

EAST GOSHEN MUNICIPAL AUTHORITY

January 9, 2012

Monday, 7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE
 - a. Ask if anyone will be taping the meeting?
2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
3. APPROVAL OF MINUTES
 - a. December 12, 2011
4. APPROVAL OF INVOICES

a. Pennoni #491508	\$	907.50
b. Pennoni #491509	\$	1,510.00
c. Pennoni #491510	\$	1,210.00
d. Pennoni #491512	\$	810.00
e. Clinger #M11143	\$	1,484.04
5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. December Report
7. OLD BUSINESS
8. GOALS
 - a. 2012 Goals
9. NEW BUSINESS-
 - a. Pennoni Proposal for 2012
10. CAPACITY REQUESTS - none
11. SEWER REPORTS
 - a. Director of Public Works Report
 - b. Pennoni Report
 - c. Miller Environmental Inc Report with DMR's
 - d. East Goshen Township Flows for December 2011
12. ANY OTHER MATTER
13. CORRESPONDENCE AND REPORTS OF INTEREST
 - a. Ridley Creek NPDES
 - b. Lockwood Chase Discharge for Stormwater
 - c. Ridley Creek Audit with Transmittal
14. PUBLIC COMMENT
15. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

February 1, 2012

Delivery date

April 1 2012

1
2
3 **draft**
4 **EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**
5 **MEETING MINUTES**
6 **December 12, 2011**

7 The East Goshen Township Municipal Authority held their regularly scheduled meeting on
8 Monday, December 12, 2011 at 7:00pm at the East Goshen Township building. Members in
9 attendance were: Chairman Joe McCawley, Jack Yahraes, Fran Beck, Dana Pizarro and Kevin
10 Cummings. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio
11 (Township Supervisor), Dan Barbato (Pennoni), Bob Adams (Authority Solicitor), Richard Harp
12 (Miller Environmental), and Walter Wujcik (Conservancy Board).
13

14 **Call to Order & Pledge of Allegiance**

15 Joe McCawley called the meeting to order at 7:00pm and led those present in the Pledge of
16 Allegiance. There was a moment of silence to remember the troops. Joe asked if anyone would
17 be recording the meeting and there was no response.
18

19 **Chairman's Report/Other Members' Reports**

20 Jack went to the West Goshen meeting but they did not have a quorum.
21

22 **Approval of Minutes**

23 The Chairman noted that the minutes of the November 14, 2011 meeting were approved as
24 corrected.
25

26 **Approval of Invoices**

27 Jack moved to approve payment of Gawthrop Greenwood invoice PC95199 for \$680.48. Fran
28 seconded the motion. The motion passed unanimously.

29 Kevin moved to approve payment of the following invoices:

- 30 a. Pennoni #487505, \$387.50
31 b. Pennoni #487506, \$405.00
32 c. Pennoni #487507, \$2,127.50
33 d. Pennoni #487508, \$2,924.25
34 e. Pennoni #487510, \$1,532.50

35 Dana seconded the motion. There was no further discussion. The motion passed unanimously.
36

37 **Liaison Reports**

38 Conservancy Board - Walter Wujcik reported that the Conservancy Board planted more
39 understory trees in the reforest area. They are discussing other areas in Applebrook that need
40 replanting. They are looking for grants to fund these projects.
41

42 Board of Supervisors – Carmen reported that the 2012 budget should be approved at tomorrow
43 night's meeting. However, talks are still ongoing with Westtown regarding the police
44 department.
45
46

1 **Financial Reports**

2 Fran pointed out that Lockwood is spelled wrong.

3
4 **Old Business**

5 None

6
7 **Goals**

8 No comments.

9
10 **New Business**

- 11 a. 2012 Budget proposal was reviewed. Rick commented that he expects 2011 operating
12 budget to finish with about \$12,000 and the Ridley Creek budget to finish with about
13 \$47,425. Also, the four projects (Lockwood, Marydell, Hershey Mill and Reservoir),
14 should be done in 2012. Before 2014 funds will be used from the Capital Reserve. In
15 2014, the Authority may have to borrow funds. Jack moved to adopt the budget for 2012
16 as presented by the staff. Fran seconded the motion. Carmen cautioned the Authority to
17 watch the wording in future contracts. There was no further discussion. The motion
18 passed unanimously.
- 19 b. The Audit Proposal from Maillie, Falconiero & Co. was discussed. Jack moved to accept
20 the proposal for up to \$7,900.00 because they are auditing the grant. Dana seconded the
21 motion. The motion passed unanimously.

22
23 **Capacity Requests**

24 None.

25
26 **Sewer Reports**

- 27 a. Director of Public Works Report:
- 28 • Meters – They were read on a daily basis. There was a problem with the meter at
29 Waterview during a recent rain event; the probe broke loose and drifted down stream.
30 Unfortunately they were not able to retrieve the probe.
 - 31 • CC Collection – They recently televised the collection lines in Supplee Valley where
32 they found a lot of infiltration. They also raised and replaced several manhole
33 castings. All the pumping stations were maintained on a daily basis. They
34 encountered a problem with a pump at Barkway Pump Station. The pump was pulled
35 and the spare was installed.
 - 36 • Lockwood Plant – No report
 - 37 • RC Collection – No report
 - 38 • Ridley Plant: Worth Contractors were on site repairing some warranty items. John
39 Laidly was out to repair the UV module. Mark placed an order for new bulbs. It will
40 take 3 weeks to receive them. There was a problem with a solenoid in the screen
41 room. Mark asked John to look at it while he was on location. It had a bad
42 connection and the unit was repaired. Tank 4 was cleaned and put back in service.
43 The last MEI is draining; once that is complete the PWD will torque all the bolts.
44 Worth Contractors will install brackets on the pump slides.
 - 45 • Alarms – 23 alarms were received for November.
 - 46 • PA One Calls – Public Works Dept. responded to 110 PA One Calls.

- 1
2
3
4 b. **Pennoni** – Dan gave the following report:
5 Invoices - with summaries were provided under separate cover.
6

7 Ridley Creek Sewage Treatment Plant –

- 8 • They are reviewing Scott Towler’s memo summarizing his observations of the
9 current plant operation and the operator’s methods of collecting and recording data.
10 The plant designer, Tim Daily, is involved in the review and they will meet with the
11 Authority to discuss their opinion of the current operation.
12 • They received the panel dehumidifier equipment and delivered it to the Authority on
13 December 7. Mark Miller will schedule an electrician to install the equipment.
14

15 I/I Metering Project

- 16 • The Township continues to meter flows at selected locations. Temporary meters are
17 in operation at locations as recommended. Upon receipt of tributary connection data
18 from the Township, Pennoni will review permanent meter data (particularly in the
19 Chester Creek Service Area), make recommendations for 2012 temporary metering,
20 and identify potential I&I problem areas.
21

22 Ridley Creek Consent Order

- 23 • The last report for the year was completed and sent to DEP in advance of the
24 September 30th deadline. No comments were received. The final report is due in
25 March of 2012.
26

27 LCSTP Elimination

- 28 • The Chester County Conservation District issued an E&SPC adequacy letter on
29 December 6.
30 • DE P has informally indicated that they have no comments on the plans, but they
31 have not yet issued the NPDES Permit. Pennoni has requested that they follow-up on
32 the status of the Permit.
33 • They have had discussions with DEP about the Plant Closure Plan and have verbally
34 answered questions. They are awaiting a response from DEP on the status of their
35 review and approval.
36 • They have prepared draft specifications that were sent to the Township for review.
37 They have also begun to assemble bid plans for the sewer construction work only (the
38 permit plans included both the sewer construction and the plant closure).
39

40 Hershey Mill PS Diversion, Reserve PS Elimination Planning

- 41 • In early November, survey stakeout was performed for preliminary sewer alignments,
42 followed by a field recon to evaluate the alignments. They forwarded recommended
43 adjustments to the Township. Upon receipt of comments and responses from the
44 Township, they will finalize plans and permitting applications.
45
46

1 Marydell PS Elimination Planning

- 2
- 3 • The Planning Module was sent to DEP on October 12. DEP has confirmed receipt of
 - 4 the module but has not provided comments as of the date of this report. They have
 - 5 requested that DEP provide a status update on the project.
 - 6 • In early November, preliminary field stakeout of the sewer was completed and our
 - 7 recommendations were sent to the Township for consideration. Upon receipt of
 - 8 comments and responses from the Township we will prepare plans and permitting
 - 9 applications.

10 Applebrook Spray Irrigation NPDES Permit Renewal

- 11
- 12 • The NPDES discharge permit was submitted to DEP on June 15. DEP sent a letter
 - 13 confirming that the application is administratively complete and is undergoing
 - 14 technical review. They called DEP several times over the past month for a status
 - 15 update but have not received a return call.

16 Rick commented that the big leak in Supplee Valley to Ellis Lane was fixed. Dan will

17 watch for a change in flow.

- 18 c. **Miller Environmental Inc.** provided the following report on Operation and
- 19 Maintenance activities for the month of November 2011:

20 Routine Operation and Maintenance Activities:

- 21
- 22 • Daily sampling, testing and inspections for permit compliance
 - 23 • Routing daily testing for process optimization
 - 24 • Microscopic exams indicate filaments may be reappearing; grease control has been
 - 25 increased.
 - 26 • The Biomass is being watched closely due to excessive grease being introduced to the
 - 27 treatment process.
 - 28 • Wells to be sampled in December.
 - 29 • Cleaned grease from influent wet well daily.
 - 30 • Inspection of equipment in all phases of the treatment process

31 Non-Routine Operations and Maintenance Activities

- 32
- 33 • UV Banks being modified
 - 34 • Alum pumps #2 being repaired
 - 35 • SBR#1 was taken off line and SBR#4 was put on-line. All four reactors have now
 - 36 been dewatered and serviced as per manufacturer's request.
 - 37 • Influent meter to be installed

38 Items of Concern

- 39
- 40 • Filaments are abundant and starting to cause issues with settling. To combat the
 - 41 foaming, sodium hypochlorite was sprayed for one week which seemed to help but
 - 42 also resulted in high ammonia readings and was terminated for fear of not meeting the
 - 43 ammonia limits as per permit.
 - 44 • Factory Rep was on site twice to facilitate restarting of Centrifuge. Clogging was
 - 45 encountered during both events and the Rep spoke with Mark Miller about contacting
 - the contractor about changing the location of the chute.

- Centrifuge polymer mix chamber has a substantial leak.
- Front slide gate opens but sets off an alarm that it's not open, air leak.
- SBR blower #3 was looked at by Worth and put back on-line, however, it tripped out on the 8th of December and #5 was again put back in use.
- UV bank #2 mod 1 keeps tripping one lamp out on mod 4, bad or burnt ballast
- Disc filter #2 high waste, level select switch, and high level alarms.
- Solenoid valve for auger spray valve is not working on fine screen. (took apart and flushed diaphragm and spray nozzles) water will not pass through valves
- Dialer is not calling out when the generator exercises or is called to run
- Overflow at Lockwood grinder pit. Paper work was filled out and given to the Township secretary.

Items on Schedule for December

- Well testing for Lockwood
- Sludge dewatering
- Continued monitoring of filaments in reactors due to grease and possible solutions.

Summary of November Influent Flow – Ridley Creek

- Average - .378 mgd
- Maximum - .533 mgd

Summary of November Discharge – Lockwood

- Average – .000199559 mgd

Permit Compliance

Ridley had a minor eDMR exceedence for DO related to a new operator taking a dissolved oxygen reading during a non-decant cycle. The operator has been given the proper instruction as to when the samples should be taken.

Carmen noticed repairs of equipment and asked if they are under warranty. Rick Smith said there was a 2 year warranty and we are in the 2nd year.

Any Other Matter

- a. Kevin mentioned that, on Margo Lane, a manhole cover is on a sewer cap.
- b. New officers will be elected at the January meeting.

Adjournment

There being no further business, Fran moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:00pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary



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

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

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

Invoice #: 491508
 Invoice Date: 12/27/2011
 Project: EGMA1100
 Project Name: 2011 Annual Services

For Services Rendered through: 12/11/2011

November and December monthly reports and attendance at November Authority meeting.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 907.50
 Expense : 0.00
 Phase Total : 907.50

Amount Due This Invoice

\$907.50

Fee : 12,500.00
 Prior Billings : 11,315.00
 Current Billings : 907.50
 Total Billings : 12,222.50

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	8.25	110.00	907.50
Labor Total:	8.25		907.50

Total Phase : **** -- Professional Services

Labor : \$907.50
 Expense : \$0.00

Total Project : EGMA1100 -- 2011 Annual Services

Labor : \$907.50
 Expense : \$0.00

7424-3130

OK RS 1-6

East Goshen Municipal Authority
 EGMA1100 Invoice Summary.xlsx
 Invoice Date 12-27-2011

Project:	2011 Annual Services		
Pennoní Job No.:	EGMA 1100		
Invoice No:	491508		
Invoice Period:	10/17/2011	to	12/11/2011
Initial Authorization:	\$ 10,000.00	Date:	12/13/2010
Changes:	\$ 2,500	Date:	10/10/2011
Contract Amount:	\$ 12,500.00		
Previously Invoiced:	\$ 11,315.00		
Current Invoice:	\$ 907.50		
Invoiced to Date (\$):	\$ 12,222.50		
Invoiced to Date (%):	98%		
Remaining Budget (\$):	\$ 277.50		
Remaining Budget (%):	2%		

Budget by Phase:

Phase No.	****
Phase Name:	2011 Annual Services
Phase Budget:	\$ 12,500.00
Previously Invoiced:	\$ 11,315.00
Current Invoice:	\$ 907.50
Invoiced to Date (\$):	\$ 12,222.50
Invoiced to Date (%):	98%
Remaining Budget (\$):	\$ 277.50
Remaining Budget (%):	2%

Comments: November and December monthly reports and attendance at November Authority meeting.



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

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

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

Invoice # : 491509
Invoice Date : 12/27/2011
Project : EGMA1105
Project Name : LCSTP Final Design & Permitting

For Services Rendered through: 12/11/2011

Revise plans in response to Conservation District comments; prepare bid plan set.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor : 160.00
Expense : 0.00
Phase Total : 160.00

Phase : 2 -- Sewer Stakeout and Easements

Total Phase : 2 -- Sewer Stakeout and Easements

Labor : 1,327.50
Expense : 0.00
Phase Total : 1,327.50

Phase : 5 -- Water Quality Mgmt Part 2 Permit

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

Labor : 22.50
Expense : 0.00
Phase Total : 22.50

Amount Due This Invoice

\$1,510.00

Fee : 77,800.00
Prior Billings : 45,927.38
Current Billings : 1,510.00
Total Billings : 47,437.38

OK RS -1-6

7424 - 7475

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

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Phase : 1 -- Design

Labor Class	Hours/Units	Rate	Amount
Associate Engineer	2.00	80.00	160.00
Labor Total:	2.00		160.00

Total Phase : 1 -- Design	Labor :	\$160.00
	Expense :	\$0.00

Phase : 2 -- Sewer Stakeout and Easements

Labor Class	Hours/Units	Rate	Amount
Project Engineer	14.75	90.00	1,327.50
Labor Total:	14.75		1,327.50

Total Phase : 2 -- Sewer Stakeout and Easements	Labor :	\$1,327.50
	Expense :	\$0.00

Phase : 5 -- Water Quality Mgmt Part 2 Permit

Labor Class	Hours/Units	Rate	Amount
Project Engineer	0.25	90.00	22.50
Labor Total:	0.25		22.50

Total Phase : 5 -- Water Quality Mgmt Part 2 Permit	Labor :	\$22.50
	Expense :	\$0.00

Total Project : EGMA1105 -- LCSTP Final Design & Permitting	Labor :	\$1,510.00
	Expense :	\$0.00

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

East Goshen Municipal Authority
 EGMA1105 Invoice Summary.xlsx
 Invoice Date 12-27-2011

Project:	EGMA1105		
Pennoni Job No.:	LCSTP Final Design & Permitting		
Invoice No:	491509		
Invoice Period:	11/7/2011	to	12/11/2011
Initial Authorization:	\$ 77,800.00	Date:	5/5/2011
Contract Amount:	\$ 77,800.00		
Previously Invoiced:	\$ 45,927.38		
Current Invoice:	\$ 1,510.00		
Invoiced to Date (\$):	\$ 47,437.38		
Invoiced to Date (%):	61%		
Remaining Budget (\$):	\$ 30,362.62		
Remaining Budget (%):	39%		

Budget by Phase:

Phase No.	****
	LCSTP Final Design & Permitting
Phase Name:	
Phase Budget:	\$ 77,800.00
Previously Invoiced:	\$ 45,927.38
Current Invoice:	\$ 1,510.00
Invoiced to Date (\$):	\$ 47,437.38
Invoiced to Date (%):	61%
Remaining Budget (\$):	\$ 30,362.62
Remaining Budget (%):	39%

Comments: Revise plans in response to Conservation District comments; prepare bid plan set.



