _____ Delivered By _____

Pump Lifts



Delivery Receipt

83535106

Del Item	Sales Order / Item No	Customer P.O.#	Your Ref	Ordered Qty	ORD UOM	Description	Shpd Qty	Shpd UOM
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Master Bundle HU 1008835528
 Handling Unit Qty Pc Weight Heat Slab Batch Number
 1008828621 1 PC 128.000 LB V71194 V71194 0013137818
 1 PC Total
 Max Pkg: 1000 Pounds Unload: Standard Loading

Test Report Not Required

30 12322622 30 VERBAL STEVE, MARK 1 PC 304 SMLS PIPE 1.5" SCHXH X 10 '9" 1 PC
 / 000030 69.000 LB 69.000 LB

Production Order # 105608735

Master Bundle HU 1008835528
 Handling Unit Qty Pc Weight Heat Slab Batch Number
 1008828623 1 PC 69.000 LB 771-0360 771-0360 0013137825
 1 PC Total
 Max Pkg: 1000 Pounds Unload: Standard Loading

Test Report Not Required

40 12322622 40 VERBAL STEVE, MARK 1 PC 304 SMLS PIPE 3" SCH40 X 24" 1 PC
 / 000040 15.000 LB 15.000 LB

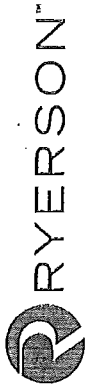
Production Order # 105608736

Master Bundle HU 1008835528
 Handling Unit Qty Pc Weight Heat Slab Batch Number
 1008828624 1 PC 15.000 LB YX0812-397 YX0812-397 0013137828
 1 PC Total
 Max Pkg: 1000 Pounds Unload: Standard Loading

Customer Signature _____

Date _____

Delivered By _____



Delivery Receipt

83535106

Del Item	Sales Order / Item No	Customer P.O.#	Your Ref	Ordered Qty	ORD UOM	Description	Shpd Qty	Shpd UOM
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Test Report Not Required

Customer Signature _____ Date _____ Delivered By _____

Signature by customer verifies material delivered is correct and in good condition. Claims of shortages must be reported within 30 days of receipt. This material cannot be returned without our permission. Returned material is subject to handling charges. Conditions of sales are set out on quotations, confirmations and invoices we have previously sent you. Your signatures here is evidence that you have read the conditions of sale and agree to them. Conditions and terms of sale are available at www.ryerson.com.



ORIGINAL INVOICE

580 E LANCASTER AVE
FRAZER, PA 19355-1808
www.grainger.com

GRAINGER ACCOUNT NUMBER 829095066
INVOICE NUMBER 9559020087
INVOICE DATE 06/10/2011
DUE DATE 07/10/2011
AMOUNT DUE 1,968.46

SHIP TO
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6107

PO NUMBER: RIDLEY CREEK
CALLER: MARK MILLER
CUSTOMER PHONE: (610) 692-7171
ORDER/DELIVERY#: 6165902589
INCO TERMS: FOB ORIGIN

BILL TO
MDG2010 00006240 1 AT 0365
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6107

THANK YOU!

FEI NUMBER 36-1150280

FOR ANY QUESTIONS ABOUT THIS INVOICE OR ACCOUNT CALL 610-727-5251

Table with columns: PO LINE #, ITEM #, DESCRIPTION, QUANTITY, BACK ORDERED, UNIT PRICE, TOTAL. Includes handwritten approval and check information.

NUMBER OF PKGS: 0 WEIGHT: 145.57
DATE SHIPPED: 06/10/2011

INVOICE SUB TOTAL 1,968.46

These items are sold for domestic consumption in the United States. If exported, purchaser assumes full responsibility for compliance with US export controls.

PAYMENT TERMS NET 30 DAYS. PAY THIS INVOICE NO STATEMENT SENT. PAYABLE IN U.S. DOLLARS.

AMOUNT DUE 1,968.46

PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT.

BILL TO:
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6107

REMIT TO:
GRAINGER
DEPT. 829095066
PALATINE, IL 60038-0001

829095066955902008710001968461000000010000000100000011071030

X ACCOUNT NUMBER 829095066 DATE 06/10/2011 INVOICE NUMBER 9559020087 AMOUNT DUE 1,968.46



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
05/31/2011
Client No: 6604-01M
Invoice No. 89644

General Authority Services

Fees

Hours

05/09/2011	RFA	Review packet for 5/9/11 meeting of Municipal Authority; attend regular meeting of Authority.	3.00	
		For Current Services Rendered	3.00	570.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	3.00	\$190.00	\$570.00
Previous Balance			\$1,102.00
Total Current Charges			570.00
05/13/2011	Fee Payment		-513.00
Balance Due			<u>\$1,159.00</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.



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
05/31/2011
Client No: 6604-08M
Invoice No. 89645

Ridley Creek Treatment Plant - Arbitrations

Fees

		Hours	
05/31/2011			
SRM	Review correspondence from plaintiff regarding mediation and response.	0.50	87.50
SRM	Telephone conference with plaintiff; research regarding proposed mediators.	0.70	122.50
	For Current Services Rendered	1.20	210.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Stephen R. McDonnell	1.20	\$175.00	\$210.00
Previous Balance			\$547.07
Total Current Charges			210.00
05/13/2011	Cost Expense Payment		-109.57
05/13/2011	Fee Payment		-332.50
	Total Payments		-442.07
	Balance Due		<u>\$315.00</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.

Aqua Wastewater Management, Inc.

PO Box 822552
 Philadelphia, PA 19182-2552
 Customer Service (215) 799-2200
 Toll-Free (800) 338-9271
 Fax (215) 799-2205

Invoice

Number: 123232 Order Num 171304
 Date: 20-May-2011 Serviced 05-May-2011
 P.O. Number:
 Job Description: tank skimmings

BILL TO: 69434

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

JOB SITE

Ridley Creek Treatment Plant
 1751 Towne Drive
 West Chester, PA 19380

Quantity	ServiceType	Amount	Tax	Warranty & Expiration	Extension
7700	Disposal Charges 7700 GALLONS @ .0586 5/5/11	\$0.06	No	0 Days	\$451.22
1.5	Pump Truck 125/HR ON SITE-5/5/11	\$125.00	No	0 Days	\$187.50
1	Fuel Surcharge	\$15.00	No	0 Days	\$15.00
7420	Disposal Charges 7420 GALLONS @ 0586 5/5/11	\$0.06	No	0 Days	\$434.81

	Taxable Amount	Tax Rate	Tax	Description	Subtotal NonTaxed:	\$6,169.22
	\$0.00	0	\$0.00	PA Tax Exempt	Subtotal Taxable:	\$0.00
					Subtotal Tax:	\$0.00
Payment Terms	Payment	Adjustment	Late Charge		Please Pay:	\$6,169.22
Net 30	\$0.00	\$0.00	\$0.00			

PA State Homeowner Protection Act, Registration #PA022859

A LATE CHARGE FEE OF 1.5% PER MONTH WILL BE APPLIED TO OVERDUE ACCOUNTS.


From: Please detach here and return the bottom portion with your payment.

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

Order No.	Invoice No.	Date	Amount Due
171304	123232	20-May-2011	\$6,169.22
		Serviced 05-May-2011	

To:

AS - Aqua Wastewater Management, Inc.
 PO Box 822552
 Philadelphia, PA 19182-2552


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

Aqua Wastewater Management, Inc.

PO Box 822552
 Philadelphia, PA 19182-2552
 Customer Service (215) 799-2200
 Toll-Free (800) 338-9271
 Fax (215) 799-2205

Invoice

Number: 123232 Order Num 171304
 Date: 20-May-2011 Serviced 05-May-2011
 P.O. Number:
 Job Description: tank skimmings

BILL TO: 69434

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

JOB SITE

Ridley Creek Treatment Plant
 1751 Towne Drive
 West Chester, PA 19380

Quantity	ServiceType	Amount	Tax	Warranty & Expiration	Extension
7	FSN- Guzzler 250/HR ON SITE-PUMP FOAM OFF 4 TANKS-5/5/11	\$250.00	No	0 Days	\$1,750.00
1	Fuel Surcharge	\$15.00	No	0 Days	\$15.00
2400	Disposal Charges 2400 GALLON @ .0586 5/5/11	\$0.06	No	0 Days	\$140.64
3.75	Bulk Liquid Waste Hauling 125/HR ON SITE-5/5/11	\$125.00	No	0 Days	\$468.75
1	Fuel Surcharge	\$20.00	No	0 Days	\$20.00
Taxable Amount			Tax Rate	Tax Description	Subtotal NonTaxed:
			0	\$0.00 PA Tax Exempt	Subtotal Taxable:
					Subtotal Tax:
Payment Terms	Payment	Adjustment	Late Charge		
Net 30	\$0.00	\$0.00	\$0.00	Please Pay:	Continued

PA State Homeowner Protection Act, Registration #PA022859

A LATE CHARGE FEE OF 1.5% PER MONTH WILL BE APPLIED TO OVERDUE ACCOUNTS.

From: Please detach here and return the bottom portion with your payment.

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

Order No.	Invoice No.	Date	Amount Due
171304	123232	20-May-2011	Continued
Serviced 05-May-2011			

To:

AS - Aqua Wastewater Management, Inc.
 PO Box 822552
 Philadelphia, PA 19182-2552

Aqua Wastewater Management, Inc.

PO Box 822552
 Philadelphia, PA 19182-2552
 Customer Service (215) 799-2200
 Toll-Free (800) 338-9271
 Fax (215) 799-2205

Invoice

Number: 123232 Order Num 171304
 Date: 20-May-2011 Serviced 05-May-2011
 P.O. Number:
 Job Description: tank skimmings

BILL TO: 69434

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

JOB SITE

Ridley Creek Treatment Plant
 1751 Towne Drive
 West Chester, PA 19380

Quantity	ServiceType	Amount	Tax	Warranty & Expiration	Extension
7	FSN- Guzzler \$250 pr hr on site-PUMP FOAM OFF 4 TANKS-5/2/11	\$250.00	No	0 Days	\$1,750.00
1	Fuel Surcharge	\$15.00	No	0 Days	\$15.00
3.5	Pump Truck 125/HOUR-ON-SITE-5/2/11	\$125.00	No	0 Days	\$437.50
1	Fuel Surcharge	\$15.00	No	0 Days	\$15.00
8000	Disposal Charges 8000 GALONS @ .0586 5/2/11	\$0.06	No	0 Days	\$468.80

Taxable Amount	Tax Rate	Tax Description	Subtotal NonTaxed:
	0	\$0.00 PA Tax Exempt	Subtotal Taxable:
			Subtotal Tax:

Payment Terms	Payment	Adjustment	Late Charge	Please Pay:	Continued
Net 30	\$0.00	\$0.00	\$0.00		

PA State Homeowner Protection Act, Registration #PA022859

A LATE CHARGE FEE OF 1.5% PER MONTH WILL BE APPLIED TO OVERDUE ACCOUNTS.