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

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

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

Invoice #: 491510
Invoice Date: 12/27/2011
Project: EGMA1107
Project Name: HersheyMill & Reserve PS Div Des
Per

For Services Rendered through: 12/11/2011

Submitted recommended sewer routing revisions to Township for review based upon survey stake-outs; prepared draft permit plans and bid specifications; prepared draft Reserve P.S. Closure Plan.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor : 437.50
Expense : 0.00
Phase Total : 437.50

Phase : 5 -- Water Quality Mgmt Part 2 Permit

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

Labor : 772.50
Expense : 0.00
Phase Total : 772.50

Amount Due This Invoice

\$1,210.00

Fee : 60,200.00
Prior Billings : 6,670.00
Current Billings : 1,210.00
Total Billings : 7,880.00

SPLIT

OK RS 1-6

7426 - 1000

\$ 605

7427 - 1000

\$ 605

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

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Phase : 1 -- Design

Labor Class	Hours/Units	Rate	Amount
Project Engineer	2.75	90.00	247.50
Associate Engineer	0.75	80.00	60.00
Engineering Technician I	2.00	65.00	130.00
Labor Total:	5.50		437.50

Total Phase : 1 -- Design	Labor :	\$437.50
	Expense :	\$0.00

Phase : 5 -- Water Quality Mgmt Part 2 Permit

Labor Class	Hours/Units	Rate	Amount
Project Engineer	1.00	90.00	90.00
Engineering Technician I	10.50	65.00	682.50
Labor Total:	11.50		772.50

Total Phase : 5 -- Water Quality Mgmt Part 2 Permit	Labor :	\$772.50
	Expense :	\$0.00

Total Project : EGMA1107 -- HersheyMill & Reserve PS Div Des Per	Labor :	\$1,210.00
	Expense :	\$0.00

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

East Goshen Municipal Authority
EGMA1107 Invoice Summary.xlsx
Invoice Date 12-27-2011

Project: EGMA1107
Pennoni Job No.: Hershey Mill & Reserve PS Div Des Per
Invoice No: 491510
Invoice Period: 11/7/2011 to 12/11/2011
Initial Authorization: \$ 60,200.00 **Date:** 7/7/2011
Contract Amount: \$ 60,200.00
Previously Invoiced: \$ 6,670.00
Current Invoice: \$ 1,210.00
Invoiced to Date (\$): \$ 7,880.00
Invoiced to Date (%): 13%
Remaining Budget (\$): \$ 52,320.00
Remaining Budget (%): 87%

Budget by Phase:

Phase No. ****
Phase Name: Hershey Mill & Reserve
Phase Budget: \$ 60,200.00
Previously Invoiced: \$ 6,670.00
Current Invoice: \$ 1,210.00
Invoiced to Date (\$): \$ 7,880.00
Invoiced to Date (%): 13%
Remaining Budget (\$): \$ 52,320.00
Remaining Budget (%): 87%

Comments: Submitted recommended sewer routing revisions to Township for review based upon survey stake-outs; prepared draft permit plans and bid specifications; prepared draft Reserve P.S. Closure Plan.



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

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

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

Invoice #: 491512
Invoice Date: 12/27/2011
Project: EGMA1109
Project Name: Marydell Pump Station Diversion

For Services Rendered through: 12/11/2011

Submitted recommended sewer routing revisions to Township for review based upon survey stake-out; prepared draft permit plans and bid specifications; prepared draft Pump Station Closure Plan.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	537.50
Expense :	0.00
Phase Total :	537.50

Phase : 3 -- PaDEP Closure Plan

Total Phase : 3 -- PaDEP Closure Plan

Labor :	272.50
Expense :	0.00
Phase Total :	272.50

Amount Due This Invoice

\$810.00

Fee :	45,100.00
Prior Billings :	1,532.50
Current Billings :	810.00
Total Billings :	2,342.50

OK RS 1-C

7425-1000

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

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Phase : 1 -- Design

Labor Class	Hours/Units	Rate	Amount
Project Engineer	4.00	90.00	360.00
Associate Engineer	1.00	80.00	80.00
Engineering Technician I	1.50	65.00	97.50
Labor Total:	6.50		537.50

Total Phase : 1 -- Design	Labor :	\$537.50
	Expense :	\$0.00

Phase : 3 -- PaDEP Closure Plan

Labor Class	Hours/Units	Rate	Amount
Project Engineer	0.50	90.00	45.00
Engineering Technician I	3.50	65.00	227.50
Labor Total:	4.00		272.50

Total Phase : 3 -- PaDEP Closure Plan	Labor :	\$272.50
	Expense :	\$0.00

Total Project : EGMA1109 -- Marydell Pump Station Diversion	Labor :	\$810.00
	Expense :	\$0.00

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

East Goshen Municipal Authority
EGMA1109 Invoice Summary.xlsx
Invoice Date 12-27-2011

Project: EGMA1109
Pennoni Job No.: Marydell Pump Station Diversion
Invoice No: 491512
Invoice Period: 11/7/2011 to 132/11/2011
Initial Authorization: \$ 45,100.00 **Date:** 10/10/2011
Contract Amount: \$ 45,100.00
Previously Invoiced: \$ 1,532.50
Current Invoice: \$ 810.00
Invoiced to Date (\$): \$ 2,342.50
Invoiced to Date (%): 5%
Remaining Budget (\$): \$ 42,757.50
Remaining Budget (%): 95%

Budget by Phase:
Phase No. ****
Phase Name: Hershey Mill & Reserve
Phase Budget: \$ 45,100.00
Previously Invoiced: \$ 1,532.50
Current Invoice: \$ 810.00
Invoiced to Date (\$): \$ 2,342.50
Invoiced to Date (%): 5%
Remaining Budget (\$): \$ 42,757.50
Remaining Budget (%): 95%

Comments: Submitted recommended sewer routing revisions to Township for review based upon survey stake-out; prepared draft permit plans and bid specifications; prepared draft Pump Station Closure plan.



Over a half-century of excellence

736 Baltimore Pike
P.O. Box 158
Concordville, PA 19331

Phone: (610) 459-1234
Fax: (610) 459-8823
Website: clingerelectric.com

OK RS
1-6-12

Invoice

EAST GOSHEN MUNICIPAL AUTHORITY
ATTN: ACCTS. PAYABLE
1580 PAOLI PIKE
WEST CHESTER, PA 19380-6199

Invoice #: M11143
Invoice Date: 12/23/11
Due Date: 01/22/12
PO #: VERBAL
Customer ID: 204
Contact: RICK SMITH
Contact: MARK MILLER

Job: CEG800

RCSTP
CONSTRUCTION

Work Performed: Electrical - Miscellaneous

NON WARRANTY
work

Description:	Labor Thru Week Ending 12-25-11	Price	Total
Work Order#:	Amount		
PLEASE SEE ATTACHED			
WO#: 08690,08725		\$ 1,484.04	
Subtotal		\$ 1,484.04	
Previously Paid		\$0.00	
NET PAYMENT CURRENT DUE			\$1,484.04

Please make checks payable to: Wm. H. Clinger Corp.

WILLIAM H. CLINGER, CORP.

P. O. Box 158
736 Baltimore Pike
Concordville, Pa. 19331
phone (610) 459-1234
fax (610) 459-8823

WORK ORDER #08725

SHEET 1 OF 1

FOR JOB CEG-800

TO: East Goshen Municipal Authority
East Goshen Township
1580 Paoli Pike
West Chester, Pa. 19380-6199

Attn: Mr. Rick Smith & Mr. Mark Miller

TERMS: Net 30 Days

DATE RECEIVED BY OFFICE	
INVOICE #	
INVOICE DATE	
FOREMAN	Ed Kikut
CUSTOMER'S ORDER #	
T & M	X
CHANGE ORDER	
JOB NAME / NUMBER	CEG-800
JOB LOCATION	Plant
PERCENT COMPLETE	100.00%
WEEK ENDING*	12/25/11

* Week begins on Monday and ends on Sunday

QTY.	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK					
			0.00	Troubleshoot ME-45 Floc Tank Mixer - Control Circuit Fault. Isolated cause					
			0.00	to 120V coming from FFCP. Reset the VFD and isolated the start circuit in the					
			0.00	VFD. VFD was running in the HAND mode at 100%.					
			0.00	Control company needs to fix this fault.					
OTHER CHARGES									
			0.00	Subtotal					
			0.00	10% Markup					
TOTAL OTHER								0.00	
				LABOR	DATE	ST OT DT	HRS.	RATE	AMOUNT
				Ed Kikut	12/21/11	ST	4.00	102.34	409.36
				Robert F. Dina, Sr.	12/21/11	ST	4.00	145.00	580.00
TOTAL HOURS AND LABOR									989.36
DATE COMPLETED:			TOTAL MATERIALS	0.00	TOTAL MATERIALS				0.00
								TOTAL OTHER	0.00
								TAX	
								TOTAL OTHER	989.36

Thank You

Work Ordered by: Scott Towler

Signature: _____

2012
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
JANUARY REPORT

ON-GOING

1. Submit an article for each newsletter.
 - a. Need by 2/8/12 - Kevin
 - b. Need by 5/9/12
 - c. Need by 8/8/12
 - d. Need by 11/14/12
 - e. February 2013
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (March)
 - b. 2nd Quarter (June)
 - c. 3rd Quarter (September)
 - d. 4th Quarter (December)
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

PROJECTS

1. Lockwood
 - a. Bid
 - b. Pipe Installation
 - c. Abandon Plant
2. Marydell Pump Station
 - a. Design/Permit
 - b. Bid
 - c. Pipe Installation
 - d. Abandon Pump Station
3. Hershey Mill Pump station
 - a. Design/Permit
 - b. Bid
 - c. Pipe Installation
4. Reserve Pump station
 - a. Design/Permit
 - b. Bid
 - c. Pipe Installation
 - d. Abandon Pump Station
5. Open House at the RCSTP 2012 after grass is fully established



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

January 5, 2012

EGMA 1200

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

Re: Fee Schedule for Year 2012 and Annual Services
East Goshen Township Municipal Authority
Chester County, Pennsylvania

Dear Rick:

Pennoni Associates Inc. is proud to serve East Goshen Municipal Authority as a client and we look forward to working with you in 2012. We enjoy the relationships we have formed with the Authority and are grateful to be part of the organization. We respectfully request reappointment as Authority Engineer for 2012.

The proposed rates shown below do not include increases with the exception of the Project Engineer and Associate Engineer rate. Our rate of \$90 per hour for Project engineer has been unchanged since 2008 and our rate for Associate Engineer has been unchanged for two years, with small increase from 2009 to 2010. We propose a modest increase of approximately 3 percent to the Project Engineer and Associate Engineer rate.

Our rate increase for 2011 involved only the Authority Engineer rate and prior to 2010 our rates were frozen for two years. While our company has many employee classifications, these are the classifications most frequently utilized in performing tasks for our municipal clients. We assign the most appropriate level staff competent to perform the work effort requested.

Authority Engineer	\$110/hr
Senior Engineer	\$105/hr
Project Engineer.....	\$93/hr
Staff Engineer	\$85/hr
Associate Engineer	\$83/hr
Graduate Engineer	\$70/hr
Engineering Technician II	\$72/hr
Engineering Technician I.....	\$65/hr

As part of our responsibilities to the Authority as the Appointed Engineer, we will provide the following professional services to the Authority:

- Participation in monthly meetings of the Authority Board
- Preparation of the final RCSTP Consent Order Agreement (COA) report for March 2012.
- Continuing support in I&I reduction with sewer meter data review and quarterly reports internal to the Authority.
- Preparation of the annual Chapter 94 Municipal Wasteload Management Report.
- Consultation on issues on behalf of the Authority

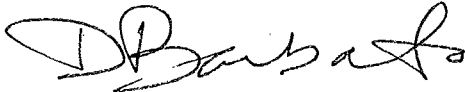
The estimated total fee for annual services is \$37,000, to be billed on an hourly basis at the above rates. We have allocated the budget as follows:

- | | |
|---|----------|
| • Monthly meetings and general consultation | \$10,000 |
| • COA and I&I reports | \$13,000 |
| • Chapter 94 reports | \$14,000 |

Similar to previous years, we will establish separate accounts for each project listed above and each project will be invoiced separately. We look forward to serving the Authority in 2012. If you have any questions, please feel free to contact me at (302) 655-4451.

Sincerely,

PENNONI ASSOCIATES INC.



Daniel P. Barbato, P.E.
Authority Engineer

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

January 6, 2012

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

Meters: Meters were read on a daily basis as well as the portable meters.

C.C. Collection: The main breaks that were located in Supple Valley have been repaired. We are in the process of televising some laterals that were active when they were televising. The public works department has to excavate Strasburg Toad on Thursday to replace a broken manhole cover.
The pumping stations were visited on a daily basis for routine maintenance. The number one pump at Ashbridge had to be pulled and sent out for repair when the main seal went bad causing the motor to trip out on overload. We were notified of a sewer lateral blockage on Barker Drive, the public works dept. was able to clear the blockage by using a plunge ring in the stack pipe. We placed a dozen vent caps for the month.

Lochwood Plant: Routine maintenance was performed during the month.

R.C. Collection: The pumping station was visited on a daily basis as part of our routine maintenance.

Ridley Plant:

The public works department performed routine maintenance during the month of December. The trough was vacuumed out in the screen room. The parts have arrived for the UV chamber; we will schedule the bulb replacement later this month. The burnt out uv rack was delivered to Siemens for repairs; I hope to have it back by the end of the month.

Alarms:

We received 34 alarms for the month of December.

PA One Calls:

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



MEMORANDUM

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

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: January 4, 2012

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Tim Daily and Dan Barbato met with Mark Miller and Rick Smith to discuss the current operation of the plant by Miller Environmental. We received plant operating data and trends from Scott Towler. Further review, if necessary, will be complete after Miller Environmental prepares their report to the Authority.

I/I Metering Project

- The Township continues to meter flows at selected locations. Temporary meters are in operation at locations as recommended. Upon receipt of tributary connection data from the Township, Pennoni will review permanent meter data (particularly in the Chester Creek Service Area), make recommendations for 2012 temporary metering, and identify potential I&I problem areas.

Ridley Creek Consent Order

- The final report is due in March of 2012. Reports after this date will continue but will be for internal Authority use only.

LCSTP Elimination

- The Chester County Conservation District issued an E&SPC adequacy letter on December 6, and the NPDES Permit was issued on December 29. DEP approved the Plant Closure Plan on December 8. All permits and approvals have therefore been obtained.
- We are finalizing the specifications, including revisions per comments from Rick Smith. We are also finalizing the bid plans to include the sewer construction work only (the

permit plans included both the sewer construction and the Plant closure, but the Township Public Works Dept. will be performing the Plant closure work).

- The sewer construction project will be solicited using PennBID's electronic solicitation website. The proposed solicitation and construction schedule follows:

Finalize plans and specifications for final Township review = 1/13/12

Advertise = 1/19/12 and 1/23/12

Optional Pre-Bid Meeting = approx 1/26/12

Bids Due = approx 2/7/12

Award = 2/13/12

Notice to Proceed = approx 3/1/12

Construction (120 days) = approx 3/1/12 – 6/28/12

Hershey Mill PS Diversion, Reserve PS Elimination Planning

- In early November, survey stakeout was performed for preliminary sewer alignments, followed by a field recon to evaluate the alignments. We forwarded recommended adjustments to the Township. Upon receipt of comments and responses from the Township, we will finalize plans and permitting applications

Marydell PS Elimination Planning

- DEP approved the Planning Module on December 7, 2011.
- In early November, preliminary field stakeout of the sewer was completed and our recommendations were sent to the Township for consideration. Upon receipt of comments and responses from the Township, we will prepare plans and permitting applications.

Applebrook Spray Irrigation NPDES Permit Renewal

- The NPDES discharge permit was submitted to DEP on June 15. DEP sent a letter confirming that the application is administratively complete and is undergoing technical review. We have called DEP several times over the past month for a status update but have not received a return call.



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

06 January 2012
Mr. Rick Smith
Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

01/06/2012

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

Dear Mr. Smith:

Operations and Maintenance activities for the month of December, 2011

Routine Operation and Maintenance Activities

- Daily sampling, testing, and inspections for permit compliance.
- Routine daily testing for process optimization.
- Microscopic exams indicate filaments are reappearing.
- The Biomass is being watched closely due to excessive grease being introduced to the treatment process
- Wells were sampled in December
- Cleaned grease from influent wet well daily
- Inspection of equipment in all phases of the treatment process
- Daily cleaning of muffin monster
- Clean out disc filters weekly
- Clean off DO probes and verify readings with hand held DO probe

Non-Routine Operations and Maintenance Activities

- UV Banks being modified.
- Cleaned around bug light by effluent channel
- Throttled back #2 disc filter to even out flows between filters

Items of concern

- Influent sampler is freezing up in cold weather
- Centrifuge parts have not been installed to date
- UV parts have not been installed to date
- SBR blowers are not hitting the peak of 3ppm in SBR 4 and sometimes SBR 2
- Dialer is not calling out when the generator exercises or is called to run
- Ammonia exceeded the permit limits during the month of November. As of today ammonia is in compliance in SBR 2, 3, 4, and effluent.
- SBR #1 needs to be cleaned, DO probe needs to be taken off-line and stored

Items on schedule for December

- Sludge dewatering
- Continued monitoring of filaments in reactors due to grease and possible solutions
- Extensive attention to bringing ammonia back into compliance

Summary of November Influent Flow- Ridley

- Average flow 0.403 MGD
- Maximum daily flow .0682 MGD

Summary of November Discharge- LOCHWOOD

– AVERAGE: .000117 MGD

Permit Compliance

– Ridley had an eDMR exceedence for ammonia related to transferring mass from reactor 1 to reactor 4. Also contributing to the exceedence was sludge pump #2 main disconnect being off and not removing waste.

– Lochwood Chase had no exceedences

Thank you,
MILLER ENVIRONMENTAL INC.
[SENT VIA EMAIL]
Richard S. Harp Sr.
Operations Manager
CC: Mark Miller, Director of Public Works
Dean Miller, MEI
File



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



E2 Receipt

Here is your report submission receipt. Click [here](#) to print.

Submission ID: **26324**

Submitted on 12/28/2011 9:05:08 AM, at 72.92.95.57

Submitted by: **William Ronyack**
LOCHWOOD CHASE STP & SPRAY SYS
701 North Delaware Drive
EASTON, PA 18042
610-730-6975
wronyack@hotmail.com

Report Detail

Monthly Discharge Monitoring Report
Facility Name LOCHWOOD CHASE STP & SPRAY SYS
Permit Number 1580430
Report Frequency Monthly
Report Period 11/01/2011 - 11/30/2011

Attachment Detail

Online Attachments

- Lochwood 201111 3800-FM-WSFR0435.xls

Mail Attachments

Mail to Address:

Mail in the following attachment(s):

Thank you for using E2 system!

Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: LOCHWOOD CHASE STP & SPRAY SYS **PERMIT NUMBER:** 1580430 **REGION:** EP SE Rgrl Off
PERMITTEE: EAST GOSHEN TWP MUNI AUTH CHESTER CNTY **OUTFALL:** 001 **COUNTY:** Chester
 1580 PAOLI PIKE **CITY:** WEST CHESTER
 WEST CHESTER, PA **NO DISCHARGE FROM**
ADDRESS: 19380-6107 **MONITORING PERIOD:** From: 2011-11-01 To: 2011-11-30 **SITE:** ()

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Value	Value		Value	Value	Value				
pH Parameter Code: 00400 Stage Code: 1	Sample Measurement	*****	*****		7.4	*****	7.4	S.U.	0	1/month	Grab
	Permit Requirement	*****	*****		6.0 Minimum	*****	9.0 Maximum			1/month	Grab
Total Suspended Solids Parameter Code: 00530 Stage Code: 1	Sample Measurement	*****	*****		*****	14	14	mg/L	0	1/month	Grab
	Permit Requirement	*****	*****		*****	30 Average Monthly	45 Weekly Average			1/month	Grab
Total Nitrogen Parameter Code: 00600 Stage Code: 1	Sample Measurement	*****	*****		*****	14.7	14.7	mg/L	0	1/month	Grab
	Permit Requirement	*****	*****		*****	Report Average Monthly	Report Instantaneous Maximum			1/month	Grab
Flow (mgd) Parameter Code: 50050 Stage Code: G	Sample Measurement	0.000117	*****	MGD	*****	*****	*****		0	Continuous	Recorded
	Permit Requirement	0.0252 Average Monthly	*****		*****	*****	*****			Continuous	Recorded
Fecal Coliform Parameter Code: 74055 Stage Code: 1	Sample Measurement	*****	*****		*****	<10	*****	CFU/100 mL	0	1/month	Grab
	Permit Requirement	*****	*****		*****	200 Geometric Mean	*****			1/month	Grab
CBOD5 Parameter Code: 80082 Stage Code: 1	Sample Measurement	*****	*****		*****	<5	<5	mg/L	0	1/month	Grab
	Permit Requirement	*****	*****		*****	25 Average Monthly	40 Weekly Average			1/month	Grab
Name/Title of Principal Executive Officer Or Authorized Agent	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).						Signature of Principal Executive Officer Or Authorized Agent	Telephone No	Date		

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

PARAMETER SPECIFIC COMMENTS:

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Lechwood Chase WWTP and Spray
 Municipality: East Goshen Township County: Chester
 Watershed: _____
 Laboratories: Atlantic Coast Labs

Month: 11 (select number) Year: 2011
 Permit No.: 1880430-A1 Outfall: _____
 Renewal application due 180 days prior to expiration.
 This permit will expire on: December 31, 2015

Week	Day	Parameter Stage Date	Flow		CBOD5		TSS		pH		Fecal Coliform		Total Nitrogen	
			MGD	mg/L	mg/L	mg/L	S.U.	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
1	Sun	10/30/11	0.0											
	Mon	10/31/11	0.0											
	Tue	11/1/11	0.00092											
	Wed	11/2/11	0.0	5.0	14.0	7.41	10.0	14.7						
	Thu	11/3/11	0.0											
	Fri	11/4/11	0.0											
	Sat	11/5/11	0.0											
2	Sun	11/6/11	0.00005											
	Mon	11/7/11	0.00023											
	Tue	11/8/11	0.00007											
	Wed	11/9/11	0.0											
	Thu	11/10/11	0.0											
	Fri	11/11/11	0.0											
	Sat	11/12/11	0.0											
3	Sun	11/13/11	0.00028											
	Mon	11/14/11	0.0											
	Tue	11/15/11	0.0											
	Wed	11/16/11	0.0											
	Thu	11/17/11	0.0											
	Fri	11/18/11	0.00036											
	Sat	11/19/11	0.00037											
4	Sun	11/20/11	0.00036											
	Mon	11/21/11	0.0											
	Tue	11/22/11	0.0											
	Wed	11/23/11	0.0											
	Thu	11/24/11	0.0											
	Fri	11/25/11	0.00002											
	Sat	11/26/11	0.00052											
5	Sun	11/27/11	0.00012											
	Mon	11/28/11	0.00032											
	Tue	11/29/11	0.0											
	Wed	11/30/11	0.0											
	Thu	12/1/11	0.0											
	Fri	12/2/11	0.0											
	Sat	12/3/11	0.0											
Statistics for DMR														
Daily Minimum (Conc.):			<	5	14	7.41	<	10	14.7					
Daily Maximum (Conc.):			<	5	14	7.41	<	10	14.7					
Max Avg Weekly (Conc.):			<	5	14	7.41	<	10	14.7					
Avg Monthly (Conc.):			<	5	14	7.41	<	10	14.7					
Geometric Mean (Conc.):			<	5	14	7.41	<	10	14.7					
Max Avg Weekly (Load):			0.000145											
Avg Monthly (Load):			0.000117											
Total Monthly (Load):			0.003519											
Daily Minimum (Load):			0											
Daily Maximum (Load):			0.00062											

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

Prepared By: Rick Harp License No.: T2955
 Title: Operations Manager Date: 12/28/2011



E2 Receipt

Here is your report submission receipt. [Click here to print.](#)

Submission ID: **26240**

Submitted on 12/27/2011 12:29:27 PM, at 72.92.95.57

Submitted by: **William Ronyack**
RIDLEY CREEK STP
701 North Delaware Drive
EASTON, PA 18042
610-730-6975
wronyack@hotmail.com

Report Detail

Monthly Discharge Monitoring Report
Facility Name RIDLEY CREEK STP
Permit Number PA0050504
Report Frequency Monthly
Report Period 11/01/2011 - 11/30/2011

Attachment Detail

Online Attachments

- Ridley1111_3800-FM-WSFR0435.xls
- Ridley002_1111_3800-FM-WSFR0435.xls
- 20111111 Non-compliance Form.doc

Mail Attachments

Mail to Address:

Mail in the following attachment(s):

Thank you for using E2 system!

Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: RIDLEY CREEK STP **PERMIT NUMBER:** PA0050504 **REGION:** EP SE Rgnl Off
 EAST GOSHEN TWP
PERMITTEE: MUNI AUTH CHESTER **OUTFALL:** 001 **COUNTY:** Chester
 CNTY **CITY:** WEST CHESTER
 1751 TOWNE DR **NO DISCHARGE FROM**
 WEST CHESTER, PA **MONITORING PERIOD:** From: 2011-11-01 **SITE:** (
 19380 **To:** 2011-11-30

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Value	Value		Value	Value	Value				
Dissolved Oxygen	Sample Measurement	****	****		6.4	8.0	****	mg/L	0	1/day	Grab
Parameter Code: 00300	Permit Requirement	****	****		5.0	Report Average	****			1/day	Grab
Stage Code: 1					Instantaneous Minimum	Monthly					
pH	Sample Measurement	****	****		6.9	****	7.9	S.U.	0	1/day	Grab
Parameter Code: 00400	Permit Requirement	****	****		6.0	Instantaneous Minimum	9.0			1/day	Grab
Stage Code: 1					Instantaneous Maximum	****	Instantaneous Maximum				
Total Suspended Solids	Sample Measurement	27	36		****	7	11	mg/L	0	1/week	24-Hr Composite
Parameter Code: 00530	Permit Requirement	100	150	lbs/day	****	30	45			1/week	24-Hr Composite
Stage Code: 1		Average Monthly	Weekly Average			Average Monthly	Weekly Average				
Ammonia-Nitrogen	Sample Measurement	47	****		****	12	****	mg/L	1	1/week	24-Hr Composite
Parameter Code: 00610	Permit Requirement	40	****	lbs/day	****	12	****			1/week	24-Hr Composite
Stage Code: 1		Average Monthly	****			Average Monthly	****				
Flow (mgd)	Sample Measurement	0.403	0.682		****	****	****		0	Continuous	Metered
Parameter Code: 50050	Permit Requirement	Report Average	Report Daily	MGD	****	****	****			Continuous	Metered
Stage Code: 1		Monthly	Maximum								
Fecal Coliform	Sample Measurement	****	****		****	<25	390	CFU/100 mL	0	1/week	Grab
Parameter Code: 74055	Permit Requirement	****	****		****	200	1000			1/week	Grab
Stage Code: 1						Geometric Mean	Instantaneous Maximum				
CBOD5	Sample Measurement	14	17		****	4	5	mg/L	0	1/week	24-Hr Composite
Parameter Code: 80082	Permit Requirement	67	100	lbs/day	****	20	30			1/week	24-Hr Composite
Stage Code: 1		Average Monthly	Weekly Average			Average Monthly	Weekly Average				
Name/Title of Principal Executive Officer Or Authorized Agent	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).						Signature of Principal Executive Officer Or Authorized Agent	Telephone No	Date		

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

Pennsylvania Department of Environment Protection Discharge Monitoring Report (DMR)

FACILITY: RIDLEY CREEK STP **PERMIT NUMBER:** PA0050504 **REGION:** EP SE Rgnl Off
 EAST GOSHEN TWP
PERMITTEE: MUNIAUTH CHESTER **OUTFALL:** 002 **COUNTY:** Chester
 CNTY **CITY:** WEST CHESTER
 1751 TOWNE DR **From:** 2011-11-01 **NO DISCHARGE FROM**
 WEST CHESTER, PA **To:** 2011-11-30 **SITE:** ()
ADDRESS: 19380 **MONITORING PERIOD:**

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Value	Value		Value	Value	Value				
Dissolved Oxygen	Sample Measurement	*****	*****		6.4	8.0	*****	mg/L	0	1/day	Grab
Parameter Code: 00300	Permit Requirement	*****	*****		5.0	Report Average Monthly	*****			1/day	Grab
Stage Code: 1					Instantaneous Minimum						
pH	Sample Measurement	*****	*****		6.9	*****	7.9	S.U.	0	1/day	Grab
Parameter Code: 00400	Permit Requirement	*****	*****		6.0	Instantaneous Minimum	9.0			1/day	Grab
Stage Code: 1					Instantaneous Minimum	*****	Instantaneous Maximum				
Total Suspended Solids	Sample Measurement	*****	*****		*****	7	11	mg/L	0	1/week	Composite
Parameter Code: 00530	Permit Requirement	*****	*****		*****	30	45			1/week	Composite
Stage Code: 1						Average Monthly	Weekly Average				
Ammonia-Nitrogen	Sample Measurement	*****	*****		*****	12.0	*****	mg/L	0	1/week	24-Hr Composite
Parameter Code: 00610	Permit Requirement	*****	*****		*****	12.0	*****			1/week	24-Hr Composite
Stage Code: 1						Average Monthly					
Flow (mgd)	Sample Measurement	0.240	0.422	MGD	*****	*****	*****		0	Continuous	Metered
Parameter Code: 50050	Permit Requirement	Report Average Monthly	Report Daily Maximum		*****	*****	*****			Continuous	Metered
Stage Code: 1											
Fecal Coliform	Sample Measurement	*****	*****		*****	<25	*****	CFU/100 mL	0	1/week	Grab
Parameter Code: 74055	Permit Requirement	*****	*****		*****	200	*****			1/week	Grab
Stage Code: 1						Geometric Mean					
CBOD5	Sample Measurement	*****	*****		*****	4	5	mg/L	0	1/week	24-Hr Composite
Parameter Code: 80082	Permit Requirement	*****	*****		*****	20	30			1/week	24-Hr Composite
Stage Code: 1						Average Monthly	Weekly Average				
Name/Title of Principal Executive Officer Or Authorized Agent	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).						Signature of Principal Executive Officer Or Authorized Agent	Telephone No	Date		

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

GENERAL REPORT COMMENT:

Permit limit for average monthly ammonia loading exceeded due to rotating SBR units as part of plant construction as required by manufacturer and contractor.

PARAMETER SPECIFIC COMMENTS:



3800-PA-RS-SPR6435 7/2009

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Ridley Creek STP
Municipality: East Green Township
Watershed: 3G
Laboratories: Atlantic Coast Labs, Inc. (68-335)

County: Chester
Month: 11 (check number) Year: 2011
Permit No.: PA 0060504 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on:

Week	Day	Parameter	Flow		Fecal Coliform	Disolved Oxygen	pH	TSS	NH ₃ -N	CBOD ₅	Total Phosphorus	Total Nitrogen
			1	2								
1	Sun	10/30/11	0.41			7.2						
	Mon	10/31/11	0.69			7.5						
	Tue	11/01/11	0.34			7.08						
	Wed	11/02/11	0.368			7.14	9.0	5.1	4.0	0.44		
	Thu	11/03/11	0.365		10.0	7.65						
	Fri	11/04/11	0.33			7.19						
	Sat	11/05/11	0.368			7.11						
2	Sun	11/06/11	0.37			7.01						
	Mon	11/07/11	0.355			7.18						
	Tue	11/08/11	0.347			7.18	4.0	12.6	3.0	0.42		
	Wed	11/09/11	0.352		10.0	7.85						
	Thu	11/10/11	0.41			7.85						
	Fri	11/11/11	0.37			7.72						
	Sat	11/12/11	0.367			7.26						
3	Sun	11/13/11	0.41			7.05						
	Mon	11/14/11	0.28			7.1						
	Tue	11/15/11	0.265			6.88						
	Wed	11/16/11	0.401		10.0	7.46	10.8	15.7	5.0	0.3		
	Thu	11/17/11	0.465			7.1						
	Fri	11/18/11	0.322			7.35						
	Sat	11/19/11	0.337			7.22						
4	Sun	11/20/11	0.35			8.63						
	Mon	11/21/11	0.423			8.94						
	Tue	11/22/11	0.371			7.7						
	Wed	11/23/11	0.357		390.0	8.56		14.2	3.0	0.16		
	Thu	11/24/11	0.357			7.48						
	Fri	11/25/11	0.38			7.69						
	Sat	11/26/11	0.472			8.84						
	Sun	11/27/11	0.436			7.32						
	Mon	11/28/11	0.351			8.75						
	Tue	11/29/11	0.522			8.18						
	Wed	11/30/11	0.444			8.24						
	Thu	12/01/11	0.297			8.12						
	Fri	12/02/11	0.28			7.76						
	Sat	12/03/11	0.403			8.23						

Statistics for Month:
 Daily Minimum (Conc.): 0.26
 Daily Maximum (Conc.): 10.8
 Daily Average (Conc.): 7.51
 Max Avg Weekly Conc.: 10.8
 Avg Monthly Conc.: 7
 Geometric Mean (Conc.): 8.02
 Max Avg Weekly Load: 35.7
 Avg Monthly Load: 34.7
 Total Monthly Load: 26.5
 Daily Minimum Load: 1411.9
 Daily Maximum Load: 421
 Avg Monthly Load: 38.1
 Total Monthly Load: 38.1

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are no significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Rick Hays License No.: T2955
 Title: Operations Manager Date: 27-Dec-11

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Ridley Creek STP Month: 11 (select number) Year: 2011
 Municipality: East Goshen Township Permit No.: PA 0050904 Outfall: 002
 Watershed: 36 County: Chester
 Laboratories: Atlantic Coast Labs, Inc. (68-335)
 Renewal application due 180 days prior to expiration.
 This permit will expire on: _____

Week Day	Parameter Sample Date	Flow		Fecal Coliform		Dissolved Oxygen		pH		TSS		NH4-N		CBOD5	
		MGD	1	g	CFU/100 ml	mg/L	1	g	S.U.	mg/L	1	mg/L	1	mg/L	1
1	Sun 10/30/11		0.0			7.2		7.25							
	Mon 10/31/11		0.0			7.39		7.38							
	Tue 11/01/11		0.22059			7.47		7.08							
	Wed 11/02/11		<	10.0		8.01		7.14		9.0		5.1		4.0	
	Thu 11/03/11		0.17174			8.12		7.66							
	Fri 11/04/11		0.17416			6.73		7.19							
	Sat 11/05/11		0.20333			7.84		7.01							
2	Sun 11/06/11		0.16551			8.1		6.95							
	Mon 11/07/11		0.19225			8.1		7.18							
	Tue 11/08/11		0.25303			7.86		6.85							
	Wed 11/09/11		0.17113			8.05		7.13							
	Thu 11/10/11		0.21458			8.7		7.28							
	Fri 11/11/11		0.26513			7.65		7.17							
3	Sun 11/13/11		0.12034			8.41		7.1							
	Mon 11/14/11		0.24816			7.66		6.88							
	Tue 11/15/11		0.20535			7.46		6.96		10.8		15.7		5.0	
	Wed 11/16/11		0.26348			7.66		7.1							
	Thu 11/17/11		0.19803			8.7		7.35							
	Fri 11/18/11		0.21165			6.36		7.35							
	Sat 11/19/11		0.28953			8.83		7.22							
	Mon 11/20/11		0.19713			8.94		7.4							
	Tue 11/21/11		0.21458			8.25		7.18							
	Wed 11/22/11		0.3282		300.0	8.25		7.18		6.0		14.2		3.0	
	Thu 11/23/11		0.36431			8.62		7.69							
	Fri 11/24/11		0.18467			8.84		7.71							
	Sat 11/25/11		0.30103			7.32		7.91							
	Sun 11/26/11		0.2382			8.75		7.73							
5	Mon 11/27/11		0.21813			8.18		7.58							
	Tue 11/28/11		0.422			8.24		7.54							
	Wed 11/29/11		0.29825			8.12		7.58							
	Thu 11/30/11		0.22951			7.76		7.51							
	Fri 12/01/11		0.22202			8.23		7.4							
	Sat 12/02/11		0.22532			8.53		7.3							
Statistical Summary															
	Daily Maximum (Conc.):	###	10	###	6.36	###	4	###	6.85	###	4	###	6.1	###	3
	Daily Minimum (Conc.):	###	320	###	3.25	###	###	###	7.31	###	###	###	16.7	###	6
	Max Avg Weekly (Conc.):	###	###	###	8.48	###	###	###	10.8	###	###	###	16.7	###	6
	Avg Monthly (Conc.):	###	###	###	8.02	###	###	###	10.8	###	###	###	12	###	4
	Geometric Mean (Conc.):	###	###	###	###	###	###	###	###	###	###	###	###	###	###
	Max Avg Weekly (Load):	<	25	###	0.288276	###	###	###	###	###	###	###	###	###	###
	Avg Monthly (Load):	###	###	###	16.07	###	###	###	###	###	###	###	###	###	###
	Total Monthly (Load):	###	###	###	481.95	###	###	###	###	###	###	###	###	###	###
	Daily Maximum (Load):	###	###	###	10.44	###	###	###	###	###	###	###	###	###	###
	Daily Minimum (Load):	###	###	###	26	###	###	###	###	###	###	###	###	###	###
	Avg Monthly (Load):	###	###	###	18.5	###	###	###	###	###	###	###	###	###	###

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my knowledge and belief, 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 this information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4804 (relating to untruthful information).