From: Please detach here and return the bottom portion with your payment.

East Goshen Township
 1580 Paoli Pike
 West Chester, PA 19380

Order No.	Invoice No.	Date	Amount Due
171304	123232	20-May-2011	Continued
		Serviced 05-May-2011	

To:

AS - Aqua Wastewater Management, Inc.
 PO Box 822552
 Philadelphia, PA 19182-2552



Aqua Wastewater Management, Inc.
60 Schoolhouse Road
Souderton, PA 18964

800.338.9271
T: 215.799.2200
F: 215.799.2205

PA State Homeowner Protection Act Registration # PA022859

CUSTOMER INFORMATION					
Customer Name		EAST GOSHEN TOWNSHIP		Date Contacted	4/28/11
Street		RIDLEY CREEK WWTP		Work Order #	171304
		1580 PAOLI PK.		Technician Name	TRIP B, BRIAN F
City	WEST CHESTER	State	PA	Zip	
Telephone			Date & Time Arrive	5/2/5/5 8:00 AM - 2:20 PM	
				Date & Time Depart	5/2 5/5 3:30 PM - 2:20 PM

JOB DETAILS			
Contracted Price OR	\$	Time For Each Service Performed:	Total Cost Each Service:
Time For Each Service Performed:	Total Cost Each Service:	Jetting	\$
Guzzler	14 HRS	Gallons	25,800
CSE		Laborer (# of techs)	3
Pumper Truck	PERMITS	Materials	
Description/ Materials			
PUMPED AND PULVED FOAM FROM 4 TANKS. NOT SURE HOW TO CHARGE FOR PUMP TRUCK			
25,700 GALLONS PUMPED - BILL EVANS 8000			
BRIAN MCCLAIN 8000			
PHIL HEISLEY 6700			
TRIP BAIRD - 2400			

RECOMMENDATIONS

WORK COMPLETED & SATISFACTORY		
By signing below, customer confirms job satisfaction.		
Customer Signature	Sub Total (from above)	\$
Print Name	Additional Fees (tax, fuel surcharge, etc.)	\$
Date	Total Completed Job Price	\$

PAYMENT TERMS
<input type="checkbox"/> This is an Invoice. Payment required within ___ days of invoice date.
<input type="checkbox"/> Payment required upon job completion. This is your receipt.
<input type="checkbox"/> This is a Quote/ Proposal (valid for ___ days).

PAYMENT DETAILS				
Check # & Amount		Cash	Money Order # & Amount	
Credit Card	MC or Visa	#s	Expiration	Security Code



Delaware County Regional Water
Quality Control Authority
PO Box 999
Chester, Pennsylvania 19016-0999
(610)876-5523
Hauled Waste Manifest

No. 128966

Waste Generator

Generator #1:	Waste Characterization		
	Type	Source	Volume
Print: _____	1. Domestic Holding Tank	Residential <input type="checkbox"/>	_____ gal
City, State: _____ Zip Code: _____		Non-Residential <input type="checkbox"/>	_____ gal
Generator #2:	2. Domestic Septic Tank/ Cesspool	Residential <input type="checkbox"/>	_____ gal
Print: _____	3. Package Plant	Non-Residential <input type="checkbox"/>	_____ gal
City, State: _____ Zip Code: _____	4. Domestic Wastewater*		4000 gal
Generator #3:	Treatment Plant Sludge (Form 43)		_____ gal
Print: _____	5. Industrial Treatment* Sludge (Form U)		_____ gal
City, State: _____ Zip Code: _____	6. Commercial/Industrial* Wastewater		_____ gal
Generator #3:	7. Grease (Food /Restaurant)		_____ gal
Print: _____	8. Miscellaneous*	Portable Toilets <input type="checkbox"/>	_____ gal
City, State: _____ Zip Code: _____		Other <input type="checkbox"/>	_____ gal

***NOTE: Wastewater treatment sludges, industrial wastewater, grease and other non-residential source wastes require prior approval for disposal. Non-domestic wastes will not be accepted if mixed with domestic wastes in the same load.**
Certification (Optional for residential sources only)

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no wastes other than those expressly indicated are included in this waste and that the above waste does not contain any RCRA hazardous wastes as defined in 40 CFR 261. I understand that failure to comply with conditions of any applicable industrial discharge permit or other legal requirements may result in immediate suspension of the permit, and/or penalties as stipulated in the permit and/or allowed by law.

Authorized Agent: _____ Date: _____

Transporter

Transporter Name: _____ Print _____ Truck/Hauler #: _____

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no other wastes not expressly indicated on this manifest were included or mixed with this load, including any RCRA hazardous wastes as defined in 40 CFR 261. I am aware of the conditions and requirements of the waste hauler permit, and understand that failure to comply with the permit may result in immediate suspension of the permit and/or possible penalties as stipulated in the permit and/or allowed by law. I certify that the vehicle transporting aforementioned waste is in compliance with Pennsylvania's Department of Environmental Protection's Act 90 Rules and Regulations.

Driver Name: _____ Signature: _____ Date: _____

Date: 5/2/11 Time: 1210 Truck Capacity: _____ gal

Sample ID #: AQPP050711 Volume Received: 4000 gal

Radiation: Pass / Fail

DEL CORA

pH: 6.34 Form U:
TS %: _____ Volatility: Pass / Fail
VS%: _____ Sulfide: Pass / Fail
Color: _____ Cyanide: Pass / Fail
Odor: _____

DEL CORA Central Laboratory
Other Characteristics: _____
COD: _____ mg/L
TSS: _____ mg/L
OUR: + / -
Metals: _____
Special: _____

Name: _____ Print _____
Signature: _____



Delaware County Regional Water
Quality Control Authority
PO Box 999
Chester, Pennsylvania 19016-0999
(610)876-5523
Hauled Waste Manifest

No. 128967

Waste Generator	Generator #1: <u>Ridley Creek Treatment Plant</u>	Waste Characterization		Volume
		Type	Source	
Generator #1:	Print: <u>West Chester, PA</u>	1. Domestic Holding Tank	Residential <input type="checkbox"/>	_____ gal
	City, State: _____ Zip Code: _____		Non-Residential <input type="checkbox"/>	_____ gal
		2. Domestic Septic Tank/Cesspool	Residential <input type="checkbox"/>	_____ gal
Generator #2:	Print: _____	3. Package Plant	Non-Residential <input type="checkbox"/>	_____ gal
	City, State: _____ Zip Code: _____	4. Domestic Wastewater*		_____ gal
Generator #3:	Print: _____	Treatment Plant Sludge (Form 43)		_____ gal
	City, State: _____ Zip Code: _____	5. Industrial Treatment* Sludge (Form U)		_____ gal
		6. Commercial/Industrial* Wastewater		_____ gal
		7. Grease (Food /Restaurant)		_____ gal
		8. Miscellaneous*	Portable Toilets <input type="checkbox"/>	_____ gal
			Other <input type="checkbox"/>	_____ gal

***NOTE: Wastewater treatment sludges, industrial wastewater, grease and other non-residential source wastes require prior approval for disposal. Non-domestic wastes will not be accepted if mixed with domestic wastes in the same load. Certification (Optional for residential sources only)**

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no wastes other than those expressly indicated are included in this waste and that the above waste does not contain any RCRA hazardous wastes as defined in 40 CFR 261. I understand that failure to comply with conditions of any applicable industrial discharge permit or other legal requirements may result in immediate suspension of the permit, and/or penalties as stipulated in the permit and/or allowed by law.

Authorized Agent: _____ Date: _____

Transporter	Transporter Name: <u>Apna</u>	Truck/Hauler #: <u>667</u>
		Print
<p>I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no other wastes not expressly indicated on this manifest were included or mixed with this load, including any RCRA hazardous wastes as defined in 40 CFR 261. I am aware of the conditions and requirements of the waste hauler permit, and understand that failure to comply with the permit may result in immediate suspension of the permit and/or possible penalties as stipulated in the permit and/or allowed by law. I certify that the vehicle transporting aforementioned waste is in compliance with Pennsylvania's Department of Environmental Protection's Act 90 Rules and Regulations.</p>		
Driver Name: <u>Brian M</u>	Signature: <u>Brian M</u>	Date: <u>5/24/11</u>

Date: _____	Time: _____	Truck Capacity: _____ gal
		Volume Received: _____ gal
Sample ID #: _____		Radiation: <u>Pass / Fail</u>
pH: _____	Form U:	DELCORA Central Laboratory
TS %: _____	Volatility: <u>Pass / Fail</u>	Other Characteristics: _____
VS %: _____	Sulfide: <u>Pass / Fail</u>	COD: _____ mg/L
Color: _____	Cyanide: <u>Pass / Fail</u>	TSS: _____ mg/L
Odor: _____		OUR: <u>+ / -</u>
Name: _____		Metals: _____
	Print	Special: _____
Signature: _____		

VALLEY FORGE SEWER AUTHORITY

307944

NON-HAZARDOUS TRUCKED WASTE MANIFEST

TRANSPORTER DATA

VFSA USE ONLY	
CUST _____	
GEN _____	
PRICE _____	
TRANS _____	

COMPANY: 7104
 DRIVER: Debbie TRUCK NUMBER: 110/329
 TANK CAPACITY: 1700 GALLONS LOAD pH: _____

CERTIFICATION: I, Debbie certify this information on this manifest to be true and correct to the best of my knowledge.

LOAD DISCHARGED AT (CIRCLE LOCATION): 1 2 3

INDUSTRIAL GENERATOR DATA ONLY - MUST BE PREAPPROVED BY AUTHORITY

Customer Name	Customer Address - Street, Town, Zip	Date/Time Of Pickup	Signature of Company Representative

TYPE OF WASTE: (CHECK ONE) TREATMENT PLANT SLUDGE PROCESS WASTE LEACHATE OTHER

GREASE GENERATOR DATA ONLY - MUST BE PREAPPROVED BY AUTHORITY

Customer Name	Customer Address - Street, Town, Zip	Date/Time Of Pickup

HOLDING TANK DATA ONLY - MUST BE PREAPPROVED BY AUTHORITY

Customer Name	Customer Address - Street, Town, Zip	Date/Time Of Pickup
<u>Eastbrook Rd, Pottsville PA</u>	<u>1000 gal</u>	<u>2:30pm 5/5/11</u>
<u>Springfield Academy, Pottsville PA</u>	<u>5700 gal</u>	<u>2:18pm 5/5/11</u>

SEPTAGE WASTE DATA ONLY

Customer Name	Customer Address - Street, Town, Zip	Septic Tank	Portable Toilets	Date/Time Of Pickup



Delaware County Regional Water
Quality Control Authority
PO Box 999
Chester, Pennsylvania 19016-0999
(610)876-5523
Hauled Waste Manifest

No. **125390**

Waste Generator

Generator #	Type	Source	Volume
Generator #1: <u>East Chester Ridley Creek with</u> <u>West Chester PA</u> City, State Zip Code	1. Domestic Holding Tank	Residential <input type="checkbox"/>	_____ gal
		Non-Residential <input checked="" type="checkbox"/>	<u>6700</u> gal
	2. Domestic Septic Tank/ Cesspool	Residential <input type="checkbox"/>	_____ gal
		Non-Residential <input type="checkbox"/>	_____ gal
Generator #2:	3. Package Plant		_____ gal
	4. Domestic Wastewater*		_____ gal
		Treatment Plant Sludge (Form 43)	_____ gal
	5. Industrial Treatment*		_____ gal
		Sludge (Form U)	_____ gal
	6. Commercial/Industrial*		_____ gal
		Wastewater	_____ gal
Generator #3:	7. Grease (Food /Restaurant)		_____ gal
	8. Miscellaneous*	Portable Toilets <input type="checkbox"/>	_____ gal
		Other <input type="checkbox"/>	_____ gal

***NOTE: Wastewater treatment sludges, industrial wastewater, grease and other non-residential source wastes require prior approval for disposal. Non-domestic wastes will not be accepted if mixed with domestic wastes in the same load. Certification (Optional for residential sources only)**

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no wastes other than those expressly indicated are included in this waste and that the above waste does not contain any RCRA hazardous wastes as defined in 40 CFR 261. I understand that failure to comply with conditions of any applicable industrial discharge permit or other legal requirements may result in immediate suspension of the permit, and/or penalties as stipulated in the permit and/or allowed by law.

Authorized Agent: _____ Date: 5/5/11

Transporter

Transporter Name: APA Print Truck/Hauler #: 040505
TR 141/119

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no other wastes not expressly indicated on this manifest were included or mixed with this load, including any RCRA hazardous wastes as defined in 40 CFR 261. I am aware of the conditions and requirements of the waste hauler permit, and understand that failure to comply with the permit may result in immediate suspension of the permit and/or possible penalties as stipulated in the permit and/or allowed by law. I certify that the vehicle transporting aforementioned waste is in compliance with Pennsylvania's Department of Environmental Protection's Act 90 Rules and Regulations.

Driver Name: Phil Weisig Signature: Phil Weisig Date: 5/5/11

Date: 5/5/11 Time: 100 Truck Capacity: 6700 gal
Volume Received: 6700 gal
Radiation: Pass / Fail

Sample ID #: ADMT050711

pH: <u>6.8</u>	Form U:	DELCORA Central Laboratory
TS %: _____	Volatility: <u>Pass / Fail</u>	Other Characteristics: _____
VS %: _____	Sulfide: <u>Pass / Fail</u>	COD: _____ mg/L
Color: _____	Cyanide: <u>Pass / Fail</u>	TSS: _____ mg/L
Odor: _____		OUR: <u>+ / -</u>
		Metals: _____
		Special: _____

Name: _____
Signature: _____ Print

DELCORA TRANSPORTER

DELCORA



Delaware County Regional Water
Quality Control Authority
PO Box 999
Chester, Pennsylvania 19016-0999
(610)876-5523
Hauled Waste Manifest

No. **129385**

Waste Generator

Generator #1:	Type	Waste Characterization Source	Volume
Generator #1: <u>East Chester - Kidder Creek W.W.T.P. TANK</u> Print <u>West Chester Pa.</u> City, State Zip Code	<input checked="" type="checkbox"/> 1. Domestic Holding Tank <input type="checkbox"/> 2. Domestic Septic Tank/Cesspool <input type="checkbox"/> 3. Package Plant <input type="checkbox"/> 4. Domestic Wastewater* Treatment Plant Sludge (Form 43) <input type="checkbox"/> 5. Industrial Treatment* Sludge (Form U) <input type="checkbox"/> 6. Commercial/Industrial* Wastewater <input type="checkbox"/> 7. Grease (Food /Restaurant) <input type="checkbox"/> 8. Miscellaneous*	Residential <input type="checkbox"/> Non-Residential <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Non-Residential <input type="checkbox"/> Portable Toilets <input type="checkbox"/> Other <input type="checkbox"/>	_____ gal <u>4000</u> gal _____ gal _____ gal _____ gal _____ gal _____ gal _____ gal
Generator #2: Print _____ City, State Zip Code			
Generator #3: Print _____ City, State Zip Code			

***NOTE: Wastewater treatment sludges, industrial wastewater, grease and other non-residential source wastes require prior approval for disposal. Non-domestic wastes will not be accepted if mixed with domestic wastes in the same load.**
Certification (Optional for residential sources only)

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no wastes other than those expressly indicated are included in this waste and that the above waste does not contain any RCRA hazardous wastes as defined in 40 CFR 261. I understand that failure to comply with conditions of any applicable industrial discharge permit or other legal requirements may result in immediate suspension of the permit, and/or penalties as stipulated in the permit and/or allowed by law.

Authorized Agent: _____ Date: 5-5-11

Transporter

Transporter Name: Ngue Print Truck/Hauler #: 139

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no other wastes not expressly indicated on this manifest were included or mixed with this load, including any RCRA hazardous wastes as defined in 40 CFR 261. I am aware of the conditions and requirements of the waste hauler permit, and understand that failure to comply with the permit may result in immediate suspension of the permit and/or possible penalties as stipulated in the permit and/or allowed by law. I certify that the vehicle transporting aforementioned waste is in compliance with Pennsylvania's Department of Environmental Protection's Act 90 Rules and Regulations.

Driver Name: Bill Evans Signature: _____ Date: 5-5-11

Date: 5-5-11 Time: 1275 Truck Capacity: 4000 gal
 Volume Received: 4000 gal
 Sample ID #: A12HT050711 Radiation: Pass / Fail

DELCORA

pH: 6.39 Form U:
 TS %: _____ Volatility: Pass / Fail
 VS%: _____ Sulfide: Pass / Fail
 Color: _____ Cyanide: Pass / Fail
 Odor: _____

DELCORA Central Laboratory
 Other Characteristics: _____
 COD: _____ mg/L
 TSS: _____ mg/L
 OUR: + / -
 Metals: _____
 Special: _____

Name: _____
 Signature: _____ Print



Delaware County Regional Water
Quality Control Authority
PO Box 999
Chester, Pennsylvania 19016-0999
(610)876-5523
Hauled Waste Manifest

No. 129383

Waste Generator	Generator #1:	Waste Characterization	Volume
	Print <u>East Chester-Ridley Creek Treatment Plant</u> City, State <u>PA</u> Zip Code <u>3420</u>	Type <u>EQ Tank</u> Source 1. Domestic Holding Tank Residential <input type="checkbox"/> Non-Residential <input checked="" type="checkbox"/> 2. Domestic Septic Tank/Cesspool Residential <input type="checkbox"/> Non-Residential <input type="checkbox"/> 3. Package Plant 4. Domestic Wastewater* Treatment Plant Sludge (Form 43) 5. Industrial Treatment* Sludge (Form U) 6. Commercial/Industrial* Wastewater 7. Grease (Food /Restaurant) 8. Miscellaneous* Portable Toilets <input type="checkbox"/> Other <input type="checkbox"/>	_____ gal <u>4000</u> gal _____ gal _____ gal _____ gal _____ gal _____ gal _____ gal
Waste Generator	Generator #2:		
	Print <u>West Whiteland Twp - Lane Millinery Shop PA</u> City, State <u>PA</u> Zip Code <u>580</u>		
Waste Generator	Generator #3:		
	Print _____ City, State _____ Zip Code _____		

***NOTE: Wastewater treatment sludges, industrial wastewater, grease and other non-residential source wastes require prior approval for disposal. Non-domestic wastes will not be accepted if mixed with domestic wastes in the same load.**
Certification (Optional for residential sources only)

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no wastes other than those expressly indicated are included in this waste and that the above waste does not contain any RCRA hazardous wastes as defined in 40 CFR 261. I understand that failure to comply with conditions of any applicable industrial discharge permit or other legal requirements may result in immediate suspension of the permit, and/or penalties as stipulated in the permit and/or allowed by law.

Authorized Agent: _____ Date: 5-5-11

Transporter	Transporter Name:	Truck/Hauler #:
	<u>Agua</u> Print	<u>131</u>

I hereby certify that the foregoing information is true and complete to the best of my knowledge and that no other wastes not expressly indicated on this manifest were included or mixed with this load, including any RCRA hazardous wastes as defined in 40 CFR 261. I am aware of the conditions and requirements of the waste hauler permit, and understand that failure to comply with the permit may result in immediate suspension of the permit and/or possible penalties as stipulated in the permit and/or allowed by law. I certify that the vehicle transporting aforementioned waste is in compliance with Pennsylvania's Department of Environmental Protection's Act 90 Rules and Regulations.

Driver Name: Bill Evans Signature: _____ Date: 5-5-11

Date: 5-5-11 Time: 10:20 Truck Capacity: 4000 gal
Volume Received: 4000 gal
Radiation: Pass / Fail

DELCOA	Sample ID #:	Form U:	DELCOA Central Laboratory
	<u>11111150711</u>	pH: <u>6.67</u> TS %: _____ VS%: _____ Color: _____ Odor: _____	Volatility: <u>Pass / Fail</u> Sulfide: <u>Pass / Fail</u> Cyanide: <u>Pass / Fail</u>
	Name: _____ Signature: _____ Print		

NEW CASTLE COUNTY DEPARTMENT OF SPECIAL SERVICES
87 READS WAY, NEW CASTLE, DELAWARE 19720

AQUA WASTEWATER MANAGEMENT, INC.
HAULED WASTEWATER MAINFEST

(COMPLETE THIS FORM FOR LOADS DISCHARGED TO THE AIRPORT ROAD PUMP STATION)

1. Generator of Waste

Driver Name: _____

Truck #: _____

Customer: _____

Pick Up Date: _____

Address: _____

Customer Signature: _____

Print Customer Name: _____

2. Type of Waste

Source	✓	Volume
Residential- septic or holding tank	✓	1400
Commerical- septic or holding tank		
Grease Trap		
Pump Station		
Industrial		
OTHER (specify)		

3. Disposer of Waste (to be filled out at dump site.)

The above described wastewater was picked up and hauled by the above named company to the Airport Road Pump Station and was discharged on the date shown below. I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and prosecution for knowing violations.