Prepared By: Rick Harp License No.: T2955
 Title: Operations Manager Date: 27-Dec-11



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

NON-COMPLIANCE REPORTING FORM

Use this supplemental form to report all permit violations and any other non-compliance that may endanger health or the environment, in accordance with your permit. Complete all sections that apply. If you are reporting violations of permit limits, monitoring requirements or schedules that do not pose an immediate threat to health or the environment, you may attach this form to the Discharge Monitoring Report (DMR). **Title 25, Pa. Code §§ 91.33 and 91.34 (regarding incidents causing or threatening pollution and activities utilizing pollutants, respectively), in part requires immediate notification by telephone to the Department of pollution incidents, remediation, and may require an additional report on the incident or plan of pollution prevention measures.** If you are reporting other non-compliance events, and the reporting deadline does not coincide with your submission of the DMR, it should be submitted separately to the Department by the reporting deadline set forth in the permit. See instructions for more information.

Facility Name: Ridley Creek Month: October Year: 2011
Municipality: East Goshen Twp. County: Chester Permit No.: PA 0050504

Violations of Permit Effluent Limitations*

Date	Parameter	Permit Limit	Units	Statistical Code	Result	Units	Cause of Violation	Corrective Action Taken
11/30/11	NH3-N	40	Lb/day		47	Lb/day	Rotating SBRs as part of construction per mfg/contractor	Rotation of units completed

Sanitary Sewer Overflows and Other Unauthorized Discharges*

Event Date	Substance Discharged	Location	Volume (gals)	Duration (hrs)	Receiving Waters	Impact on Waters	Cause of Discharge	Date DEP Notified

Other Permit Violations*

- Sample collection less frequent than required Explain
- Sample type not in compliance with permit Explain
- Violation of permit schedule Explain
- Other Explain
- Other Explain

***If the space provided is not sufficient to record all information, please attach additional sheets.**

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

Prepared By: Richard Harp Signature: _____
Title: Operations Manager Date: December 27, 2011

2008 FLOWMETERS

2011 DECEMBER 4TH QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION

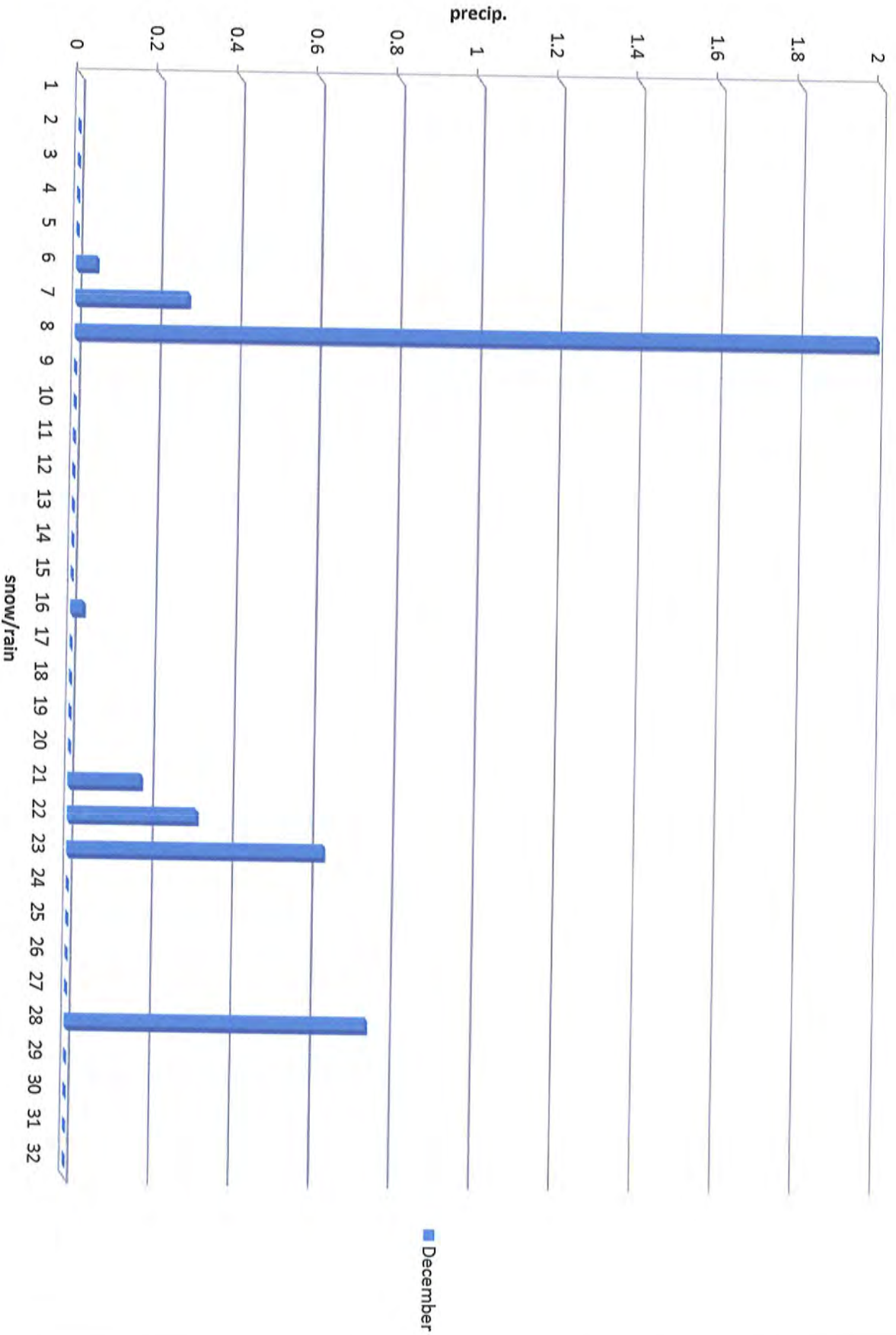
DATE	HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		SHERMAN		BARKWAY	
	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
12/01/11	22,380,087	136,240	1,296,369	225,600			139,898,811	1,938,900	697,031	14,010	2,221,190	21,580
12/02/11							139,983,933	851,220				
12/03/11												
12/04/11												
12/05/11							140,215,454	771,737				
12/06/11							140,297,339	818,850				
12/07/11							140,379,826	824,870				
12/08/11	22,429,545	70,654	1,304,058	109,843			140,512,354	1,325,280	702,135	7,291	2,229,376	11,694
12/09/11							140,618,220	1,058,660				
12/10/11												
12/11/11												
12/12/11							140,875,246	856,753				
12/13/11												
12/14/11							141,048,027	863,905				
12/15/11	22,492,232	89,553	1,311,934	112,514			141,133,380	853,530	706,791	6,651	2,239,349	14,247
12/16/11							141,219,575	861,950				
12/17/11												
12/18/11												
12/19/11												
12/20/11							141,460,440	802,883				
12/21/11							141,546,027	855,870				
12/22/11							141,628,654	826,270				
12/23/11							141,713,881	852,270				
12/24/11							141,809,843	959,620				
12/25/11												
12/26/11												
12/27/11							142,146,341	841,245				
12/28/11							142,254,006	1,076,650				
12/29/11	22,594,972	73,386	1,325,376	96,014			142,347,851	938,450	717,090	7,356	2,259,138	14,135
12/30/11							142,434,144	862,930				
12/31/11												
		92,458		135,993				952,092		8,827		15,414

2011 SUMMARY OF METER READINGS

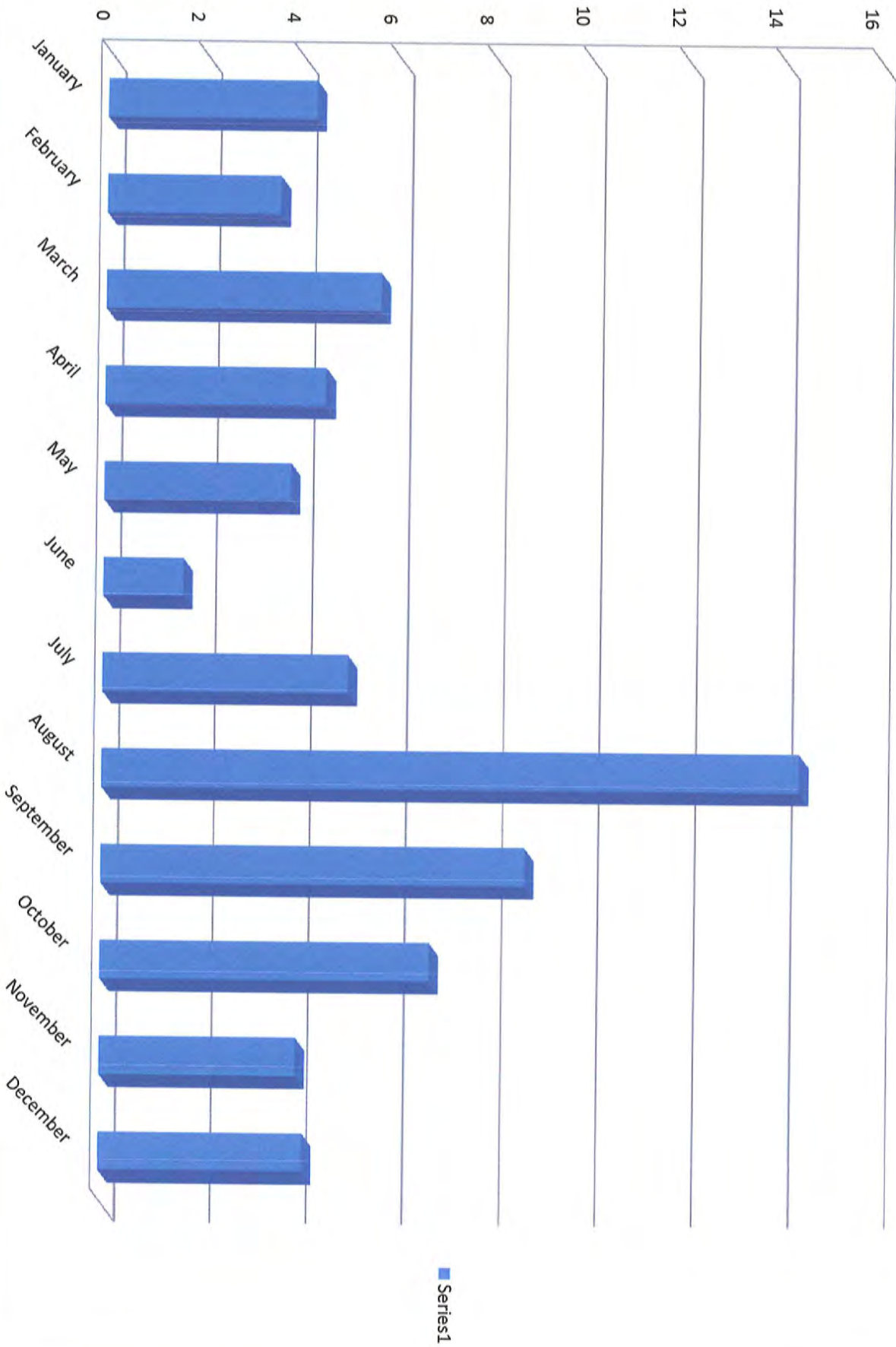
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,081,404	97,651	47,105	57,700	20,400	53,493	62,585	278,133	701,586	5,463	11,131
FEBRUARY	1,292,596	149,342	63,312	71,587	20,400	58,624	77,370	309,956	793,370	5,474	11,651
MARCH	1,481,027	147,579	69,796	65,367	20,400	88,101	116,511	298,938	943,470	5,812	13,905
APRIL	1,413,164	162,664	70,023	64,082	20,400	72,199	105,867	359,818	911,601	5,832	12,076
MAY	1,333,439	153,742	74,669	62,324	20,400	66,543	93,515	339,305	880,112	6,280	11,889
JUNE	1,149,889	129,569	65,905	74,655	20,400	60,461	53,338	320,685	785,600	5,202	8,636
JULY	1,072,136	117,084	57,536	87,961	20,400	51,696	56,535	275,843	671,609	5,272	9,183
AUGUST	1,130,103	160,179	72,482	75,676	20,400	49,675	68,731	0	740,532	5,583	9,767
SEPTEMBER	1,502,405	193,241	79,660	66,263	20,400	86,511	173,923	0	980,150	7,461	23,349
OCTOBER	1,235,371	156,315	61,283	65,448	20,400	64,002	91,913	0	831,827	7,118	15,107
NOVEMBER	1,253,375	158,266	68,938	67,779	20,400	54,282	74,828	0	897,752	6,039	9,707
DECEMBER	1,368,721	176,008	63,004	63,317	20,400	92,458	135,993	0	952,092	8,827	15,414
Total Flows											
Monthly Ave	1,276,136	150,137	66,143	68,513	20,400	66,504	92,592	181,890	840,808	6,197	12,651

To
West Goshen 991,343

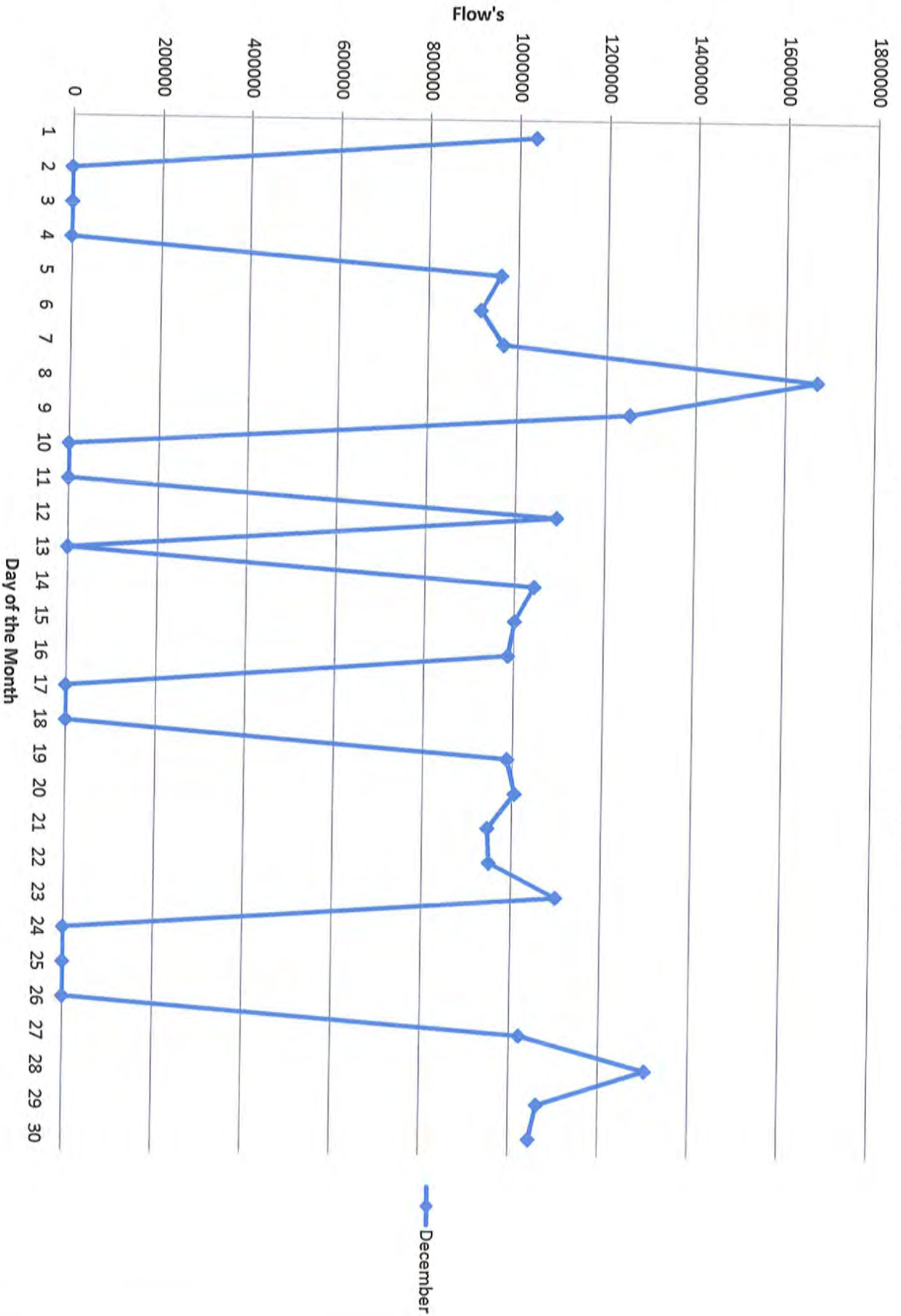
December Precip. 4.25 - 2011



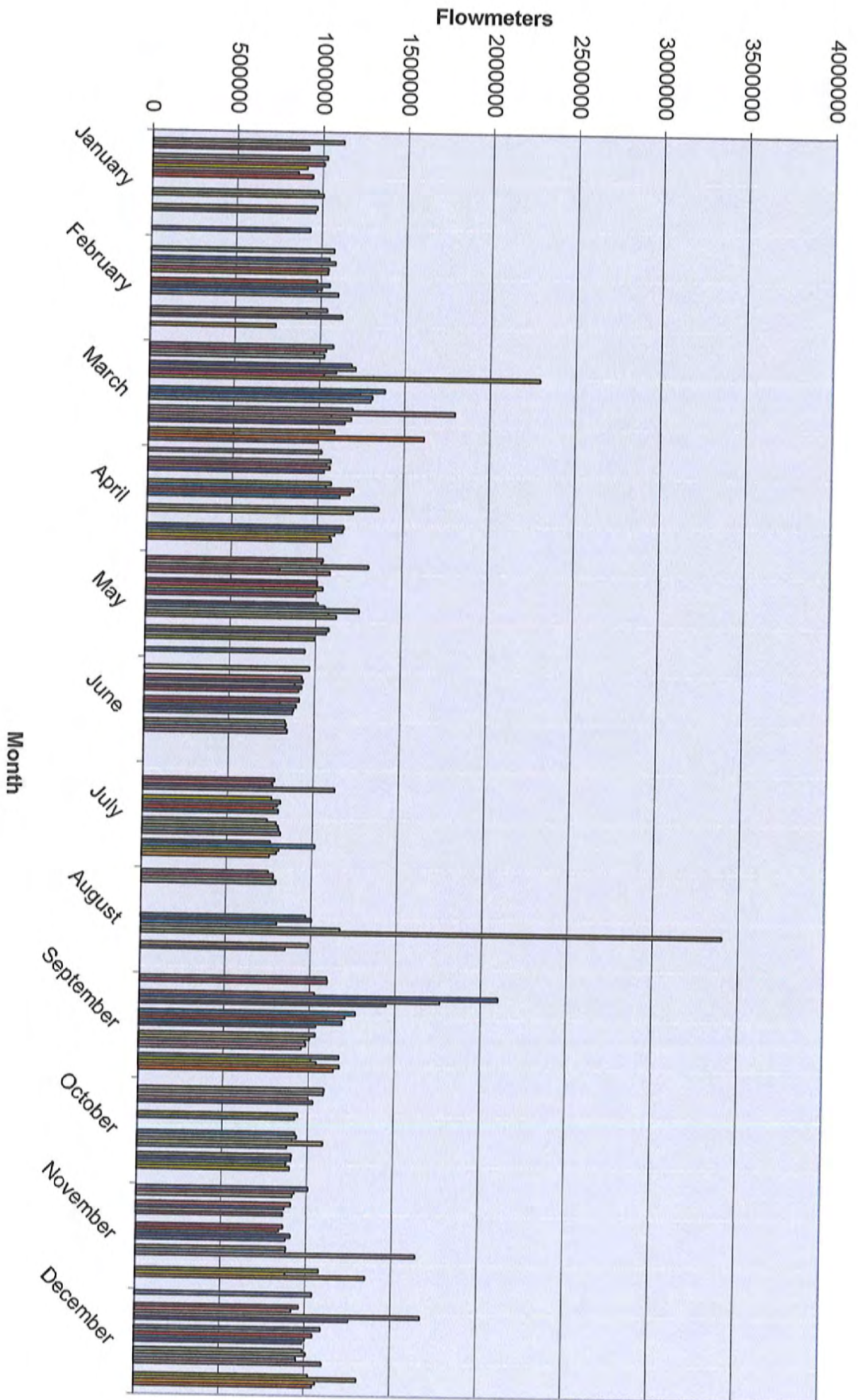
2011 Monthly Precipitation



Flowmeters December 2011



Monthly Totals 2011 Jan-Dec





pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Water Standards and Facility Regulation