Driver Signature: _____

Truck #: _____

Print Driver Name: _____

NCC Permit #: _____

Date Discharged: _____

Time Discharged: _____



www.rumsey.com

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

**** INVOICE ****

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

QUALITY & SERVICE - SINCE 1895

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

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

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

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

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

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draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 13, 2011

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday June 13, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, and Dana Pizarro. Also in attendance were: Rick Smith, Township Manager; Mark Miller, Director of Public Works; Dan Barbato from Pennoni; Bob Adams, Authority Solicitor; Scott Towler from Brickhouse Environmental; William Ronyack (Miller Environmental); Carmen Battavio, Township Supervisor; Walter Wujcik (Conservancy Board) and Dan Daley (Planning Commission).

COMMON ACRONYMS:

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

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

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

2. RIDLEY CREEK REPORTS

A. Brickhouse Report

Efforts during the month of May were largely focused on resolving warranty related issues identified through operation of the facility, on-site technical training and troubleshooting by Siemens Personnel and working with both contractors to provide the necessary documentation required for project close out.

A meeting was held on May 4th to review the documentation required for project closeout. In attendance were representatives from the Municipal Authority, Pennoni Associates Inc, Brickhouse Environmental Inc, Worth & Company, and Clinger Corporation. Letters summarizing the requirements as specified in the contract documents were provided to both contractors.

During the week of May 9th through May 12th, Paul Christiansen from Siemens Jet Tech SBR was on site to provide the third week of technical training and assistance as specified within the contract documents. Process control data was compiled and provided to Mr. Christiansen in advance of his visit so he could familiarize himself with operation of the treatment system. The training was attended by staff from Miller Environmental, Municipal Authority, Pennoni Associates Inc and Brickhouse Environmental Inc. A summary report was prepared.

Representatives from Clinger Corporation and Worth & Company were on site to address outstanding punch list and warranty items. Clinger provided Staff, during the week of May

1 9th in order to resolve punch list items. Recent additions to the Worth & Company warranty
2 repair list included a reversing contactor for the incline conveyor for the centrifuge
3 dewatering system. The item was replaced through Worth & Company and the system
4 returned to service.
5

6 The wastewater treatment operation and maintenance service provider discontinued the
7 addition of sodium hypochlorite to the SBRs. The treatment system experienced a loss of
8 nitrification resulting in elevated ammonia as nitrogen concentrations in the final effluent.
9 Measures to restore nitrification were implemented and nitrification was restored during the
10 week of May 31st. Measures to improve the settle ability of the SBR activated sludge have
11 been implemented to reduce solids loss through the effluent.
12

13 SBR #2 was removed from service, drained and cleaned. The Municipal Authority has
14 contracted with a sludge hauling company to remove and dispose of the sludge and debris
15 that accumulated within the basin. An inspection was performed on June 2, 2011 revealing
16 several "bubbles" beneath the CIM liner. The bubbles were observed to be dry when
17 opened, suggesting the presence of "outgassing" resultant from inadequate initial surface
18 preparation and/or application condition from the CIM material. A copy of the CIM coating
19 procedure was made available.
20

21 The PA DEP Water Quality Specialist/Inspector continues to routinely visit the facility and
22 maintain communication with wastewater treatment operation and maintenance service
23 provider. It is anticipated implementation of the new wastewater treatment permit discharge
24 limitations will be delayed until August 2011, provided the facility has demonstrated
25 consistent compliance with the new discharge permit limits.
26

27 The project remains substantially complete with final closeout pending.
28

29 Scott passed around an impeller which, after only 1 year, is in bad shape. Flite never did
30 start all 4 pumps. They will be out tomorrow. The flushout valve on this pump is not as
31 steady as the other 3 pumps. Mark said they found no grit in #2. Scott expects Flite will
32 bring a technician to check all pumps. Scott explained the problem with the bubbles under
33 the CIM liner. They want to get the plant back to 6 hour recycling. Scott will get them on a
34 more regular testing schedule.
35

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

37 **RCSTP Upgrade and Expansion**

- 38 • Construction phase services continue with punch list monitoring, review of
39 operations and maintenance submittals and as-built plans, progress meetings,
40 troubleshooting, and coordination with the Project Manager and the Township.
41
- 42 • A breakdown of effort expended over the past month by Pennoni is provided with
43 the invoice detail under separate cover.
44
- 45 • Worth and Company and Clinger Corporation continue working on punch list
46 completion. A punch list update for both contractors will be completed in the next
47 week. Verification of completed items continues. Clarification was sent to the
48 Project Manager to Clinger regarding closeout requirements. Additional paper
49 copies of the design drawings were sent to Clinger at their request for markup.

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- Pennoni was asked to provide an opinion on the benefit of a whole-plant blow down to restart the plant. Pennoni's design engineer was present during the Siemens testing in May and we provided commentary and clarifications to the Project Manager's report on performance testing. We do not believe that draining the SBRs and reseedling is warranted. We have also provided additional comments to the Township and PM regarding optimization of the plant operations, which are the result of several discussions with the Plant Operator and the Project Manager.
 - Matt McAloon, of Pennoni, was present on June 3 to assist with the inspection of the interior and coating of SBR #2 after it was drained and cleaned.

13 I / I Metering Project

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

19 Ridley Creek Consent Order

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

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

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- Pennoni was asked at the last Authority meeting to clarify the two scope of work items listed as "survey allocations". Site recon and preliminary survey to compare the plans to existing conditions were completed at the end of May. The plans are relatively close to existing conditions with some variances in horizontal and vertical accuracy. The plans provided were based on aerial survey. Based on the recon and preliminary survey, we do not anticipate that a full boundary, topographic, and property survey will be needed unless specifically required to meet DEP permitting requirements.
 - A pre-application/closure requirement meeting was held with DEP on June 3 with Pennoni and the Township. DEP believes that sludge can be left in the ponds if properly handled and deemed non-hazardous. DEP will obtain confirmation from their Waste Management Division to confirm this determination. Pennoni will draft a closure plan for review and comment.
 - DEP appears to be satisfied with our response to their comments for the Hershey's Mill/Reserve report. We anticipate approval of the reports in the next month.

42 Marydell PS Elimination Planning

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- The draft report for the Act 537 Plan Revision was submitted to the DEP in April. No comments have been received from DEP at the time of this report.

46 Applebrook Spray Irrigation NPDES Permit Renewal

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- We are preparing the NPDES discharge permit and anticipate submittal to DEP in Mid-June.

1 **C. Miller Environmental Report**

2 Bill Ronyack reported the following:

- 3 ● Aqua continues to work on Norcardia removal
- 4 ● MEI & Pennoni are scheduled to meet and recommend a plan for dealing with old
- 5 sludge.
- 6 ● Scott Towler is working on filter feed #2 alarm
- 7 ● 2 UV Low/Low alarms on 5/5; SBR #4 turbs.
- 8 ● Plant is recovering from early April solids loss. Exact cause is undetermined.
- 9 ● Owners/Operators/Engineers/Contractors met to discuss ongoing issues.
- 10 ● No new issues at Lockwood.

11 ~~Bill mentioned that Jesse is doing additional screening. Jack asked about the containers of~~
12 ~~Chlorine. Bill said they were 5 gallon containers for Lockwood.~~

13 Bill pointed out that on the DMR, in the column for number of exceptions, 0 is good. If a
14 higher number is put in, the program will automatically request a sub-report explaining any
15 issues.

16 ~~They are still getting a lot of nuisance alarms.~~

17 Jack mentioned odors at Lockwood. Bill explained that the permit is very specific about
18 amounts to be sprayed. They are making efforts to get close to the allowable limit.

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20 Cost Summary Report

21 None

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23 D. Change Orders

24 None

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26 **3. RCSTP INVOICES**

27 A. Brickhouse Environmental, #5983, \$10,810.00. Jack moved to approve payment. Fran
28 seconded the motion. There was no further discussion. The motion passed unanimously.

29 B. Worth & Co. #25, \$125,323.79. Rick and Mark Miller recommended paying \$100,000.
30 Joe agreed since there is a pump issue to resolve. Jack moved to approve payment in the
31 amount of \$100,000. Fran seconded the motion. There was no further discussion. The
32 motion passed unanimously.

33 C. Aqua Wastewater Management #123232, \$6,169.22. Jack moved to approve payment.
34 Dana seconded the motion. There was no further discussion. The motion passed
35 unanimously.

36 D. Clinger #M11050 (due to PECO problem) \$16,059.00. Dana moved to approve
37 payment. Fran seconded the motion. There was no further discussion. The motion passed
38 unanimously.

39 E. Gawthrop Greenwood, PC #88903, \$105.00. Fran moved to approve payment. Dana
40 seconded the motion. There was no further discussion. The motion passed unanimously.

41 F. Glasgow, Inc. #249252, \$3,628.97. Jack moved to approve payment. Fran seconded
42 the motion. There was no further discussion. The motion passed unanimously.

43 G. Hammond & McCloskey #5031, \$3,450.59. Dana moved to approve payment. Jack
44 seconded the motion. There was no further discussion. The motion passed unanimously.

45 H. Hammond & McCloskey #5077, \$1,004.67. Fran moved to approve payment. Dana
46 seconded the motion. There was no further discussion. The motion passed unanimously.

47 I. Pennoni, #473337, \$1,177.50. Dana moved to approve payment. Fran seconded the
48 motion. There was no further discussion. The motion passed unanimously.

1 **4. CHAIRMAN'S REPORT**

2 A. Fran attended the West Goshen meeting. They are still working on an analysis of
3 Goose Creek.
4

5 **5. APPROVAL OF MINUTES**

6 A. Jack moved to approve the minutes of the May 9, 2011 meeting as corrected. Dana
7 seconded the motion. The motion passed unanimously.
8

9 **6. APPROVAL OF INVOICES**

10 A. Pennoni, #473327, \$1,867.50. Dana moved to approve payment. Jack seconded the
11 motion. There was no further discussion. The motion passed unanimously.

12 B. Pennoni, #473328, \$502.50. Dana moved to approve payment. Jack seconded the
13 motion. There was no further discussion. The motion passed unanimously.

14 C. Pennoni, #473329, \$750.00. Fran moved to approve payment. Dana seconded the
15 motion. There was no further discussion. The motion passed unanimously.

16 D. Pennoni, #473330, \$1,494.00. Jack moved to approve payment. Fran seconded the
17 motion. There was no further discussion. The motion passed unanimously.

18 E. Pennoni, #473331, \$295.00. Jack moved to approve payment. Dana seconded the
19 motion. There was no further discussion. The motion passed unanimously.

20 F. Pennoni, #473332, \$1,747.50. Rick pointed out that this invoice is for Ridley Creek
21 meeting. Dana moved to approve payment. Fran seconded the motion. There was no
22 further discussion. The motion passed unanimously.

23 G. Gawthrop Greenwood, #88902, \$589.00. Dana moved to approve payment. Fran
24 seconded the motion. There was no further discussion. The motion passed unanimously.

25 II. Maillie, Falconiero & Co., #1000005019, \$7,500.00. Jack moved to approve payment.
26 Fran seconded the motion. There was no further discussion. The motion passed
27 unanimously.
28

29 **7. LIAISON REPORTS**

30 A. Conservancy Board – Walter reported that they are continuing to work on a plan for
31 handling invasives in Applebrook Park. They need to have a report to the Board of
32 Supervisors by September 2011. Weeds, Inc. is continuing to spray invasives at the
33 Blacksmith Shop and Reservoir Road locations. 100 understory shrubs were planted in May
34 at the new woodland area at Line Rd and Paoli Pk. This area is fenced in for now to keep
35 the deer out.

36 B. Historical Commission – Jack read a report from Ellen which said that 450 people
37 attended their 12th Annual June Living History Day. They changed to the Civil War era so
38 the Plank House became a tavern serving ginger beer. The re-enactors had a cannon, a
39 covered wagon and horses. It was a very successful day.

40 C. Board of Supervisors – Carmen reported that the Community Day on June 25, 2011 is
41 now completely funded by sponsors. There will be no need to use tax money. He thanked
42 all of the sponsors.

43 Regarding the Community Day, Rick announced that there will be a township tent and they
44 are asking all of the ABCs to tend a table, providing a handout about their ABC, from 6 to 8
45 pm. Jack suggested using the comments piece that Sue Smith made up. It could be enlarged
46 and put on an easel. Dan Barbato, Pennoni, offered to make posters, etc., at no cost.

47 D. Planning Commission – Dan reported that they reviewed a U&O for TRU-Team at 1422
48 Paoli Pike and are reviewing the township sign ordinance for modification.
49

1 **8. FINANCIAL REPORTS**

2 Financial reports were reviewed.

3
4 **9. OLD BUSINESS**

5 None

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7 **10. GOALS**

8 None

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10 **11. NEW BUSINESS**

11 A. ~~The Sewer Connection Agreement for 1404 Pine Rock Road was reviewed. The~~
12 Municipal Authority is giving the current owner 20 years to pay for the sewer connection. If
13 there is any kind of title transfer, it must be paid in full. Jack moved to authorize the
14 Chairman, Joe McCawley, to execute the agreement. Dana seconded the motion. There was
15 no further discussion. The motion passed unanimously.

16
17 **12. CAPACITY REQUESTS**

18 None

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20 **13. SEWER REPORTS**

21 A. Mark Miller reported the following:

22 Meters: The Chester Creek meters were read on a daily basis. The temporary meters
23 that they have been reading as part of the consent order, were pulled and placed in
24 new locations.

25 C.C. Collection: The Public Works Department made several lateral repairs this
26 month repairing an estimated 50,000 to 75,000 gallons of infiltration. Pipe Data
27 View made five point repairs on the Chester Creek Collection System. These
28 repairs were done in high traffic areas. They found 1500 feet of sewer line that will
29 need to be lined in Mary Dell Farm.

30 They found a manhole on Clover Lane that was lined seven years ago starting to
31 come apart. Mark contacted Terre Hill Concrete, who came out and replaced the
32 liner at no cost to the Authority. ~~Mark will be replacing manhole covers this year on~~
33 the streets that will be repaved. Also, they will be raising the manhole castings with
34 brick and mortar rather than metal paving risers as done in the past, because they
35 found that those risers don't hold up.

36 Lockwood Plant: The fence around the ponds required some repairs. They also had
37 to replace the gate. The floating aerators were pulled and routine maintenance was
38 done in-house.

39 Ridley Creek: After the meeting with the contractors, as well as the operators, they
40 seem to be getting the plant back to where it should be. Due to high ammonia levels,
41 the plant operators stopped treating the nocardia. Once the levels drop, they will
42 begin adding chlorine once again. Number 2 SBR was drained, cleaned and
43 inspected by all involved. Mark will have a verbal report on the findings.

44 The Siemens Engineer was out in May to go over the SBR operations. Scott Towler
45 will report on the engineer's findings. They had some problems with the centerfuge.
46 Worth was notified and came out to make the repairs.

47 The Public Works Department restored the Turner property last week. They also did
48 some cleanup of basin number 2 and installed jute matting.

49 Alarms: They responded to 20 alarms during the month of May.

1 PA One Calls: The Public Works Department responded to 65 PA One Calls.

2
3 **14. ANY OTHER MATTER**

4 None

5
6 **15. CORRESPONDENCE**

7 None

8
9 **16. PUBLIC COMMENT**

10 None

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12 **17. ADJOURNMENT**

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

16
17 Respectfully submitted,

18
19
20 Ruth Kiefer, Recording Secretary

21
22 C:\Documents and Settings\Owner\My Documents\My Word\Municipal Authority\MA 2011\MA 06-13-11 draft.doc



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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
04/30/2011
Client No: 6604-01M
Invoice No. 88902

General Authority Services

Fees

		Hours	
04/11/2011	RFA		
	Review packet for 4/11 meeting of Authority; attend regular meeting of Municipal Authority.	2.50	
04/25/2011	RFA		
	Review material regarding Goose Creek TMDLS.	<u>0.60</u>	
	For Current Services Rendered	3.10	<u>589.00</u>

Recapitulation

	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
<u>Timekeeper</u> Robert F. Adams	3.10	\$190.00	\$589.00
Previous Balance			\$513.00
Total Current Charges			589.00
Balance Due			<u>\$1,102.00</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.



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Page: 1
04/30/2011
Client No: 6604-08M
Invoice No. 88903

Ridley Creek Treatment Plant - Arbitrations

Fees

Hours

04/11/2011				
	SRM	Review correspondence from client regarding status; correspondence to client.	0.20	35.00
04/12/2011				
	SRM	Telephone conference with J McCurty.	0.20	35.00
04/29/2011				
	SRM	Voice mail to counsel for Clinger.	0.20	35.00
		For Current Services Rendered	0.60	105.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Stephen R. McDonnell	0.60	\$175.00	\$105.00
Previous Balance			\$442.07
Total Current Charges			105.00
Balance Due			<u>\$547.07</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.

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

ON-GOING

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

RIDLEY CREEK PROJECT

1. Monitor construction.
2. Invite Board of Supervisors and all other ABC members to tour the plant.
3. Open House at the RCSTP
4. Have Siemens conduct a training session for Miller and Township Employees on the new SBR unit. (This would be in lieu of us going to the Siemens' facility in the mid-west.) Done

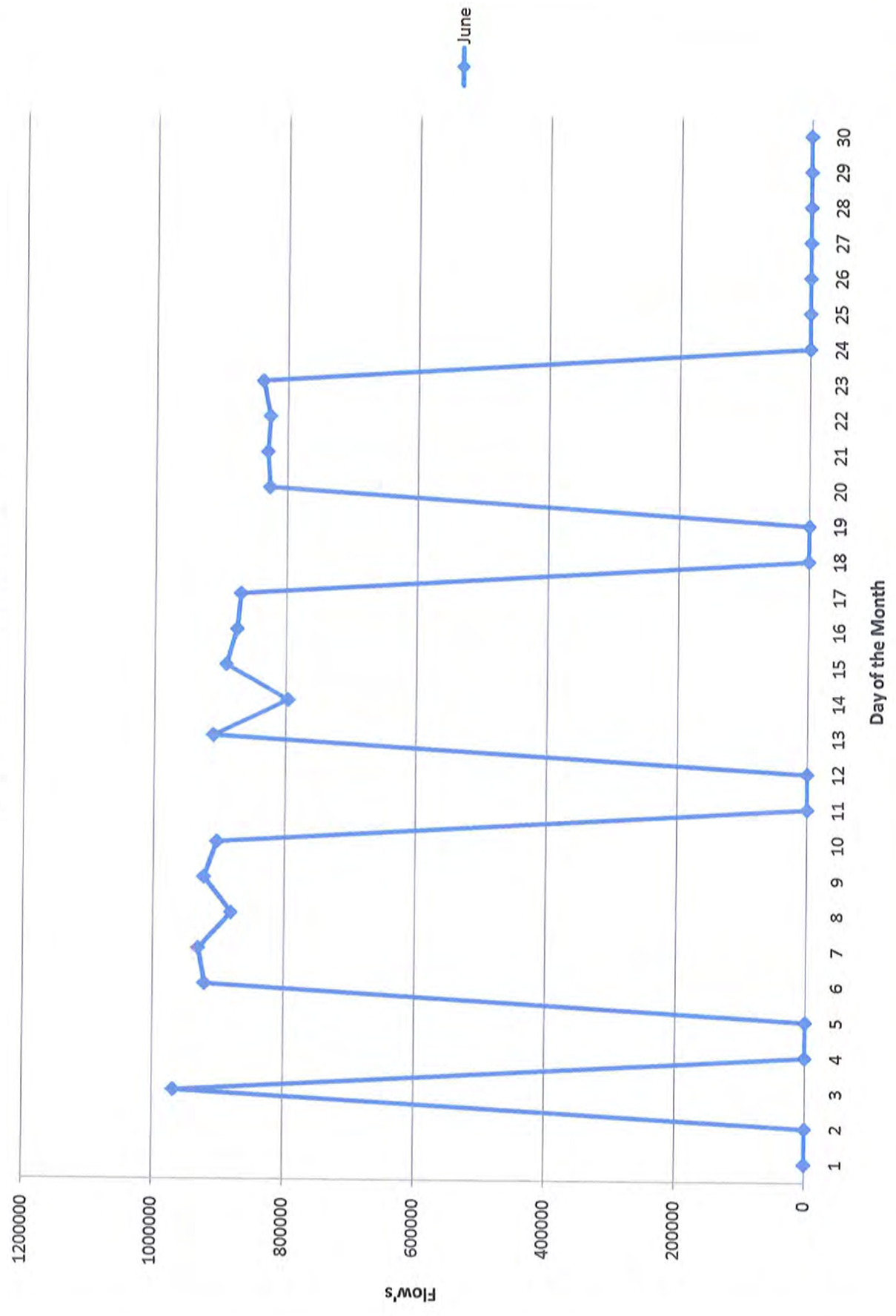
ACT 537 PLANNING

1. **Obtain Act 537 Plan approval for the Lockwood STP Abandonment Project. Completed 3/29/11**
2. **Obtain Act 537 Plan approval for the Greenhill PS Redirection and the Reserve PS Abandonment Project. Completed 6/11**
3. Obtain Act 537 Plan approval for the Marydell PS Abandonment project. Notice in Daily Local News for public comment 6/11.
4. Obtain construction permits, solicit bids and start construction of the Marydell PS Abandonment project.