December 23, 2011

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

Re: Ridley Creek STP
SEW PA0050504
File Type: NPDES
East Goshen Township, Chester County

RECEIVED
BY: _____
DEC 28 2011

Dear Mr. Smith:

We have prepared the enclosed draft National Pollutant Discharge Elimination System (NPDES) Permit for review and comment.

Also enclosed are copies of a public notice that we will publish in the Pennsylvania Bulletin. You are required, by Department regulations, to post copies of this notice near the entrance to your property and near the discharge site. These postings shall remain for 30 days.

Please review the draft permit carefully. Your written comments on the draft permit, if received within 30 days of publication in the Pennsylvania Bulletin, will be considered during preparation of the final permit.

If you have any questions, please call Dharmendra Kumar at 717-783-2288.

Sincerely,

Sean M. Furjanic, P.E.
Environmental Engineer Manager
NPDES Permits Section

Enclosures

cc: Daniel Barbato, Pennoni Associates Inc.
Operations Section
NPDES File

NPDES PUBLIC NOTICE

Application for National Pollutant Discharge Elimination
System (NPDES) Permit to Discharge to State Waters

Southeast Regional Office: Regional Water Management Program Manager, 2 E Main Street, Norristown, PA 19401,
Telephone: 484.250.5970.

PA0050504, Sewage, SIC Code 4952, East Goshen Municipal Authority Chester County, 1580 Paoli Pike, West Chester, PA 19380-6107. Facility Name: East Goshen Municipal Authority STP & Sewer System. This existing facility is located in East Goshen Township, Chester County.

Description of Existing Activity: The application is for a renewal of an NPDES permit for an existing discharge of treated Sewage.

The receiving stream(s), Ridley Creek, is located in State Water Plan watershed 3-G and is classified for High Quality Waters - Trout Stocking, aquatic life, water supply and recreation. The discharge is not expected to affect public water supplies.

The proposed effluent limits for Outfall 001 are based on a design flow of 0.75 MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX
CBOD5 May 1 - Oct 31	62	94	XXX	10	15	20
CBOD5 Nov 1 - Apr 30	125	188	XXX	20	30	40
BOD5 Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX
Total Suspended Solids Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX
Total Suspended Solids (Interim)	131	200	XXX	21	32	42
Total Suspended Solids (Final)	62	94	XXX	10	15	20
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000
Ammonia-Nitrogen May 1 - Oct 31	16	XXX	XXX	2.5	XXX	5.0
Ammonia-Nitrogen Nov 1 - Apr 30	44	XXX	XXX	7.0	XXX	14.0
Total Phosphorus	3.0	XXX	XXX	0.5	XXX	1.0

The proposed effluent limits for Outfall 002 are based on a design flow of 0.135 MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX
CBOD5 May 1 - Oct 31	62	94	XXX	10	15	20
CBOD5 Nov 1 - Apr 30	125	188	XXX	20	30	40
Total Suspended Solids (Interim)	131	200	XXX	21	32	42

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum
Total Suspended Solids (Final)	62	94	XXX	10	15	20
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000
Ammonia-Nitrogen May 1 - Oct 31	16	XXX	XXX	2.5	XXX	5.0
Ammonia-Nitrogen Nov 1 - Apr 30	44	XXX	XXX	7.0	XXX	14.0
Total Phosphorus	3.0	XXX	XXX	0.5	XXX	1.0

In addition, the permit contains the following major special conditions:

-

You may make an appointment to review the DEP files on this case by calling the File Review Coordinator at 484-250-5910.

The EPA Waiver is in effect.



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED
TREATMENT WORKS (POTWs)**

DRAFT

NPDES PERMIT NO: PA0050504

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

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

is authorized to discharge from a facility known as **Ridley Creek STP**, located in **East Goshen Township, Chester County**, to **Ridley Creek** in Watershed(s) **3-G** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON _____

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON _____

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED _____

ISSUED BY _____

**Jenifer L. Fields, P.E.
Water Management Program Manager
Southeast Regional Office**

PART A EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 39° 59' 9.19", Longitude 75° 31' 26.32", River Mile Index 18.72, Stream Code 00621

Discharging to Ridley Creek

which receives sewage effluent from Ridley Creek STP

For Outfall 002, Latitude 40° 0' 19.00", Longitude 75° 32' 5.00", River Mile Index 20.72, Stream Code 00621

Discharging to Ridley Creek via a golf course irrigation pond overflow

which receives sewage effluent from Ridley Creek STP

1. The permittee is authorized to discharge during the period from Permit Effective Date through One Year Following Permit Effective Date.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes and Supplemental Information).

Parameter	Effluent Limitations				Monitoring Requirements		
	Mass Units (lbs/day) (1)	Concentrations (mg/L)		Minimum (2) Measurement Frequency	Required Sample Type		
	Average Monthly	Weekly Average Report Daily Max	Minimum	Average Monthly	Weekly Average	Instant. Maximum	
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	Grab
CBOD5 May 1 - Oct 31	62	94	XXX	10	15	20	24-Hr Composite
CBOD5 Nov 1 - Apr 30	125	188	XXX	20	30	40	24-Hr Composite
BOD5	Report	XXX	XXX	Report	XXX	XXX	24-Hr Composite
Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	24-Hr Composite
Total Suspended Solids	131	200	XXX	21	32	42	24-Hr Composite
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	Geo Mean 200	XXX	1,000	Grab

Outfalls 001 and 002, Continued (from Permit Effective Date through One Year Following Permit Effective Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)			Minimum Measurement Frequency	Required Sample Type	
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average			Instant. Maximum
Ammonia-Nitrogen May 1 - Oct 31	16	XXX	XXX	2.5	XXX	5.0	1/week	24-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	44	XXX	XXX	7.0	XXX	14.0	1/week	24-Hr Composite
Total Phosphorus	3.0	XXX	XXX	0.5	XXX	1.0	1/week	24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
At discharge prior to wetland for Outfall 001, and at effluent pump chamber for Outfall 002 ⁽²⁾.

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORD KEEPING AND REPORTING REQUIREMENTS

I. B. For Outfall 001, Latitude 39° 59' 9.19", Longitude 75° 31' 26.32", River Mile Index 18.72, Stream Code 00621

Discharging to Ridley Creek

which receives sewage effluent from Ridley Creek STP

For Outfall 002, Latitude 40° 0' 19.00", Longitude 75° 32' 5.00", River Mile Index 20.72, Stream Code 00621

Discharging to Ridley Creek via a golf course irrigation pond overflow

which receives sewage effluent from Ridley Creek STP

1. The permittee is authorized to discharge during the period from One Year Following Permit Effective Date through Following Permit Expiration Date.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes and Supplemental Information).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)			Instant. Maximum	Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average Report Daily Max	Minimum	Average Monthly	Weekly Average			
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	1/day	Grab
CBOD5 May 1 - Oct 31	62	94	XXX	10	15	20	1/week	24-Hr Composite
CBOD5 Nov 1 - Apr 30	125	188	XXX	20	30	40	1/week	24-Hr Composite
Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids	62	94	XXX	10	15	20	1/week	24-Hr Composite
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	Geo Mean 200	XXX	1,000	1/week	Grab

Outfalls 001 and 002, Continued (from One Year Following Permit Effective Date through Permit Expiration Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)			Instant. Maximum	Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average			
Ammonia-Nitrogen May 1 - Oct 31	16	XXX	XXX	2.5	XXX	5.0	1/week	24-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	44	XXX	XXX	7.0	XXX	14.0	1/week	24-Hr Composite
Total Phosphorus	3.0	XXX	XXX	0.5	XXX	1.0	1/week	24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

At discharge prior to wetland for Outfall 001, and at effluent pump chamber for Outfall 002 ⁽²⁾.

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS
(Continued)**Additional Requirements

1. The permittee may not discharge:
 - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code 92a.41(c))
 - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code 92a.47(a)(7) and 95.2(2))
 - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code 93.6(a))
 - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. (25 Pa Code 92a.41(c))
2. The monthly average percent removal of BOD₅ or CBOD₅ and TSS must be at least 85% for POTW facilities on a concentration basis except where 25 Pa. Code 92a.47(g) and (h) are applicable to facilities with combined sewer overflows (CSOs) or as otherwise specified in this permit. (25 Pa. Code 92a.47(a)(3))
3. The total annual average flow for Outfalls 001 and 002 may not exceed 0.75 MGD. Outfall 002 flows reported to DEP must be measured based on pumping rate and time or other methods.

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.
- (3) Samples collected at Outfall 001 may be used to represent effluent quality at Outfall 002.

Supplemental Information

1. If the permit requires reporting of average weekly limitations use the following guideline. If the "maximum average concentration" and the "maximum average mass loading" does not occur within the same week, both the highest weekly average concentration and the highest weekly average mass load should be reported, regardless of whether they both occur during the same calendar week.
2. The effluent limitations for Outfalls 001 and 002 were determined using effluent discharge rates of 0.75 MGD and 0.135 MGD, respectively.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollution to surface waters of the Commonwealth. BMPs also include treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. (25 Pa. Code 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended (33 U.S.C.A. §§1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code 92a.2 and 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Indirect Discharger means a non-domestic discharger introducing pollutants to a Publicly Owned Treatment Works (POTW) or other treatment works. (25 Pa. Code 92a.2 and 40 CFR 122.2)

Industrial User means a source of Indirect Discharge. (40 CFR 403.3)

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code 92a.2)

Municipality means a city, town, borough, county, township, school district, institution, authority or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. (25 Pa. Code 92a.2)

Publicly Owned Treatment Works (POTW) means a treatment works as defined by §212 of the Clean Water Act, owned by a state or municipality. The term includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. The term also includes sewers, pipes or other conveyances if they convey wastewater to a POTW providing treatment. The term also means the municipality as defined in section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. (25 Pa Code 92a.2 and 40 CFR 122.2)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) – (ix) and (xi) and 25 Pa. Code 92a.2.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code 92a.2)

Weekly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

III. SELF-MONITORING, REPORTING AND RECORDKEEPING

A. Representative Sampling (40 CFR 122.41(j)(1))

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application, unless a longer retention period is required by the permit. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures (40 CFR 122.41(j)(4))

Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation. Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those approved under 40 CFR Part 136 (or in the case of sludge use or disposal, approved under 40 CFR Part 136, unless otherwise specified in 40 CFR Part 503 or Subpart J of 25 Pa. Code Chapter 271), or alternate test procedures approved pursuant to those parts, unless other test procedures have been specified in this permit.

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (40 CFR 122.41(e), 122.44(i)(1))
2. Unless instructed otherwise in Part C of this permit, properly completed DMR(s) must be received by the agency(ies) below within 28 days after the end of each reporting period. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) provided by DEP in this permit (or an approved equivalent), and submit the signed, completed forms as an attachment to the DMR(s). If the permittee elects to use DEP's electronic DMR (eDMR) system, one electronic submission may be made for DMRs and Supplemental DMRs. If paper forms are used, the completed forms shall be mailed to:

Department of Environmental Protection
Water Management Program
2 East Main Street
Norristown, PA 19401

3. If the permittee elects to begin using DEP's eDMR system to submit DMRs required by the permit, the permittee shall, to assure continuity of business operations, continue using the eDMR system to submit all DMRs and Supplemental Reports required by the permit, unless the following steps are completed to discontinue use of eDMR:
 - a. The permittee shall submit written notification to the regional office that issued the permit that it intends to discontinue use of eDMR. The notification shall be signed by a principal executive officer or authorized agent of the permittee.
 - b. The permittee shall continue using eDMR until the permittee receives written notification from DEP's Central Office that the facility has been removed from the eDMR system, and electronic report submissions are no longer expected.
4. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code 92a.22:
 - For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
 - For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR 122.22(b))

5. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

C. Reporting and Notification Requirements

1. **Planned Changes to Physical Facilities** – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to any planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR §122.29(b). (40 CFR 122.41(l)(1)(i))
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
 - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
 - e. The facility is proposing an expansion or modifications to its treatment processes. (25 Pa. Code 92a.24(a))
2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code 92a.24(a) and 40 CFR 122.42(b), the permittee shall provide notice to DEP and EPA as soon as possible but no later than 45 days prior to any changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-WSFR0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the POTW, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW (40 CFR 122.42(b)(3)). The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of an application and receipt of an amended permit is required.

- a. Introduction of New Pollutants (25 Pa. Code 92a.24(a), 40 CFR 122.42(b)(1))

New pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were not detected in the facilities' influent waste stream as reported in the permit application, or were otherwise not analyzed in the influent and reported to DEP prior to permit issuance;
- (ii) Have not been previously approved to be included in the permittee's influent waste stream by DEP and/or EPA in writing;
- (iii) Are previously unapproved pollutants introduced into the POTW from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging those pollutants (40 CFR 122.42(b)(1)).

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's and/or EPA's written approval.

- b. Increased Loading of Approved Pollutants (25 Pa. Code 92a.24(a), 40 CFR 122.42(b)(2))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application or were otherwise analyzed and reported to DEP prior to permit issuance;
- (ii) Have an effluent limitation or monitoring requirement in this permit;

(iii) Have been previously approved for the permittee's influent waste stream by DEP in writing.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 10% of the maximum loading reported in the permit application, or a loading previously approved by DEP, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the POTW, or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP and/or EPA does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations, may not result in a hydraulic or organic overload condition as defined in 25 Pa. Code 94.1, and may not cause exceedances of the applicable water quality standards in the receiving stream.

c. New Information on Existing Discharges

The permittee shall notify DEP and EPA where it discovers new information, not reported previously, on the quality and quantity of the effluent introduced into the POTW by an industrial user or an indirect discharger and the anticipated impact of the change in the quality and quantity of effluent to be discharged from the POTW. (40 CFR 122.42(b)(3))

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

(i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate) received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-WSFR0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.
- (5) The name and address of the generator of the residual wastes.
- (6) The type of wastewater.
- (7) Documentation of whether or not a chemical analysis of the residual wastes were reported on a Residual Waste Form 26R, or a separate waste characterization using the parameters from Form 26R.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code 299.219). If the transporter is unable to provide this information, the residual wastes shall not be accepted by the permittee until such time as the transporter is able to provide the required information.

- (ii) The following conditions apply to the characterization of residual wastes received by the permitted treatment facility:
 - (1) The permitted facility must receive and maintain on file a characterization of the residual wastes it receives from the generator, as required by 25 Pa. Code 287.54. The characterization shall conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be characterized accordingly.
 - (2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the characterization may be a general frac wastewater characterization approved by DEP. Thereafter, the characterization must be waste-specific and reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge) received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-WSFR0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
 - (2) The volume (gallons) of wastes received.
 - (3) The BOD₅ concentration (mg/l) and load (lbs) for the wastes received.
 - (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes. The influent BOD₅ characterization for the treatment facility, as reported in the annual Municipal Wasteload Management Report per 25 Pa. Code Chapter 94, must be representative of the hauled-in municipal wastes received.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code Sections 91.33 and 92a.41(b).
 - (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.
 - (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
 - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in

addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.

- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph (40 CFR 122.41(l)(6)(ii)):
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement.
 - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-WSFR0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance Schedules (25 Pa. Code 92a.51, 40 CFR 122.47(a))

1. The permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit.
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with 25 Pa. Code 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. The permittee shall provide the following information in the annual Municipal Wasteload Management Report, required under the provisions of Title 25 Pa. Code Chapter 94:
 - a. The requirements identified in 25 Pa. Code 94.12.
 - b. The identity of any indirect discharger(s) served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimate concentration of each pollutant discharged into the POTW by the indirect discharger.
 - c. A "Solids Management Inventory" including the following information for the preceding year, at a minimum: average annual flow (MGD), average influent BOD₅ (mg/l), average effluent CBOD₅ (mg/l), total volume of sludge wasted (gallons), average solids concentration of return or waste sludge flow (mg/l), and total sludge or biosolids generated (wet or dry tons).
 - d. The total volume of hauled-in residual and municipal wastes received during the year, by source.