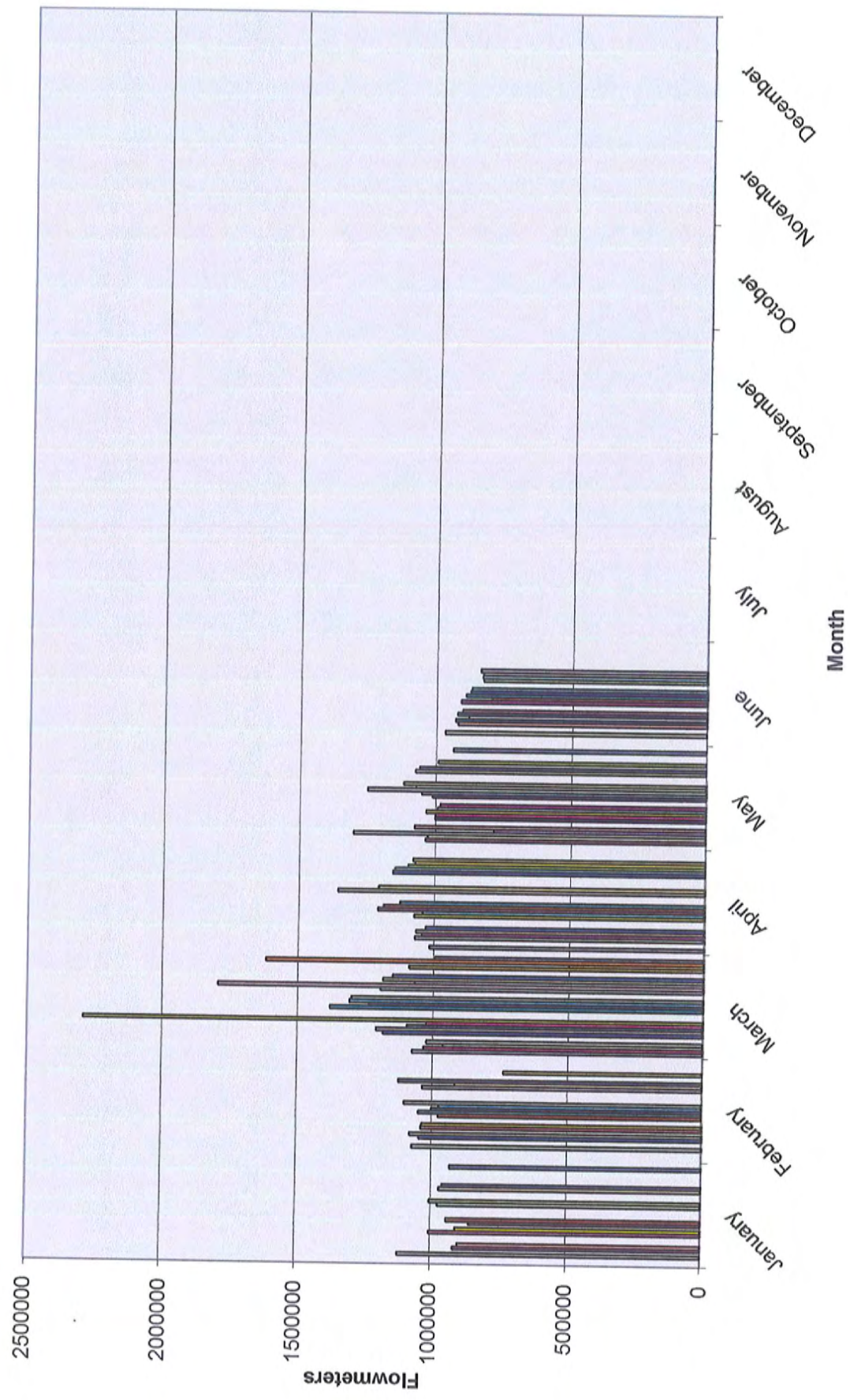
2011 FLOWMETERS

2011 JUNE 2ND QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION																	
Precip	WESTTOWN WAY			ELLIS LANE			PAOLI PIKE			WILSON DRIVE			SUMMIT		NET		
	DATE	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	GPD	FLWS	DATE	
0.00	06/01/11													20,400	0	06/01/11	
0.00	06/02/11													20,400	0	06/02/11	
0.00	06/03/11	2,117,497	1,235,000	19,091,995	134,500	10,053,348	70,510	11,636,175	62,330	20,400	967,660	20,400	20,400	967,660	06/03/11		
0.00	06/04/11													20,400	0	06/04/11	
0.00	06/05/11													20,400	0	06/05/11	
0.00	06/06/11	2,120,966	1,156,333	19,131,597	132,007	10,073,484	67,120	11,646,920	35,817	20,400	921,390	20,400	20,400	921,390	06/06/11		
0.00	06/07/11	2,122,164	1,198,000	19,144,847	132,500	10,080,356	68,720	11,653,490	65,700	20,400	931,080	20,400	20,400	931,080	06/07/11		
0.00	06/08/11	2,123,300	1,136,000	19,157,306	124,590	10,086,741	63,850	11,660,066	65,760	20,400	881,800	20,400	20,400	881,800	06/08/11		
0.05	06/09/11	2,124,510	1,210,000	19,170,206	129,000	10,093,619	68,780	11,668,985	88,190	20,400	923,030	20,400	20,400	923,030	06/09/11		
0.00	06/10/11	2,125,691	1,181,000	19,182,760	125,740	10,100,433	68,140	11,677,281	82,960	20,400	904,160	20,400	20,400	904,160	06/10/11		
0.80	06/12/11													20,400	0	06/12/11	
0.00	06/13/11	2,129,238	1,182,333	19,223,988	137,360	10,121,370	69,790	11,696,744	64,877	20,400	910,307	20,400	20,400	910,307	06/13/11		
0.10	06/14/11	2,130,280	1,042,000	19,235,346	113,580	10,127,360	59,900	11,703,891	71,470	20,400	797,050	20,400	20,400	797,050	06/14/11		
0.00	06/15/11	2,131,459	1,179,000	19,249,267	139,210	10,134,368	70,080	11,711,689	77,980	20,400	891,730	20,400	20,400	891,730	06/15/11		
0.56	06/16/11	2,132,609	1,150,000	19,262,257	129,900	10,140,624	62,560	11,719,903	82,140	20,400	875,400	20,400	20,400	875,400	06/16/11		
0.00	06/17/11	2,133,773	1,164,000	19,276,911	146,540	10,147,347	67,230	11,727,925	80,220	20,400	870,010	20,400	20,400	870,010	06/17/11		
0.00	06/18/11													20,400	0	06/18/11	
0.00	06/19/11													20,400	0	06/19/11	
0.00	06/20/11	2,137,018	1,081,667	19,315,342	128,103	10,166,478	63,770	11,746,809	62,947	20,400	826,847	20,400	20,400	826,847	06/20/11		
0.12	06/21/11	2,138,127	1,109,000	19,328,006	126,640	10,172,571	60,930	11,755,910	91,010	20,400	830,420	20,400	20,400	830,420	06/21/11		
0.00	06/22/11	2,139,228	1,101,000	19,340,404	123,980	10,178,799	62,280	11,764,678	87,680	20,400	827,060	20,400	20,400	827,060	06/22/11		
0.03	06/23/11	2,140,351	1,123,000	19,352,393	119,890	10,185,291	64,920	11,774,652	99,740	20,400	838,450	20,400	20,400	838,450	06/23/11		
0.00	06/24/11													20,400	0	06/24/11	
0.00	06/25/11													20,400	0	06/25/11	
0.00	06/26/11													20,400	0	06/26/11	
0.00	06/27/11													20,400	0	06/27/11	
0.00	06/28/11													20,400	0	06/28/11	
0.00	06/29/11													20,400	0	06/29/11	
0.00	06/30/11													20,400	0	06/30/11	
2.11			1,149,889		129,569		65,905		74,655	20,400	879,760						
						DAILY LOC	INQUIRER	EG TWP									
		MONTH TO DATE						2.11									
		NORMAL MONTH TO DATE															
		YEAR TO DATE						24									
		NORMAL YEAR TO DATE															

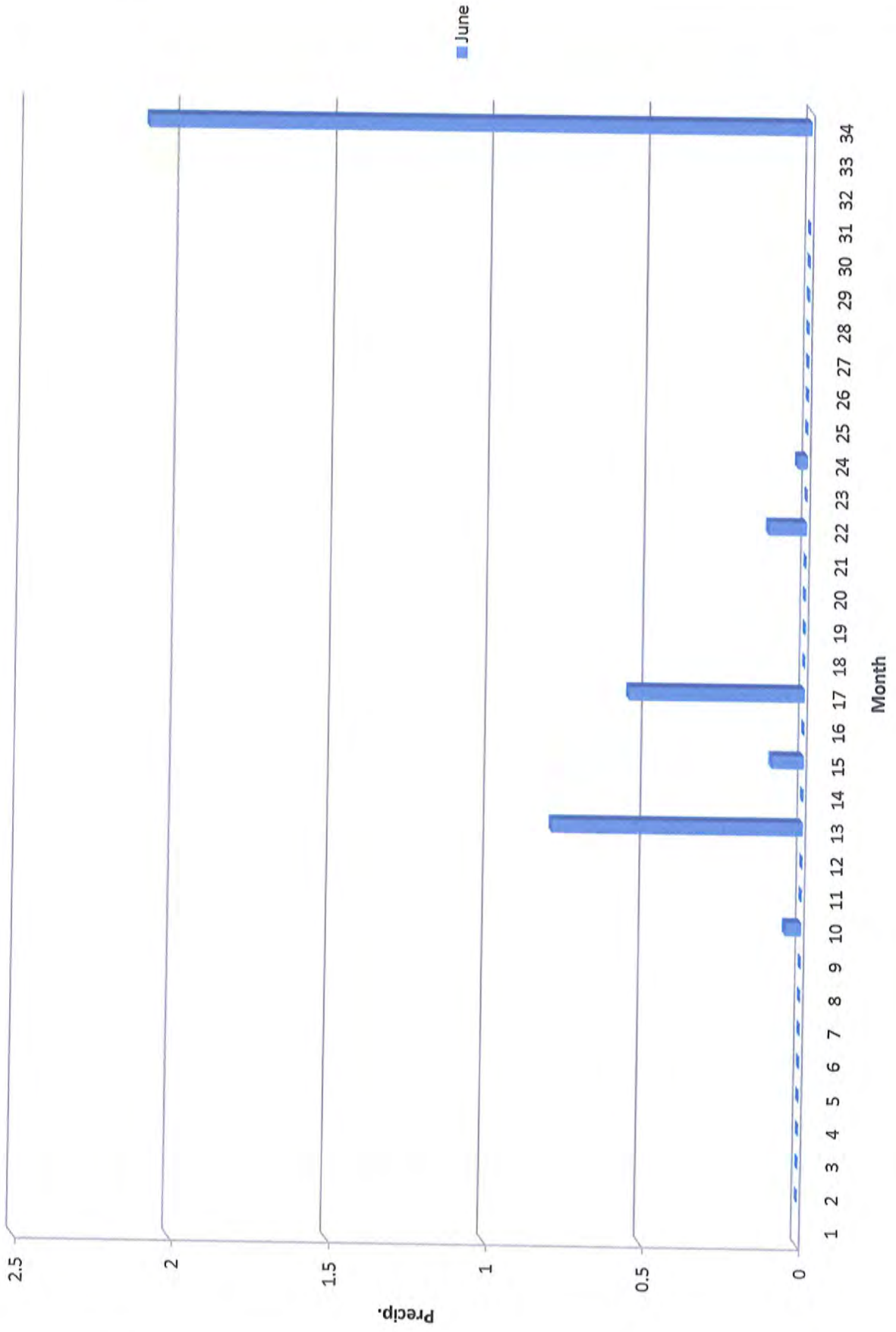
Flowmeters June 2011



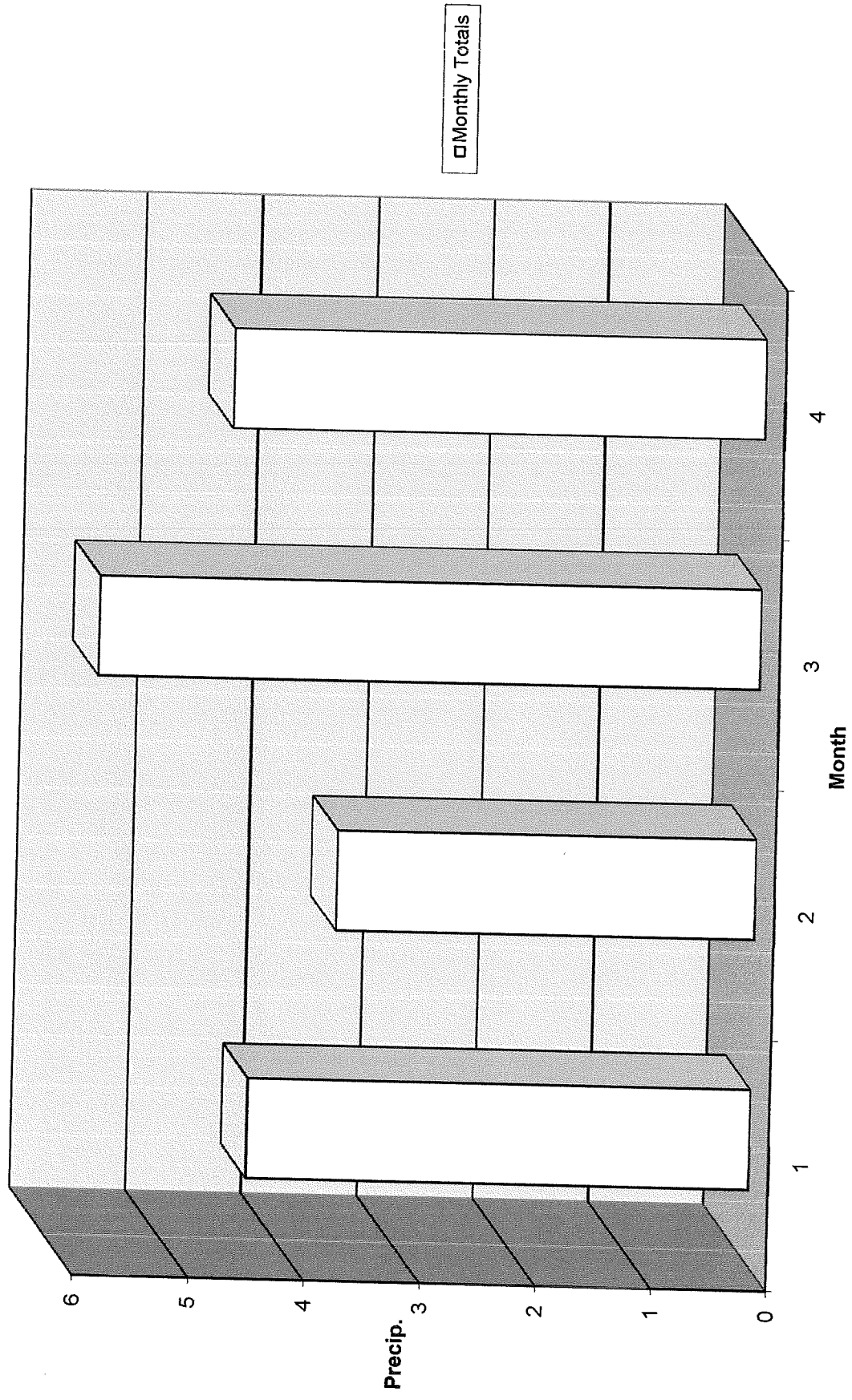
Monthly Totals 2010 Jan-Dec



Monthly Totals 2011 (Jan - Dec)



Monthly Totals 2011 (Jan-Dec)



East Goshen Township Flows

May

2011

BY: [Signature]
DATE: 5/10/11

Date	West Goshen Plant Flow mgd	West. Way Pump Station mgd	Ellis Lane Meter Pit mgd	Paoli Pike Meter Pit mgd	Wilson Drive Meter Pit mgd	West. Way Meter Pit mgd	Total East Goshen Flow mgd
1	6.059	1.845	0.146	0.075	0.046	1.293	1.026
2	5.573	1.729	0.149	0.074	0.068	1.320	1.029
3	5.824	1.785	0.152	0.079	0.074	1.353	1.048
4	5.811	1.876	0.167	0.079	0.075	1.392	1.071
5	5.905	1.797	0.150	0.073	0.065	1.303	1.015
6	5.669	1.671	0.145	0.073	0.040	1.262	1.004
7	5.808	1.648	0.145	0.074	0.040	1.262	1.003
8	5.232	1.772	0.146	0.073	0.040	1.262	1.003
9	5.576	1.739	0.142	0.075	0.065	1.342	1.060
10	5.573	1.719	0.138	0.072	0.061	1.261	0.990
11	5.372	1.700	0.137	0.070	0.062	1.252	0.983
12	5.372	1.700	0.137	0.072	0.061	1.258	0.988
13	5.144	1.663	0.154	0.075	0.045	1.295	1.021
14	5.084	1.656	0.155	0.074	0.045	1.296	1.022
15	6.586	2.032	0.154	0.075	0.045	1.295	1.021
16	5.796	1.817	0.156	0.072	0.076	1.376	1.072
17	6.834	2.072	0.187	0.080	0.078	1.537	1.192
18	6.132	1.928	0.165	0.079	0.075	1.394	1.075
19	5.267	1.979	0.175	0.077	0.068	1.451	1.131
20	6.533	2.022	0.173	0.080	0.045	1.388	1.090
21	5.598	1.923	0.174	0.080	0.046	1.389	1.089
22	7.633	2.335	0.174	0.080	0.045	1.388	1.089
23	5.466	1.420	0.147	0.073	0.070	1.314	1.024
24	5.337	1.823	0.151	0.074	0.073	1.340	1.042
25	5.492	1.813	0.150	0.074	0.065	1.291	1.002
26	5.481	1.806	0.163	0.075	0.057	1.290	0.995
27	5.440	1.729	0.139	0.071	0.036	1.188	0.942
28	5.047	1.645	0.140	0.072	0.037	1.188	0.939
29	4.883	1.642	0.139	0.071	0.036	1.188	0.942
30	4.996	1.687	0.139	0.072	0.037	1.188	0.940
31	4.617	1.710	0.138	0.073	0.065	1.270	0.994
1							

Total	175.14	55.68	4.73	2.32	1.74	40.63	31.84
Avg.	5.650	1.796	0.152	0.075	0.056	1.311	1.027

NOTES:



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100, P.O. Box 562 p. 610.696.8225
West Chester, PA 19381- 0562 www.gawthrop.com

Stephen R. McDonnell
610.696.8225 x163
610.696.7111 Fax
smcdonnell@gawthrop.com

June 29, 2011

Via Facsimile (215-564-3066)

Roy S. Cohen, Esquire
Cohen Seglias, Pallas, Greenhall & Furman, P.C.
United Plaza, 19th Floor
30 S. 17th Street
Philadelphia, PA 19103

RECEIVED
BY: _____

JUN 30 2011

Re: East Goshen Municipal Authority/Clinger Matter

Dear Mr. Cohen:

Please be advised my client has authorized me to accept Judge Gaffney as the mediator in relation to the above matter. At this point during the week of August 8 I have available the 8th, 9th 10th, and 11th, August 23rd and 24th. In September I have the 14th and 15th currently open. If any of these dates work, we will attempt to coordinate with Judge Gaffney with ADR Options.

Very truly yours,


Stephen R. McDonnell

cc: Louis Smith
Robert F. Adams, Esquire



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100, P.O. Box 562 p. 610.696.8225
West Chester, PA 19381-0562 www.gawthrop.com

RECEIVED
JUN 24 2011

Stephen R. McDonnell
610.696.8225 x163
610.696.7111 Fax
smcdonnell@gawthrop.com

June 23, 2011

Louis F. Smith, Jr., Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Re: East Goshen Township Municipal Authority

Dear Rick:

I finally had the opportunity to speak with Roy Cohen, Esquire, counsel for Clinger. Unfortunately he was not in a position to discuss resolution of the matter outside of mediation.

We did discuss potential mediators and mutually agreed to recommend retired Judge Gaffney of the Philadelphia Court of Common Pleas. Judge Gaffney has been mediating cases for ADR Options for as long as I can remember and is fairly effective in evaluating and resolving matters.

Please confirm I have authority to retain Judge Gaffney.

Very truly yours,


Stephen R. McDonnell

cc: Robert F. Adams, Esquire

BOARD OF SUPERVISORS

EAST GOSHEN TOWNSHIP

CHESTER COUNTY

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

June 30, 2011

Dear Property Owner:

The purpose of this letter is to inform you that the property at 922 N. Chester Rd. West Chester, PA 19380, (formerly McGinty's Nursery) has undergone site remediation for arsenic found in the soil as a result of environmental sampling done on the property. The PA Department of Environmental Protection (DEP) regulates these activities (Land Recycling Program).

Pursuant to Township Policy we are notifying all property owners within 1000 feet of the subject property which has undergone this remediation activity.

A report will be filed shortly with DEP and will outline the findings from the post remediation testing. The information on the "Intent to Remediate" for the property is available for review by the public at the Township Building. If you need more specific information about this remediation project contact the PA DEP at 484-250-5900.

Please give me a call at 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



RECEIVED AFTER
AGENDA
WAS PRINTED

July 7, 2011

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

Re: Proposal for Professional Services
Hershey Mill and Reserve Pump Station Diversions Design & Permitting

Dear Mr. Smith:

Pennoni Associates Inc. is pleased to submit the following proposal for the design, permitting, easements, and bid assistance services associated with the diversion of the Hershey Mill Pump Station (HMPS) force main and the closure and diversion of the Reserve Pump Station (RPS).