- e. The Annual Report requirements for permittees required to implement an industrial pretreatment program listed in Part C, as applicable.

D. General Pretreatment Requirements

1. POTWs shall require indirect dischargers to the treatment works subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act and regulations thereunder.
2. Any POTW (or combination of POTWs operated by the same authority) with a total design flow greater than 5 million gallons per day (MGD) and receiving from industrial users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards will be required to establish a POTW Pretreatment Program unless specifically exempted by the Approval Authority. A POTW with a design flow of 5 MGD or less may be required to develop a POTW Pretreatment Program if the Approval Authority finds that the nature or volume of the industrial influent, treatment process upsets, violations of effluent limitations, contamination of sludge, or other circumstances warrant in order to prevent interference or pass through. (40 CFR 403.8)
3. Each POTW with an approved Pretreatment Program pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b), and shall continue to develop these limits as necessary and effectively enforce such limits. This condition applies, for example, when there are planned changes to the waste stream as identified in Part A III.C.2. If the permittee is required to develop or continue implementation of a Pretreatment Program, detailed requirements will be contained in Part C of this permit.
4. For all POTWs, where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure renewed or continued compliance with this permit or sludge use or disposal practices. Where POTWs do not have an approved Pretreatment Program, the permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))

2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))
 - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
 - c. The permittee submitted the necessary notice required in paragraph G.4 below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in paragraph G.2 above. (40 CFR 122.41(m)(4)(ii))
4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
 - b. Unanticipated Bypass
 - (i) The permittee shall submit immediate notice of an unanticipated bypass causing or threatening pollution. The notice shall be in accordance with Part A III.C.4.a.
 - (ii) The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR §122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR §122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. 40 CFR 122.41(c)

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR §122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
 - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
 - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))

d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code 92a.51 (relating to schedules of compliance) and other appropriate Department regulations. (25 Pa. Code 92a.71)

3. In the event DEP does not approve transfer of this permit, the new owner or controller must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code 92a.62)

Small Flow Treatment Facility (SRSTP and SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category: **Minor Sewage Facility ≥0.05 and <1 MGD.**

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees.

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Water Standards and Facility Regulation
P.O. Box 8466
Harrisburg, PA 17105-8466

PART C**I. OTHER REQUIREMENTS**

- A. Notification of the designation of the responsible operator must be submitted to the permitting agency by the permittee within 60 days after the effective date of the permit and from time to time thereafter as the operator is replaced.
- B. For reporting purposes on the DMR, the term "average weekly" shall mean the highest average weekly value observed during the monthly monitoring period.
- C. If, at any time, the DEP determines that the discharge permitted herein creates a public nuisance or causes environmental harm to the receiving water of the Commonwealth, the DEP may require the permittee to adopt such remedial measures as will produce a satisfactory effluent. If the permittee fails to adopt such remedial measures within the time specified by the DEP, the right to discharge herein granted shall, upon notice by the DEP, cease and become null and void.
- D. No storm water from pavements, area ways, roofs, foundation drains, or other sources shall be admitted to the sanitary sewers associated with the herein approved discharge.
- E. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance, and replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- F. If there is a change in ownership of this facility or in the name of the permittee, an application for transfer of the permit must be submitted to the DEP.
- G. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 281, 283, and 285 (relating to general provisions and requirements for landfilling, land application, composting, processing, and storage of municipal waste), Chapters 261a, 262a, 263a, and 270a (related to identification of hazardous waste, requirements for generators and transporters, and hazardous waste permit programs) and applicable Federal Regulations, the Federal Clean Water Act, RCRA, and their amendments.
- H. The DEP may identify and require certain discharge specific data to be submitted before the expiration date of this permit. Upon notification by the DEP, the permittee will have 12 months from the date of the notice to provide the required data. These data, along with any other data available to the DEP, will be used in completing the Watershed TMDL/WLA Analysis and in establishing discharge effluent limits.
- I. Instantaneous maximum limitations are imposed to allow for a grab sample to be collected by the appropriate regulatory agency to determine compliance. The permittee does not have to monitor for the instantaneous maximum limitation except for the parameters pH and fecal coliform. However, if grab samples are collected for parameters normally monitored through composite sampling, the results must be reported.

J. Laboratory Certification

The Environmental Laboratory Accreditation Act of 2002 requires that all environmental laboratories register with the DEP. An environmental laboratory is any facility engaged in the testing or analysis of environmental samples required by a statute administered by the DEP relating to the protection of the environment or of public health, safety, and welfare.



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

December 29, 2011

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

Re: NPDES Discharge for Stormwater Construction
Activities
Lockwood Chase STP Diversion
No. PAI01151127
East Goshen Township
Chester County

RECEIVED
BY: _____

JAN 3 2012

Dear Mr. Smith:

Enclosed is the above-referenced permit which authorizes the discharge of stormwater from the construction activity described in the final erosion and sedimentation control plan and the permit application. Please contact the Chester County Conservation District to make arrangements to obtain your copy of the approved final erosion and sedimentation control plan. The plan must be fully implemented and available at the construction site. A pre-construction meeting must be scheduled with the District. Failure to do so may result in suspension of your permit.

Please read carefully Parts A, B, and C of the permit which detail the terms and conditions of this authorization. Conservation district's staff and/or representatives of the Department of Environmental Protection may inspect this earthmoving activity to determine compliance with applicable permit requirements, Chapters 92, 101, and 102 Rules and Regulations and the Clean Streams Law.

Permit requirements and federal regulations at 40 C.F.R. Section 122.21(b) require "when a facility or activity is owned by one person but is operated by another person, it is the operator's duty to obtain a permit." Please be advised that once a contractor has been selected for the project, the permit must either be transferred to the contractor or the contractor must be made a co-permittee. The enclosed form must be used to add a co-permittee.

Enclosed is a Notice of Termination form to complete and file when construction activities have ceased and final stabilization has been achieved.

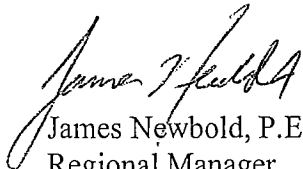
This authorization does not relieve the applicant from applying for and obtaining any and all additional permits or approvals from local, state, or federal agencies for the construction activity.

Mr. Louis F. Smith

- 2 -

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "James Newbold". The signature is written in a cursive style with a large initial "J".

James Newbold, P.E.
Regional Manager
Watershed Management

Enclosure

cc: Chester County Conservation District
East Goshen Township
Mr. Ellis – Pennoni Associates, Inc.
Re 30 (joh11)264-3

**APPROVAL OF COVERAGE UNDER
 THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) INDIVIDUAL
 PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES**

NPDES PERMIT NO.: PAI01151127 PRIMARY FACILITY ID: 745422
 AUTHORIZATION NO.: 894741 SUBFACILITY ID: 1050672
 APS NO.: 759780

SITE/PROJECT NAME AND ADDRESS	PERMITTEE NAME AND ADDRESS
NAME: <u>Lockwood Chase STP Diversion</u>	NAME: <u>East Goshen Municipal Authority</u>
SITE ID: <u>719365</u>	CLIENT ID: <u>62683</u>
ADDRESS: <u>925 Dolphin Drive</u> <u>Malvern, PA 19355</u>	ADDRESS: <u>1580 Paoli Pike</u> <u>West Chester, PA 19380-6199</u>
MUNICIPALITY: <u>East Goshen Township</u>	
COUNTY: <u>Chester</u>	

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Sections 1251 et seq. (the "Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Sections 691.1 et seq., the Department of Environmental Protection (Department) hereby approves the discharge of stormwater to the following surface water(s) Ridley Creek.

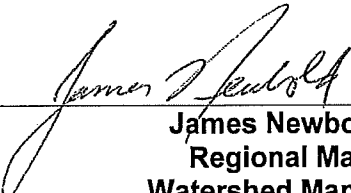
from a: 1-acre to less than 5-acre project with a point source (or) 5-acre or larger project

subject to all effluent limitations, monitoring and reporting requirements and other terms, conditions, criteria, and special requirements for the discharge of stormwater from sources composed entirely of stormwater associated, in whole or in part, with construction activity, as defined in this permit, to surface waters of the Commonwealth, including municipal separate storm sewers and nonmunicipal separate storm sewer.

APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VAILD FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO SUCH TERMS AND CONDITIONS. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT IF A TIMELY ADMINISTRATIVELY COMPLETE AND ACCEPTABLE PERMIT RENEWAL IS SUBMITTED TO THE DEPARTMENT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION, UNLESS PERMISSION FOR SUBMISSION AT A LATER DATE HAS BEEN GRANTED BY THE DEPARTMENT. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON NOTICE TO AND APPROVAL BY THE DEPARTMENT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES AND REGULATIONS, OR LOCAL ORDINANCES.

APPROVAL DATE: Decemberr29, 2011 EXPIRATION DATE: December 29, 2016

AUTHORIZED BY:



James Newbold, P.E.
Regional Manager
Watershed Management

SPECIAL CONDITION(s)

1. This permit incorporates by reference the application and any other attachments, reports, plans, plan drawings, supplements, and other materials submitted by the applicant in support of its application.
2. A Notice of Termination (NOT) will be required to be submitted following approval of the final as-built plans. Prior to accepting the NOT, the Department and/or Conservation District will perform a final inspection to ensure site stabilization and verify adequate installation and function of stormwater best management practices (BMPs).
3. As-built plans of the stormwater BMPs for each project phase shall be provided within six months following the completion of each phase. The as-built plans shall be signed and sealed by a PA Registered Professional Engineer.
4. The permittee shall provide engineering construction oversight for the proposed stormwater BMPs. Additional soil testing may be required prior to the installation of infiltration BMPs to ensure proper location and function.
5. This permit may be modified, suspended, revoked, reissued, or terminated during its term for any of the causes specified in 25 Pa. Code Chapters 92 and 102, or to require compliance with updated Effluent Limitation Guidelines, impaired water listings, or new TMDLs.

Re 30 (joh11)164-3a

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PART A

EFFLUENT LIMITATIONS, MONITORING, REPORTING AND RECORD KEEPING REQUIREMENTS AND PROHIBITIONS

1. EFFLUENT LIMITATIONS

a. Best Management Practices (BMPs)

Effluent limitations are established in this permit as Erosion and Sediment Control (E&S) Plans, Preparedness, Prevention, and Contingency (PPC) Plans, and other stormwater Best Management Practices (BMPs) which restrict the quantity and rate of accelerated erosion and the resulting sediment discharge to the Commonwealth. When necessary, specific narrative numeric effluent limits, are set forth in Appendix A, or other special conditions have been incorporated to assure that existing and designated uses of water of the Commonwealth will be maintained and protected from degradation.

b. Applicable Effluent Limitations

All stormwater discharges associated with construction activities must comply with applicable effluent limitations established in 25 Pa. Code Chapters 91-97, 102 and 105.

c. Water Quality Based Effluent Limitations

Water quality based effluent limitations shall be imposed under applicable state and federal law when necessary to ensure that the water quality standards of the receiving water are attained. Discharges of stormwater associated with a construction activity shall not result in a violation of the water quality standards.

d. Discharges

All discharges authorized by this NPDES permit shall be consistent with the terms and conditions of the permit.

2. MONITORING AND REPORTING

a. Visual Inspections

The permittee and co-permittee must ensure that visual site inspections are conducted on at least a weekly basis, and after each measurable precipitation event to ascertain that the E&S BMPs are operational and effective in preventing pollution to the waters of the Commonwealth. Site inspection must be conducted by qualified personnel, trained and experienced in erosion and sediment control. An NPDES Stormwater Construction Permit Inspection Log or other written report of each inspection shall be kept, and include:

- (1) The date, time, project information, weather conditions and the name of the person conducting the inspection.
- (2) A summary of site conditions, BMP's, corrective actions taken and compliance.

In the event the permittee or co-permittee is required to monitor stormwater discharge outfalls regulated under this permit, all monitoring data shall be reported in accordance with Part A.2.e. of this permit.

The Department and authorized County Conservation District, reserve the right to enter onto the site to conduct monitoring or require monitoring where necessary in appropriate circumstances such as where a danger of water pollution is present, or water pollution is suspected to be occurring from a construction activity subject to this permit. The permittee or co-permittee shall commence such monitoring upon notification from the Department or authorized County Conservation District.

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

b. Non-compliance Reporting

Where E&S BMP's are found to be inoperative or ineffective during an inspection, or any other time, the permittee and co-permittee shall immediately contact the Department or authorized County Conservation District, by phone or personal contact, followed by the submission of a written report within 5 days of the initial contact. Non-compliance reports shall include the following information:

- (1) Any condition on the project site which may endanger public health, safety, or the environment, or involve incidents which cause or threaten pollution.
- (2) The period of non-compliance, including exact dates and times and/or anticipated time when the activity will return to compliance.

- (3) Steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.
- (4) The date or schedule of dates, and identifying remedies for correcting non-compliance conditions.

c. Supplemental Monitoring

The Department, and the authorized County Conservation District reserve the right to require additional monitoring where a danger of water pollution is present, or water pollution is suspected to be occurring from a construction activity subject to this permit. The permittee or co-permittee shall commence monitoring upon notification from the Department, or the authorized County Conservation District.

d. Test Procedures

Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those contained in 40 C.F.R. Part 136, alternate test procedures approved pursuant to that part, or other alternate procedures approved by the Department.

e. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee or co-permittee shall record the following information:

- (1) The exact place, date and time of sampling or measurements.
- (2) The person(s) who performed the sampling or measurements.
- (3) The dates the analyses were performed.
- (4) The person(s) who performed the analyses.
- (5) The analytical techniques or methods used.
- (6) The results of such analyses.

f. Availability of Reports.

Except for data determined to be confidential under §607 of the Clean Streams Law, all reports and other information prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate Department Regional Office or authorized County Conservation District.

3. PROHIBITIONS

If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under §307(a) of the Federal Clean Water Act (CWA) for a toxic pollutant which is present in the permittee's or co-permittee's discharge, and such standard or prohibition is more stringent than any limitation upon such pollutant in the NPDES permit, the Department shall revise or modify the permit in accordance with the toxic effluent standard or prohibition and so notify the permittee or co-permittee. In the absence of a departmental action to modify or to revoke and reissue this permit, the toxic effluent standard or prohibition established under §307(a) of the CWA is considered to be effective and enforceable against the permittee or co-permittee.

4. RECORD KEEPING

a. Retention of Records

The permittee or co-permittee shall retain records of all monitoring activities and results including all calibration and maintenance records, copies of all reports required by the permit, and records of all data used to complete the application for this permit, for a period of three years from the date of the termination of coverage under this permit. This period may be extended by request of the Department, or an authorized County Conservation District.

b. Reporting of Monitoring Results

In the event monitoring of outfalls is conducted, monitoring results shall be summarized on a Discharge Monitoring Report Form (DMR) and submitted to the Department on an annual basis, postmarked no later than January 31st of each year following the monitoring. If the construction activity is terminated (see condition 4 in the permit cover sheet) prior to the 31st of that year, the DMR should be submitted no later than one month following the date of the termination. (DMR forms can be obtained from the appropriate regional office of the Department). A signed copy of the DMR form and all other reports required herein, shall be submitted to the Department's regional offices that authorized this permit.

5. DISCHARGES CONSISTENT WITH TERMS AND CONDITIONS OF THE PERMIT

All discharges authorized by this NPDES permit shall be consistent with the terms and conditions of this permit.

PART B

STANDARD CONDITIONS

1. MANAGEMENT REQUIREMENTS

a. Permit Modification, Termination, or Revocation and Reissuance

- (1) This permit may be modified, suspended, revoked and reissued, or terminated during its term for any of the causes specified in 25 Pa. Code Chapters 91, 92, 93, 95, 96, 97, 102 or 105 including but not limited to, the following.
 - (a) Violation of any terms or conditions of the permit.
 - (b) Obtaining a permit by misrepresentation or failure to discuss fully all relevant facts.
 - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.
- (2) The filing of a request by the permittee or co-permittee for a permit or coverage modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.
- (3) Permit modification or revocation will be conducted according to 25 Pa. Code Chapters 92 or 102.

b. Duty to Provide Information

- (1) The permittee or co-permittee shall furnish to the Department, or the authorized County Conservation District within 30 days of the date of request, any information that the Department or authorized County Conservation District may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or coverage approved under this permit, or to determine compliance with this permit.
- (2) The permittee or co-permittee shall furnish, upon request, to the Department, or the authorized County Conservation District, copies of records required by this permit.
- (3) When the permittee or co-permittee becomes aware that they failed to submit any relevant facts or submitted incorrect information in the permit application, GIF, PPC Plan, E&S Plan, PCSM Plan or in any other report to the Department, or the authorized County Conservation District, the permittee or co-permittee shall promptly submit or correct such facts or information.
- (4) The permittee or co-permittee shall give seven calendar days advance notice to the Department, or the authorized County Conservation District, of any planned physical alterations or additions to the permitted facility which could, in any way, substantially affect the quality and/or quantity of stormwater discharged from the activity.

c. Signatory Requirements

Documents required, submitted, or maintained under this permit shall be signed in accordance with the following:

- (1) Applications, Transferee/Co-permittee Form, and Notices of Termination.
 - (a) Corporations: (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (2) the manager of one or more manufacturing, production or operating facilities, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (b) Partnerships or sole proprietorships: a general partner or the proprietor, respectively.
 - (c) Municipalities, State, Federal, or other public agencies: either a principal executive officer or ranking elected official; (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

- (2) All reports, plans, documents, and other information required by the permit or requested by the Department, or the authorized County Conservation District, shall be signed by the permittee or co-permittee, or by a duly authorized representative of the permittee or co-permittee.
- (3) If there is a change in the duly authorized representative of the permittee or co-permittee, respectively, the permittee or co-permittee shall notify the Department, or an authorized County Conservation District within 30 days of the change.

d. Transfer of Ownership or Control

- (1) This permit is not transferable to any person except after notice to the Department, or authorized County Conservation District.
 - (a) In the event of any pending change in control or ownership of facilities from which the authorized discharges emanate, the permittee or co-permittee shall notify the Department, or the authorized County Conservation District, using the form entitled "Transferee/Co-permittee Application" for a General or Individual NPDES Permit for Stormwater Discharges Associated with Construction Activities (Transfer/Co-permittee Application) of such pending change at least 30 days prior to the change in ownership or control.
 - (b) The Transferee/Co-permittee Application form shall be accompanied by a written agreement between the existing permittee and the new owner or operator stating that the existing permittee shall be liable for violations of the permit up to and until the date of coverage transfer and that the new owner or operator shall be jointly and individually liable for permit violations under the permit from that date on.
 - (c) After receipt of the required documentation, the Department, or the authorized County Conservation District, shall notify the existing permittee and the new owner or controller of its decision concerning approval of the transfer. Such requests shall be deemed approved unless the Department, or the authorized County Conservation District, notifies the applicant otherwise within 30 days.
- (2) For purposes of this permit, operators shall include general contractors. If, prior to construction activities, the owner is the permittee and an operator/general contractor is later identified to become a co-permittee, the owner shall:
 - (a) Notify the Department, or the authorized County Conservation District, by submitting an administratively complete and acceptable Transferee/Co-permittee Application form.
 - (b) After receipt of the documentation described in (a) above, the permit will be considered modified by the Department. For purposes of this permit, this modification is considered to be a minor permit modification.
 - (c) Monitoring reports and any other information requested under this permit should reflect all changes to the permittee and the co-permittee name.

e. Removed Substances

Solids, sediments and other pollutants removed in the course of treatment or control of stormwater shall be disposed in accordance with federal and state law and regulations in order to prevent any pollutant in such materials from adversely affecting the environment.

f. BMP Implementation and Maintenance

The permittee and co-permittee shall at all times properly implement all BMPs which are installed or used by the permittee or co-permittee as efficiently as possible to achieve compliance with the conditions of this permit and with the E&S Plan, PPC Plan and PCSM Plan. Proper implementation and maintenance includes, but is not limited to, effective performance, based on designed BMP capabilities, adequate staffing and training, and adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the implementation of additional or alternative and at all times operate and maintain BMP's, including PPC Plans, E&S Plans, and any other stormwater pollution prevention and management measures.

g. Reduction Loss, or Failure of BMPs

Upon reduction, loss or failure of any BMP, immediate action to restore, repair or replace the BMP or provide an alternative BMP, the permittee or co-permittee shall be taken to ensure that there are no pollution discharges to the waters of the Commonwealth. This requirement is applicable in situations where the BMP is rendered ineffective, whether the cause or source of the reduction, loss or failure is within or beyond the control of the permittee or co-permittee.

h. Adverse Impact

The permittee and co-permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health, safety, or the environment.

i. Reduction, Loss, or Failure of the BMPs

Upon reduction, loss or failure of the BMPs, the permittee and co-permittee shall take immediate action to restore the BMPs or provide an alternative method of treatment.

j. Termination of Coverage

When all stormwater discharges associated with construction activity that are authorized by this permit are eliminated, the permittee or co-permittee of the facility must submit a Notice of Termination (NOT) form that is signed in accordance with Part B.1.c. (Signatory Requirements) of this permit. All NOTs certifying discharge termination are to be sent to the Department, or the authorized County Conservation District.

2. RESPONSIBILITIES

a. Duty to Comply

The permittee and co-permittee must comply with all terms and conditions of this general permit. Any permit non-compliance constitutes a violation of the Pennsylvania Clean Streams Law and the federal Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit or permit renewal.

b. Penalties for Violations of Permit Conditions, Falsification of Report or Other Document

Any person who violates a permit condition, fails to take corrective action to abate violations or falsifies reports or other documents subjects that person to administrative, civil, and/or criminal penalties or other appropriate action pursuant to under Section 602 and 605 of the Clean Streams Law, 35 P.S. Sections 691.602 and 691.605, and under the Clean Water Act as specified in 40 C.F.R. Sections 122.41(a)(2) and (3), which are incorporated by reference.

c. Need to Halt or Reduce Activity Not a Defense

The permittee or co-permittee may not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit.

d. Property Rights

This permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

e. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

f. Other Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee or co-permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Pennsylvania law or regulation under authority preserved by Section 510 of the Clean Water Act, 33 U.S.C. §1361, or under Section 311 of the Clean Water Act 33 U.S.C. §1321.

g. Right of Entry

Pursuant to Sections 5(b) and 305 of the Pennsylvania Clean Streams Law (35 P.S. §§691.5(b) and 691.305) and 25 Pa. Code Chapter 92, and §1917-A of the Administrative Code, the permittee or co-permittee shall allow the head of the Department, the EPA Regional Administrator, and/or an authorized representative of the Department, EPA, County Conservation District or, in the case of a facility which discharges to a municipal separate storm sewer, an authorized representative of the municipal operator or the separate storm sewer receiving the discharge, upon the presentation of credentials and other documents, as may be required by law, to:

- (1) Enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit.
- (2) At any reasonable time, have access to and copy any records that must be kept under the terms and conditions of this permit; inspect any facilities or equipment (including monitoring and control equipment) and sample any substances or discharge at any location.

3. DEFINITIONS

Authorized County Conservation District - For purposes of this permit, shall generally mean the local County Conservation District that has entered into a delegation agreement with the Department to administer and enforce the NPDES Permit for Stormwater Discharges Associated with Construction Activities Program. The Department retains program administration and enforcement if the local County Conservation District is not delegated.

Best Management Practices (BMPs) – Activities, facilities, measures, or procedures used to protect, maintain, reclaim and restore the quality of waters, and existing and designated uses within this Commonwealth. BMPs include PPC Plans, E&S Plans, PCSM Plans, Stormwater Management Act Plans and other treatment requirements, operating procedures, and practices to control project site runoff, spillage or leaks, and other drainage from the construction activity.

Co-Permittee – A discharger of stormwater associated with construction activity who is jointly and individually responsible for compliance with all conditions of a permit and applicable laws with another entity for discharges to surface waters of the Commonwealth from their construction activity. Each co-permittee shall only be responsible for stormwater discharges from activities owned and/or operated by such co-permittee.

Department – The Department of Environmental Protection (DEP) of the Commonwealth.

Director – The Director of the Bureau of Watershed Management, or any authorized employee thereof.

Erosion and Sediment Control Plan (E&S Plan) - A site-specific plan that meets the requirements of Title 25, Chapter 102 and minimizes accelerated erosion and sedimentation.

Municipality – Any county, city, borough, town, township, school district, institution or any authority created by one or more of the foregoing.

Operator - The person with oversight responsibility of earth disturbance activity on a project site for a portion thereof who has the ability to make modifications to the Erosion and Sediment Control Plan or site specifications; or day-to-day operational control over earth disturbance activity on a project site or a portion thereof to ensure compliance with the Erosion and Sediment Control Plan.

Owner - A person who holds legal title to the land subject to construction activity. This term also includes the person(s) who held legal title to the land subject to construction activity at the time such activity was commenced on a site.

Person – Any operator, natural person, partnership, association, corporation, or any agency, instrumentality or entity of Federal or State Government. Whenever used in any clause prescribing and imposing a penalty, or imposing a fine or imprisonment or both, the term "person" shall not exclude the members of an association and the directors, officers, or agents of a corporation.

Preparedness, Prevention and Contingency Plan (PPC Plan) – A written plan that identifies an emergency response program, material and waste inventory, spill and leak prevention and response, inspection program, housekeeping program, security and external factors, developed and implemented at the construction site to control potential discharges of pollutants other than sediment into waters of the Commonwealth. Potential pollutants at construction activities can include, but are not limited to pesticides, fertilizers, lime, petrochemicals, construction-related chemicals and solvents, wastewater, wash water, core drilling wastewater, cement, sanitary wastes or hazardous wastes.

Post Construction Stormwater Management Plan (PCSM Plan) – A site specific plan identifying BMPs to manage stormwater runoff after construction activities have ended and the project site permanently stabilized to protect and maintain existing and designated uses. The PCSM Plan must contain a written narrative, including calculations or measurements, and justifications for each BMP. The BMPs should be designed to maximize infiltration technologies, minimize point source discharges to surface waters, preserve the integrity of stream channels, and protect the physical, biological and chemical qualities of the receiving water.

Runoff Coefficient – The fraction of total rainfall that will appear at the conveyance as runoff.

Stabilization – the proper placing, grading, constructing, reinforcing, lining, and covering of soil, rock or earth to insure its resistance to erosion, sliding or other movement.

Stormwater – Stormwater runoff, snow melt runoff, and surface runoff and drainage.

Stormwater Associated with Construction Activity – The discharge into waters of the Commonwealth, municipal separate storm sewers, or non-municipal separate storm sewers from any conveyance which is used for collecting and conveying stormwater and which is related to construction activities. Construction activities include clearing, grading, and excavation activities of 1 acre or greater including those activities of less than one acre of total land area that are part of a larger common plan of development or sales. The term does not include stormwater discharges from silvicultural, agricultural, or road maintenance activities.

Surface Waters of the Commonwealth – Any and all rivers, streams, creeks, rivulets, impoundments, ditches, water courses, storm sewers, lakes, dammed water, ponds, springs, wetlands and all other bodies or channels of conveyance of surface water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth.

Wetlands – Areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs and similar areas.

PART C**OTHER CONDITIONS****1. PROHIBITION OF NON-STORMWATER DISCHARGES**

All discharges covered by this permit shall be composed entirely of stormwater, unless discharges of material other than stormwater are in compliance with another NPDES discharge permit (other than this permit) issued for the discharge. Discharge of sewage or industrial waste (other than sediment under this permit) to an erosion and sediment control BMP is not permitted.

The permittee or co-permittee may not discharge floating materials, oil, grease, scum, foam, sheen and substances which produce odor, taste, turbidity, or settle to form deposits in concentrations or amounts sufficient to be, or create a danger of being, inimical to the water uses to be protected or to human, animal, plant or aquatic life.

2. EROSION AND SEDIMENT CONTROL PLANS

- a. An E&S Plan, must be prepared, developed, and implemented for each activity covered by this permit in accordance with the Department's Chapter 102 Rules and Regulations, and Department guidance. Each E&S plan must be submitted to the Department or authorized County Conservation District. The BMPs shall be designed to minimize the potential for accelerated erosion and sedimentation in order to protect, maintain, reclaim and restore water quality and existing and designated uses. Various BMPs and their design standards are listed in the Erosion and Sediment Pollution Control Program Manual (#363-2134-008). The manual is available from the Department or Authorized County Conservation District, or can be downloaded from the Department website www.dep.state.pa.us. E&S Plans, BMPs, and revisions thereto, which meet the requirements of 25 Pa. Code Chapter 102 are conditions of this permit and incorporated by reference.
- b. E&S Plans required under this permit are considered reports that shall be available to the public under Section 607 of the Clean Streams Law, and 25 Pa. Code, Chapter 92 of the Department's regulations. The owner or operator of a facility with stormwater discharges covered by this permit shall make E&S Plans available to the public upon request. E&S Plans must be made available at the site of the construction activity at all times.
- c. The staging of earth disturbance activities and maintenance requirements contained in the E&S Plan must be followed.

3. RECYCLING AND DISPOSAL OF BUILDING MATERIALS AND WASTES

All building materials and wastes must be removed from the site and recycled or disposed in accordance with the Department's Solid Waste Management Regulations at 25 Pa. Code §260.1 *et seq.*, §271.1 *et seq.*, and §287.1 *et seq.* No building material or wastes or unused building materials shall be burned, buried, dumped, or discharged at the site.

4. PREPAREDNESS, PREVENTION AND CONTINGENCY PLANS

If the potential exists for causing accidental pollution of air, land, or water, or for causing endangerment of public health and safety through accidental release of toxic, hazardous, or other polluting materials, the permittee or co-permittee must develop a Preparedness, Prevention, and Contingency (PPC) Plan. The PPC Plan shall be developed in accordance with Department regulations. The PPC Plan shall identify areas which may include, but are not limited to, waste management areas, raw material storage areas, temporary and permanent spoils storage areas, maintenance areas, and any other areas that may have the potential to cause non-compliance with the terms and conditions of this permit due to the storage, handling, or disposal of any toxic or hazardous substances such as oil, gasoline, pesticides, herbicides, solvents, etc. BMPs shall be developed and implemented for each identified area. The PPC Plan shall be maintained on site at all times and shall be made available for review at the Department's or authorized County Conservation District's request.

5. POST CONSTRUCTION STORMWATER MANAGEMENT PLANS

A PCSM Plan that identifies the BMPs to be installed to manage and treat the stormwater discharge to protect water quality after construction must be prepared and implemented. Such BMPs should be designed to maximize groundwater infiltration, to protect the structural integrity of the stream, and to protect and maintain existing and designated uses. In addition, some counties have adopted Act 167 Stormwater Management Plans that incorporate measures to protect and maintain existing uses and protect and maintain water quality to maintain those existing uses. In areas where plans exist and are supported by local ordinances, the applicant must design the PCSM Plan in accordance with these ordinances. Permittees and co-permittees are responsible for proper installation of the PCSM Plan BMPs prior to the submission of the notice of termination to this permit.

6. PRE-CONSTRUCTION CONFERENCES

The permittee or co-permittee shall contact the Department or an authorized County Conservation District at least seven days before construction is to begin to determine if a pre-construction conference is required. The permittee, co-permittee and others undertaking the earth disturbance activity must attend a pre-construction conference if requested by the Department or an authorized County Conservation District.

7. SPOIL OR BORROW AREA

An E&S Plan shall be submitted to the Department or an authorized County Conservation District for review and approval for all spoil and borrow areas, regardless of their location. All spoil and borrow areas shall be subject to the requirements contained in this permit.

8. PHASED PROJECTS

Prior to the commencement of earth disturbance activities for subsequent phases of the project, the permittee or co-permittee shall submit an E&S Plan and PCSM Plan, for each subsequent phase of the project for review and authorization by the Department or authorized County Conservation District.

Coverage under this permit is only granted for those phases or portions of a project for which an E&S Plan and PCSM Plan, and PPC Plan has been submitted to, reviewed and authorized by the Department or an authorized County Conservation District.

9. CLARIFICATION ASSISTANCE

The permittee or co-permittee shall contact the Department or an authorized County Conservation District for clarification of any requirements contained in this document, E&S Plan, PCSM Plan, PPC Plan, or other documents related to this permit.

10. WETLAND PROTECTION

If hydric soils or other site conditions indicate that wetlands are present, a wetland determination must be conducted in accordance with Department procedures. All wetlands must be identified on the E&S Plan and PCSM Plan.

APPENDIX A

The following numeric effluent limits or other special conditions are incorporated as terms and conditions with this permit authorization.

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

FILE

December 27, 2011

Mr. Andrew Sheaf
Commonwealth Keystone Building
400 North Street, 4th Floor
Harrisburg PA 17120-7120

Re; East Goshen Municipal Authority
H2O PA Grant
Contract #C00045819

Dear Andrew:

Pursuant to Article XIV of the above referenced Contract enclosed is a copy of the Audit.

Thanks for your help with this project.

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

Sincerely,

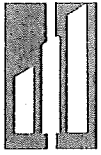


Louis F. Smith, Jr.
Township Manager

Enclosure

F:\Data\Shared Data\Public Works Dept\Grants\RCSTP\EGMA Letter 122711.doc

cc EGMA



MAILLIE, FALCONIERO & COMPANY, LLP

Certified Public Accountants and Business Counselors

www.maillie.com

PO Box 3068
West Chester, PA 19381-3068
610-696-4353
Fax: 610-430-8811

D. Scott Detar
John J. Crenny, Jr.
James M. Powers
Glenn B. Bachman
Raymond T. Mock
Robert L. Caruso
Edward J. Furman
Robert L. Boland
Robert M. Manero
Donald J. Pierce
Richard A. Flanagan IV
Craig S. Springer
Robert C. Hershey, Jr.
Gregory J. Shank

December 21, 2011

Mr. Joseph M. McCawley, Jr., Chairman
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6107

RECEIVED
DEC 23 2011

Dear Mr. McCawley:

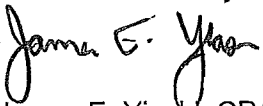
I have enclosed three copies of the financial statements and supplementary information of the H2O PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority for the period from July 1, 2008 to October 10, 2011.

Also enclosed are three copies of the communication with those charged with governance.

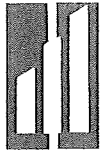
Please call if you have any questions or if I can be of assistance in any other way.

Very truly yours,

MAILLIE, FALCONIERO & COMPANY, LLP


James E. Yiaski, CPA

Enclosures



MAILLIE, FALCONIERO & COMPANY, LLP

Certified Public Accountants and Business Counselors

www.maillie.com

PO Box 3068
West Chester, PA 19381-3068
610-696-4353
Fax: 610-430-8811

D. Scott Detar
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December 20, 2011

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the financial statements of the H2O PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority for the period from September 1, 2008 to October 10, 2011. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated July 1, 2010. Professional standards also require that we communicate to you the following information related to our audit.

SIGNIFICANT AUDIT FINDINGS

Qualitative Aspects of Accounting Practices

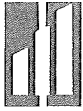
Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the H2O PA Grant, Department of Community and Economic Development Contract #C000045819 are described in Note A to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the contract period. We noted no transactions entered into by the governmental unit during the contract period for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no such misstatements identified during the audit.