BACKGROUND

These diversion projects were initiated as a result of the *Township Wastewater Needs Evaluation*, dated April 16, 2007, which projected future flows through the Chester Creek Collection System (CCCS), a.k.a. West Goshen Service Area, will exceed the capacity limitation in the intermunicipal agreement between East Goshen and West Goshen. The intermunicipal agreement limits East Goshen's wastewater flow through the CCCS to a capacity of 1,000,000 gallons per day (gpd). The *Township Wastewater Needs Evaluation* determined that under potential future development, the flow through the CCCS may approach 1,300,000 gpd, which will exceed the current intermunicipal agreement and the available treatment capacity of the West Goshen Sewage Treatment Plant. By diverting the HMPS and RPS from the CCCS to the Ridley Creek Collection System (RCCS) and the recently expanded Ridley Creek Sewage Treatment Plant (RCSTP), approximately 64,275 gpd of capacity can be made available under the intermunicipal agreement. Additionally, the developments serviced by both of these pump stations were proposed to have wastewater treated at the RCSTP in the Township's 1999 *Act 537 Plan Update*.

Following the *Township Wastewater Needs Evaluation*, Pennoni prepared the *Hershey Mill and Reserve Pump Station Special Study*, dated February 15, 2008. The study recommended diversion of both pump stations into the RCCS. Pennoni prepared the *Act 537 Plan Update Revision for the Hershey Mill and Reserve Pump Station Diversion*, last revised June 2010 with a partial supplemental submission to the PADEP on February 17, 2011, which was ultimately approved by the PADEP on June 6, 2011.

The proposed diversion of the HMPS consists of approximately 990 feet of 6-inch force main through the property of 972 Cornwallis Drive and along the Cornwallis Drive right-of-way to a manhole in front of 968 Cornwallis Drive. The proposed diversion of the RPS consists of closure of the existing pump station and approximately 720 feet of gravity sewer extension, partially through the property of 929 Forest Lane, to an existing gravity sewer on the north side of Forest Lane. Each diversion requires one creek crossing.

SCOPE OF WORK

The scope of work has been divided into eight phases based upon our expectations for the level of work necessary to obtain permits, prepare easements, and develop bidding documents: Design; Survey; Boundary Survey Allocation; E&SPC Permitting; Water Quality Management (WQM) Part 2 Permitting; PADEP General Permits; Bid Assistance; and Additional Meetings. The scope does not include NPDES permitting, stormwater design, or any other County, State, or local permitting associated with sewer construction in the proximity of a pond, wetlands, or floodplain since such permitting is not anticipated to be required. Additionally, the scope does not include topographic or existing conditions surveying, wetlands delineations, bog turtle habitat screening, or historical resources assessments since the work performed on those items during preparation of the Planning Module is expected to be adequate for design and permitting.

Phase 1 – Design

During this phase, Pennoni will prepare the engineering plans and specifications necessary for the diversion of the HMPS force main and the diversion and closure of the RPS. Both diversion projects will be incorporated into one engineering plan set and one set of specifications and bidding documents to result in one construction contract.

The routing and connections of the diversions will be as described above in the “Background” section. The plans and specifications will include existing conditions plans; plans and details of abandonment of the force mains and RPS; plans and profiles of the proposed force main and gravity sewer; details of the connections to existing sewers, road and lawn restoration, sewer appurtenances; and erosion and sediment pollution control plans and details.

Preliminary plans and specifications will be prepared for review by the Township. Following Township approval, the plans and specifications will be used for the permit application submissions to the PADEP (WQM Part 2 Permit and General Permits for Stream Crossings) and Chester County Conservation District (E&SPC Approval).

During the review of the permit applications by the PADEP and County, final plans and specifications will be prepared for bidding and construction.

Phase 2 – Sewer Stakeout and Easements

Pennoni will perform a field survey to stakeout the proposed HMPS force main routing and RPS gravity sewer routing in locations as described above in the “Background” section. The stakeout will be performed to field verify the constructability of the proposed sewers (e.g. evaluate conflicts with existing trees, landscaping, hardscaping, utilities, etc.) and to show property owners the impact of required easements. Pennoni will also prepare legal descriptions and exhibits for permanent easements through a total of six properties (three easements for the proposed HMPS force main and three easements for the proposed RPS gravity sewer).

Pennoni has previously performed topographic and existing conditions field surveying along the routes of the proposed sewers so no further topographic or existing conditions surveying is included in this scope of work.

Phase 3 – Property Boundary Survey Allocation

Pennoni will verify property boundary and parcel information necessary for the preparation of easements for both diversions. The easements will be prepared as part of Phase 2; however, parcel information needs to be verified since the previous survey was performed nearly two years ago. We will determine if the owners and deeds included on the Planning Module plot plans are current, and we will update the information as necessary if ownership or deed information has changed since the previous survey. If we find that all property information on the plans is accurate and current, the amount of time used from this phase budget will be reduced.

Phase 4 – E&SPC Permitting

During this phase, Pennoni will prepare the application and supporting documents for an Erosion & Sediment Pollution Control (E&SPC) Approval from the Chester County Conservation District (CCCD). Pennoni will attend a pre-application meeting with the CCCD. We will prepare the application forms and E&SPC Narrative(s). The E&SPC design plans developed in Phase 1 will be submitted with the E&SPC application package(s).

Since there will be less than 1 acre of construction disturbance on each diversion, NPDES permitting is not anticipated to be necessary and is not included in this scope of work.

Phase 5 – Water Quality Management Part 2 Permitting

During this phase, Pennoni will prepare the application and supporting documents for a Water Quality Management (WQM) Part 2 Permit from the PADEP for the HMPS Diversion only. Since the HMPS Diversion services over 250 EDU's and involves continued use of a pump station, PADEP's regulations require a WQM Part 2 Permit. The RPS Diversion, on the other hand, services less than 250 EDU's and does not involve continued use of a pump station so it is anticipated that PADEP will not require a WQM Part 2 Permit for that diversion.

Pennoni will attend a pre-application meeting with the PADEP to determine the specific permitting requirements. Based upon PADEP's standard permitting procedures, this phase will consist of preparation of a General WQM Part 2 Permit application including the General Information Form, Design Engineer's Report, Act 14 Notifications, and Sewer Extensions Module 2 or 17. The design plans and specifications developed in Phase 1 will be submitted with the application package. After a WQM Part 2 Permit is obtained, we will prepare a letter to PADEP requesting termination of the existing RPS Permit. The scope does not include preparation of Module 13 for Stream Crossings since the stream crossings are anticipated to be addressed via the PADEP General Permits in Phase 5.

Phase 6 – PADEP General Permits

Pennonni will prepare two General Permit GP-5 Utility Line Stream Crossings applications and two General Permit GP-8 Temporary Road Crossings applications (one stream crossing for each diversion) and submit to PADEP. The design plans developed in Phase 1 will be submitted with the application package(s) to fulfill the requirement for “sketch plans”. Cross-sections will be developed. We will also perform new PNDI searches. The scope does not include addressing any comments that may result from the PNDI search, since such work was already performed as part of the Planning Module. Additionally, the scope does not include any investigations for impacted drinking water intakes or reservoirs or preparation of a pollution control plan since such work is not anticipated to be necessary.

Phase 7 – Bid Assistance

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

Phase 8 – Additional Meetings

During this phase, Pennoni will attend meetings as requested by the Township at the hourly rates approved for Pennoni in 2011. Additional meetings may include: public meetings; meetings with property owners about easements; and progress review meetings with the Township, PADEP, CCCD, or other regulatory agencies. The E&SPC pre-application meeting with the CCCD and the WQM Part 2 Permit pre-application meeting with the PADEP are not included in this phase, but any follow-up meetings with the agencies will be considered part of this phase. This phase is included as an approximated budget.

SCHEDULE

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

	<u>Contract Day</u>
Notice to Proceed.....	1
Preliminary Plans and Specifications.....	60
Sewer Stake-out	60
Easements	75
Submit E&SPC Application	75
Submit WQM Part 2 Permit Application.....	75
Submit GP-5 & GP-8 Applications.....	75
E&SPC Approval (60 days).....	135
GP-5 & GP-8 Approval (120 days)	195
WQM Part 2 Permit Issuance (120 days)	195
Finalize Plans and Specifications.....	195
Advertise Solicitation.....	210
Bid Opening	240

FEE

Our estimated fee, to be billed on a time and material basis, is \$60,200.00 broken down by Phase as follows:

Phase 1 – Design.....	\$23,200.00
Phase 2 – Sewer Stakeout and Easements	\$11,000.00
Phase 3 – Property Boundary Survey Allocation	\$5,000.00
Phase 4 – E&SPC Permitting.....	\$3,600.00
Phase 5 – Water Quality Management Part 2 Permitting	\$6,000.00
Phase 6 – PADEP General Permits.....	\$3,800.00
Phase 7 – Bid Assistance	\$6,000.00
<u>Phase 8 – Additional Meetings</u>	<u>\$1,600.00</u>
<i>TOTAL</i>	<i>\$60,200.00</i>

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

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

BILLING AND PAYMENT

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

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

TERMS AND CONDITIONSGeneral

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

Special

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

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

Sincerely,

PENNONI ASSOCIATES INC.



Daniel P. Barbato, P.E.
Authority Engineer

July 7, 2011

Page 7

Rick Smith

HMPS & RPS Diversions Design & Permitting

Enclosures: As Stated

ACCEPTED BY: _____

(Print Name and Title)

DATE: _____



RECEIVED AFTER
AGENDA
WAS PRINTED

July 7, 2011

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

Re: Proposal for Professional Services
Hershey Mill and Reserve Pump Station Diversions Design & Permitting

Dear Mr. Smith:

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Bid Opening.....	240

FEE

Our estimated fee, to be billed on a time and material basis, is \$60,200.00 broken down by Phase as follows:

Phase 1 – Design	\$23,200.00
Phase 2 – Sewer Stakeout and Easements	\$11,000.00
Phase 3 – Property Boundary Survey Allocation	\$5,000.00
Phase 4 – E&SPC Permitting.....	\$3,600.00
Phase 5 – Water Quality Management Part 2 Permitting	\$6,000.00
Phase 6 – PADEP General Permits.....	\$3,800.00
Phase 7 – Bid Assistance	\$6,000.00
<u>Phase 8 – Additional Meetings</u>	<u>\$1,600.00</u>
<i>TOTAL</i>	<i>\$60,200.00</i>

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

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

BILLING AND PAYMENT

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

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

TERMS AND CONDITIONSGeneral

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

Special

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

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

Sincerely,

PENNONI ASSOCIATES INC.



Daniel P. Barbato, P.E.
Authority Engineer

July 7, 2011

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Rick Smith

HMPS & RPS Diversions Design & Permitting

Enclosures: As Stated

ACCEPTED BY: _____

(Print Name and Title)

DATE: _____