To the Members of the Board
East Goshen Municipal Authority

- 2 -

December 20, 2011

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated December 14, 2011.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the governmental unit's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the governmental unit's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

This information is intended solely for the use of the management of the East Goshen Municipal Authority and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

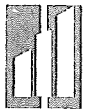
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*Certified Public Accountants and
Business Counselors*

**EAST GOSHEN MUNICIPAL AUTHORITY
H2O PA GRANT
DEPARTMENT OF COMMUNITY AND
ECONOMIC DEVELOPMENT
CONTRACT #C000045819**

**FINANCIAL STATEMENTS AND
SUPPLEMENTARY INFORMATION**

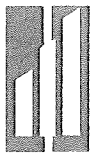
From September 1, 2008 to October 10, 2011



MAILLIE, FALCONIERO & COMPANY, LLP
Certified Public Accountants and Business Counselors

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MAILLIE, FALCONIERO & COMPANY, LLP

Certified Public Accountants and Business Counselors

www.maillie.com

PO Box 680
Oaks, PA 19456-0680
610-935-1420
Fax: 610-935-1632

PO Box 3068
West Chester, PA 19381-3068
610-696-4353
Fax: 610-430-8811

Independent Auditors' Report

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the accompanying balance sheet of the H20 PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority as of October 10, 2011, and the related statement of revenues and expenditures, budget and actual, for the period from September 1, 2008 to October 10, 2011. These financial statements are the responsibility of the East Goshen Municipal Authority's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and the significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

The accompanying financial statements were prepared in conformity with the Commonwealth of Pennsylvania's Department of Community and Economic Development reporting requirements for the H20 PA Grant, Department of Community and Economic Development Contract #C000045819 and are not intended to be a complete presentation of all grant revenues, expenses and related assets and liabilities of the East Goshen Municipal Authority.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the H20 PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority as of October 10, 2011, and its revenues and expenditures for the period from September 1, 2008 to October 10, 2011, in conformity with accounting principles generally accepted in the United States of America.

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

In accordance with *Government Auditing Standards*, we have also issued our report dated December 14, 2011, on our consideration of the East Goshen Municipal Authority's internal control over financial reporting for the H2O PA Grant, Department of Community and Economic Development Contract #C000045819 and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

This report is intended solely for the information and use of the East Goshen Municipal Authority and the Commonwealth of Pennsylvania's Department of Community and Economic Development and is not intended to be and should not be used by anyone other than these specified parties.

Maillie, Falconiero & Company, LLP

West Chester, Pennsylvania
December 14, 2011

EAST GOSHEN MUNICIPAL AUTHORITY
H2O PA GRANT
DEPARTMENT OF COMMUNITY AND ECONOMIC
DEVELOPMENT CONTRACT #C000045819
BALANCE SHEET
October 10, 2011

ASSETS
Cash

\$ -

LIABILITIES AND FUND BALANCE

LIABILITIES

\$ -

FUND BALANCE

 -

TOTAL LIABILITIES AND FUND BALANCE

\$ -

See accompanying notes.

**EAST GOSHEN MUNICIPAL AUTHORITY
H20 PA GRANT
DEPARTMENT OF COMMUNITY AND ECONOMIC
DEVELOPMENT CONTRACT #C000045819**

**STATEMENT OF REVENUES AND EXPENDITURES
BUDGET AND ACTUAL**

From September 1, 2008 to October 10, 2011

	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	
			<u>Dollar</u>	<u>Percentage</u>
REVENUES				
Commonwealth of Pennsylvania	\$ 464,195	\$ 464,195	\$ -	0%
Matching funds	<u>232,098</u>	<u>232,098</u>	<u>-</u>	0%
TOTAL REVENUES	696,293	696,293	-	0%
EXPENDITURES				
Construction	<u>696,293</u>	<u>696,293</u>	<u>-</u>	0%
EXCESS OF REVENUES OVER EXPENDITURES	\$ <u><u>-</u></u>	\$ <u><u>-</u></u>	\$ <u><u>-</u></u>	0%

See accompanying notes.

EAST GOSHEN MUNICIPAL AUTHORITY
H2O PA GRANT
DEPARTMENT OF COMMUNITY AND ECONOMIC
DEVELOPMENT CONTRACT #C000045819
NOTE TO FINANCIAL STATEMENTS
October 10, 2011

NOTE A . . . **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

Scope of Reporting Entity

The accompanying financial statements report the activities of the East Goshen Municipal Authority DCED H2O Grant Contract #C000045819 received from the Commonwealth of Pennsylvania, Department of Community and Economic Development. They are not intended to report, and do not report, any other activities of the East Goshen Municipal Authority.

Basis of Accounting

These financial statements were prepared on the accrual basis of accounting.

NOTE B . . . **PURPOSE OF THE CONTRACT**

The Commonwealth of Pennsylvania's H2O PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority provides funds for the purpose of the expansion of the Ridley Creek Sewer Plant.

NOTE C . . . **INVESTMENT OF GRANT FUNDS**

The funds received from the Commonwealth of Pennsylvania's H2O PA Grant, Department of Community and Economic Development Contract #C000045819 did not generate more than \$50.00 of interest income per calendar year over the contract period. All funds related to this contract have been spent as of October 10, 2011.



MAILLIE, FALCONIERO & COMPANY, LLP

Certified Public Accountants and Business Counselors

www.maillie.com

PO Box 680
Oaks, PA 19456-0680
610-935-1420
Fax: 610-935-1632

PO Box 3068
West Chester, PA 19381-3068
610-696-4353
Fax: 610-430-8811

Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on a Program-Specific Audit of Financial Statements Performed in Accordance With Government Auditing Standards

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the financial statements of the H20 PA Grant, Department of Community and Economic Development Contract #C000045819 of the East Goshen Municipal Authority for the period from September 1, 2008 to October 10, 2011, and have issued our report thereon dated December 14, 2011. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

INTERNAL CONTROL OVER FINANCIAL REPORTING

In planning and performing our audit, we considered the East Goshen Municipal Authority's internal control over financial reporting for the H20 PA Grant, Department of Community and Economic Development Contract #C000045819 as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the East Goshen Municipal Authority's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the East Goshen Municipal Authority's internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. *A material weakness* is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

COMPLIANCE AND OTHER MATTERS

As part of obtaining reasonable assurance about whether the H20 PA Grant, Department of Community and Economic Development Contract #C000045819's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of the East Goshen Municipal Authority and the Commonwealth of Pennsylvania's Department of Community and Economic Development and is not intended to be and should not be used by anyone other than these specified parties.

Maillie, Falconiero & Company, LLP

West Chester, Pennsylvania
December 14, 2011

SUPPLEMENTARY INFORMATION

EAST GOSHEN MUNICIPAL AUTHORITY
H2O PA GRANT
DEPARTMENT OF COMMUNITY AND ECONOMIC
DEVELOPMENT CONTRACT #C000045819
SCHEDULE OF FINDINGS AND RESPONSES
From September 1, 2008 to October 10, 2011

None.

**SUPPLEMENT DATED DECEMBER 21, 2011
TO PLGIT INFORMATION STATEMENT
DATED MARCH 31, 2008**

RECEIVED
DEC 27 2011

INTRODUCTION

This Supplement (the "Supplement") provides the following information with respect to the Pennsylvania Local Government Investment Trust ("PLGITSM" or the "Trust") and shall be read in conjunction with the PLGIT Information Statement dated March 31, 2008 (the "Information Statement"), as supplemented to date. Terms used but not defined in this Supplement shall be as defined in the Information Statement

CHANGES TO INFORMATION STATEMENT

On May 20, 2011, the Trustees voted to manage the Trust's portfolios substantially in accordance with recently adopted amendments to Rule 2a-7 of the Investment Company Act of 1940, as amended.

Effectively immediately, the following changes shall be made:

- 1. Page 8, the first paragraph after the enumerated list of authorized investments for PLGIT and PLGIT/TERM shall be replaced in its entirety with the following:**

The Trust maintains a dollar-weighted average maturity of no more than 60 days and a dollar-weighted life (final maturity, disregarding interest rate adjustments) of no more than 120 days. Obligations of the United States Government or any of its agencies or instrumentalities backed by the full faith and credit of the United States Government in the Trust may have remaining maturities exceeding one year if such securities provide for adjustments in their interest rates at least annually, and the adjustments are sufficient to cause the securities to have market values, after adjustments, which approximate their par values. Investments in the Trust are denominated in U.S dollars and have remaining maturities of 397 days (approximately 13 months) or less at the time of purchase, or be subject to repurchase agreements with a termination date of 397 days or less. However, the Trust may invest in securities greater than 397 days if certain maturity shortening features (such as interest rate resets or demand features) apply.

- 2. Page 10, the following language is added after paragraph (4) in the section titled "Investment Restrictions":**

(5) purchase any security if, as a result, more than 5% of its net assets would be invested in securities that are deemed to be illiquid because they are subject to legal or contractual restrictions on resale or because they cannot be sold or disposed of in the ordinary course of business at approximately the prices at which they are valued. For purposes of the Trust's illiquid securities limitation discussed above, if through a change in values, net assets, or other circumstances, the Trust were to be in a position where more than 5% of its net assets were invested in illiquid securities, it would consider appropriate steps to protect liquidity.

- 3. Page 10, the following language is added after the last paragraph in the section titled "Investment Restrictions":**

PLGIT will be managed so that the average maturity of all of the portfolio investments (on a dollar-weighted basis and using the contract maturity date of repurchase agreements rather than maturities of

**SUPPLEMENT DATED DECEMBER 21, 2011
TO PLGIT/ARM INFORMATION STATEMENT
DATED DECEMBER 31, 2003**

INTRODUCTION

This Supplement (the "Supplement") provides the following information with respect to the Pennsylvania Local Government Investment Trust's Arbitrage Rebate Management Program ("PLGIT/ARMSM") and shall be read in conjunction with the PLGIT/ARM Information Statement dated December 31, 2003 (the "Information Statement"), as supplemented to date. Terms used but not defined in this Supplement shall be as defined in the Information Statement

CHANGES TO INFORMATION STATEMENT

On May 20, 2011, the Trustees voted to manage the portfolio substantially in accordance with recently adopted amendments to Rule 2a-7 of the Investment Company Act of 1940, as amended.

Effectively immediately, the following changes shall be made:

- 1. Page 3, the third paragraph after the enumerated list of authorized investments shall be replaced in its entirety with the following:**

The PLGIT/ARM pool maintains a dollar-weighted average maturity of no more than 60 days and a dollar-weighted life (final maturity, disregarding interest rate adjustments) of no more than 120 days. Obligations of the United States Government or any of its agencies or instrumentalities backed by the full faith and credit of the United States Government in the Pool may have remaining maturities exceeding one year if such securities provide for adjustments in their interest rates at least annually, and the adjustments are sufficient to cause the securities to have market values, after adjustments, which approximate their par values. Investments in the Pool are denominated in U.S dollars and have remaining maturities of 397 days (approximately 13 months) or less at the time of purchase, or be subject to repurchase agreements with a termination date of 397 days or less. However, the Pool may invest in securities greater than 397 days if certain maturity shortening features (such as interest rate resets or demand features) apply.

- 2. Page 5, the following language is added after paragraph (4) in the section titled "*Investment Restrictions*":**

(5) purchase any security if, as a result, more than 5% of its net assets would be invested in securities that are deemed to be illiquid because they are subject to legal or contractual restrictions on resale or because they cannot be sold or disposed of in the ordinary course of business at approximately the prices at which they are valued. For purposes of the portfolio's illiquid securities limitation discussed above, if through a change in values, net assets, or other circumstances, the portfolio were to be in a position where more than 5% of its net assets were invested in illiquid securities, it would consider appropriate steps to protect liquidity.

- 3. Page 13, the last paragraph shall be replaced in its entirety with the following:**

To minimize the possible adverse affects of changes in interest rates and to help maintain a stable net asset value of \$1.00 per share, the Pool will maintain a dollar-weighted average portfolio maturity of not



PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOCIATION
1000 North Front Street, Suite 401, Wormleysburg, Pennsylvania 17043
(717) 737-7655 • Fax (717) 737-8431
info@municipalauthorities.org • www.municipalauthorities.org

FYI

RECEIVED
BY: _____
DEC 16 2011

TO: PMAA MEMBER AUTHORITIES
FROM: DOUGLAS E. BILHEIMER, EXECUTIVE DIRECTOR
DATE: DECEMBER 15, 2011
SUBJECT: 2012 ROSTER SHEET

We have enclosed our Roster Sheet for 2012. Please review this form, make changes as outlined below, and return the original corrected copy to the PMAA office as soon as possible.

Please Note: This print-out may contain typographical errors. Please check all information very closely and correct as required. Print corrections legibly, using red or bright ink (no pencil). Strike out, or mark "change box" in each section and provide updated information. PLEASE BE ACCURATE. This information is essential for printing the 2013 Directory to assure correct addresses for mailings, and timely processing of membership dues.

PAGE 1

Section 1: Company Information:

Reflects company facts; name, address, phone, fax, e-mail/website, county, type of project, type of authority.

Section 2: Revenue Information:

For **OPERATING Authorities** – Gross Revenues. Revise the gross revenue figure, and indicate the gross revenues for the authority's last completed fiscal year.

For **LEASE-BACK Authorities** – Annual Lease Rentals – Revise the annual lease rental figure, and indicate the lease rental figure for the authority's last completed fiscal year.

If your authority is a COMBINATION Authority, with both Gross Revenues and Lease-Back Rentals, provide both figures in the appropriate spaces.

Section 3: Authority Participates in these PMAA Programs:

Verify all programs your Authority currently participates in.

Section 4: Staff Information:

Revise any changes in the number of employees and board members.

(over)

Pennsylvania Municipal Authorities Association

1000 North Front Street, Suite 401

Wormleysburg, PA 17043

Tel: (717) 737-7655

Fax: (717) 737-8431

Email: Info@MunicipalAuthorities.org

Membership Roster for 2012

Company Information:

East Goshen Municipal Authority

1580 Paoli Pike

West Chester, PA 19380

Telephone: (610) 692-7171 Fax: (610) 692-8950

E-mail: egtadmin@eastgoshen.org

Website: www.eastgoshen.org

County: Chester Region: 1

Type of Project: Sewer Type of Authority: Leaseback

Revenue Information:

Please Provide Gross Revenue or Lease Rental Figures for the Past Fiscal Year

Is this correct? If not check box and make corrections in the space provided.

Gross Revenues: <i>(Total from service charges if an Operating Authority)</i>	\$0.00	Change:	<input type="checkbox"/>	_____
Fiscal Year Ends	12/31/2011	Change:	<input type="checkbox"/>	_____
Annual Lease Rental <i>(If project is a Lease Back)</i>	\$932,000.00	Change:	<input type="checkbox"/>	_____
Bonded Debt:	\$932,000.00	Change:	<input type="checkbox"/>	_____

The Authority Participates in these PMAA Programs:

Is this correct? If not, check box and make corrections in the space provided.

Life Insurance:	No	Change:	<input type="checkbox"/>	_____
Hospital Indemnity:	No	Change:	<input type="checkbox"/>	_____
Weekly Disability:	No	Change:	<input type="checkbox"/>	_____
Unemployment Compensation:	No	Change:	<input type="checkbox"/>	_____

Staff Information:

Is this correct? If not, check box and make corrections in the space provided.

Number of Full Time Employees:	0	Change:	<input type="checkbox"/>	_____
Number of Part Time Employees:	0	Change:	<input type="checkbox"/>	_____
Number of Board Members:	5	Change:	<input type="checkbox"/>	_____
Number Covered by Collective Bargaining:	0	Change:	<input type="checkbox"/>	_____

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Wormleysburg, PA 17043

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Fax: (717) 737-8431

Email: Info@MunicipalAuthorities.org

Membership Roster for 2012

Is this information correct? If not, check box and make corrections or any additions on blank space provided after this section:

- Change: Manager: Louis F. Smith, Jr. - 1580 Paoli Pike, West Chester, PA 19380
- Change: Director or Public Works: Mark S. Miller - 1580 Paoli Pike, West Chester, PA 19380
- Change: Solicitor: Gawthrop Greenwood, PC/ Robert F. Adams, Esq. - 17 East Gay Street, Suite 100, PO Box 562, West Chester, PA 19381-0562 Ph: (610) 696-8225
- Change: Auditor: Maillie, Falconiero & Company, LLP/ - C/O East Goshen Municipal Authority, 1580 Paoli Pike, West Chester, PA 19380 Ph: (610) 696-4353
- Change: Construct Engineer: Pennoni Associates/ Evan R. Andrews, PE - One Drexel Plaza, 3001 Market Street, 2nd Floor, Philadelphia, PA 19104 Ph: (215) 222-3000, Ext. 3345
- Change: Chair: Joseph M. McCawley, Jr. - 1621 Eldridge Drive, West Chester, PA 19380
- Change: Vice Chair: Dana Pizarro - 1602 Ivy Lane, West Chester, PA 19380
- Change: Treasurer: Jack Yahraes - 911 Vista Drive, West Chester, PA 19380
- Change: Asst/Sect Treas: Kevin Cummings - 1606 Williams Way, West Chester, PA 19380
- Change: Secretary: Francis X. Beck, Jr. - 1225 Foxglove Lane, West Chester, PA 19380

Pennsylvania Municipal Authorities Association

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Wormleysburg, PA 17043

Tel: (717) 737-7655

Fax: (717) 737-8431

Email: Info@MunicipalAuthorities.org

East Goshen Municipal Authority

ID: 212

OPTIONAL EMAIL ADDRESSES FOR BOARD MEMBERS and ASSOCIATES

To allow more timely contact of our members on time sensitive issues and information.

Manager: Louis F. Smith, Jr. - 1580 Paoli Pike, West Chester, PA 19380

Email Address: _____

Director or Public Works: Mark S. Miller - 1580 Paoli Pike, West Chester, PA 19380

Email Address: _____

Solicitor: Gawthrop Greenwood, PC/ Robert F. Adams, Esq. - 17 East Gay Street, Suite 100, PO Box 562, West Chester, PA 19381-0562 Ph: (610) 696-8225

Email Address: _____

Auditor: Maillie, Falconiero & Company, LLP/ - C/O East Goshen Municipal Authority, 1580 Paoli Pike, West Chester, PA 19380 Ph: (610) 696-4353

Email Address: _____

Construct Engineer: Pennoni Associates/ Evan R. Andrews, PE - One Drexel Plaza, 3001 Market Street, 2nd Floor, Philadelphia, PA 19104 Ph: (215) 222-3000, Ext. 3345

Email Address: _____

Chair: Joseph M. McCawley, Jr. - 1621 Eldridge Drive, West Chester, PA 19380

Email Address: _____

Vice Chair: Dana Pizarro - 1602 Ivy Lane, West Chester, PA 19380

Email Address: _____

Treasurer: Jack Yahraes - 911 Vista Drive, West Chester, PA 19380

Email Address: _____

Asst/Sect Treas: Kevin Cummings - 1606 Williams Way, West Chester, PA 19380

Email Address: _____

Secretary: Francis X. Beck, Jr. - 1225 Foxglove Lane, West Chester, PA 19380

Email Address: _____