

EAST GOSHEN MUNICIPAL AUTHORITY

Meeting has been cancelled this month

September 14, 2015

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. SEWER REPORTS
 - a. Director of Public Works Report
 - b. Pennoni Engineer's Report
 - c. Big Fish Environmental Inc. Report with DMR's July and August
 - d. East Goshen Township Flows
3. APPROVAL OF MINUTES
 - a. August 10, 2015
4. APPROVAL OF INVOICES

a. Pennoni	Invoice #650758	\$ 316.25
b. Pennoni	Invoice #650759	\$ 143.75
c. Pennoni	Invoice #650760	\$11,709.00
d. Gawthrop	Invoice #134498	\$ 300.00
5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. August 2015 Report
7. OLD BUSINESS
8. GOALS
 - a. Submit an article for each newsletter – Due date for newsletter
Need by 1/30/15 – Jack - **Completed**
Need by 5/1/15 – Dana - **Completed**
Need by 8/31/15 - Ed - **Completed**
Need by 10/30/15

- b. Obtain construction permits for the Reservoir Road Pump Station – December 31, 2015 2/6 – Test boring done, meeting with Mike to review preliminary site plan and discuss control options. 3/9 concept design completed, met with PA DEP. 5/11 stormwater perc test completed, scheduled to meet with CCCD on 5/21 6/8 Nothing unusual from our meeting with CCCD. Rick and Mark need to meet with WG to discuss control process. 6/22 WG is ok with proposed control process
- c. Attend West Goshen Meetings quarterly – more often if needed.
 - 1st Quarter – Jack - **Completed**
 - 2nd Quarter – Jack - **Completed**
 - 3rd Quarter - Ed - **Completed**
 - 4th Quarter
- d. Respond to capacity requests in 45 days or less.
- e. Continue to implement I & I Plan 5/11 meeting with Mike on 5/13 to review plan
- f. Operate RCSTP in compliance with NPDES Permit **February, April, May, June**

9. NEW BUSINESS

- a. Consider 2016 Proposed Municipal Authority Budget
- b. Reservoir Road Pump Station Letter

10. CAPACITY REQUESTS

11. ANY OTHER MATTER

12. CORRESPONDENCE AND REPORTS OF INTEREST

13. PUBLIC COMMENT

14. ADJOURNMENT

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

September 9, 2015

To: Municipal Authority
From: Mark Miller
Re: August 2015 Monthly Report

Meters: All meters were read on a daily basis there were no problems to report for the month. The meters have been installed and are up and running since August 5th 2015.

C.C. Collection: All pumping stations were visited on a routine basis.

We are still preparing Cooper Circle and Supplee Valley for road re-surfacing.

We fixed a lateral leak and a short storm drain in Supplee Valley.

R.C. Collection: Was visited on a routine basis.

R.C. Plant: Was visited on a routine basis with no problems to report.

Re-sale Inspections:

Alarms: We responded to 5 alarms for August.

PA One Calls: We received 21 PA One calls for August.



MEMORANDUM

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

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: September 10, 2015

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- No activity since the last report.

Reservoir Road Pump Station

- We completed an approximately 90% progress design plan submission that was submitted to the Township Codes and PW Departments for review.
- We met with the Township Codes Officer and Township Manager on September 2nd to present the progress design plans, obtain feedback on the stormwater management design concept, discuss general building code compliance for the control building, and determine floodplain permitting process and requirements.
- We have scheduled an internal review of the stormwater design for compliance with the EGT Stormwater Ordinance.
- We initiated a limited floodplain filling impact analysis to quantify any floodplain impacts, which has been determined to be necessary for local and DEP floodplain permitting.
- We coordinated with the DEP and Township on the permit application approach for the two PADEP GP-5 "Utility Line Stream Crossings" permits, one PADEP GP-8 "Temporary Road Crossings (across streams)" permit, and floodplain filling permit. We continued with preparation of these permit applications as well as the NPDES permit application.
- We submitted a PennDOT HOP application for soft dig test pits to locate petroleum and gas pipelines in and along N. Chester Road and Strasburg Road that are proposed to be crossed with the new force main. We received comments from PennDOT and submitted additional information to address the comments. We are expecting the permit to be issued within the next 2 weeks.

EGMA 1501

- The tentative schedule has been extended one month to allow time to address local and DEP floodplain filling permit requirements, including a limited H&H analysis:

Estimated Date

- Submit PADEP permit applications..... mid-October 2015
- Rt. 352 soft digs for utilities September-October 2015
- Submit PennDOT Highway Occupancy Permit application for proposed force main..... January 2016
- PADEP and PennDOT permit issuance mid-February 2016

Semi-Annual I&I Reports

- We received the first three weeks of portable meter data for the relocated and recalibrated meters. The data is currently under review.



Monthly Operations Report: July 2015

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during June 2015. Discharge to Applebrook continued during June. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical or operational issues were observed during operation of sludge dewatering equipment.

Treatment Process Operation

During June 2015, there were no exceedances of the final effluent discharge limitations for outfall 001. Additional TSS samples were collected each week. The total phosphorus monthly average concentration of 0.27 mg/L as compared to the permitted limitation of 0.50 mg/L. Table 1 illustrates the final effluent composite sample data reported for the June 2015 eDMR. During the month, the final effluent total phosphorus concentration discharged ranged from 0.10 mg/L to 0.39 mg/L. The aluminum sulfate daily average remained constant at 80.1 gpd.

Table 1

June 2015 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
June 2, 2015	0.220	5.0	9.2	10	18	1.010	1.85	0.23	0.42	1	0.0000
June 4, 2015	0.240			5	10						
June 9, 2015	0.207	3.3	5.7	8	14	1.270	2.19	0.39	0.67	3	0.4771
June 11, 2015	0.202			3	5						
June 16, 2015	0.190	2.0	3.2	7	11	0.406	0.64	0.10	0.16	1	0.0000
June 19, 2015	0.230			4	8						
June 23, 2015	0.238	4.4	8.7	8	16	0.237	0.47	0.28	0.56	6	0.7782
June 25, 2015	0.195			4	7						
June 30, 2015	0.228	2.2	4.2	6	11	1.070	2.03	0.36	0.68	3	0.4771
Average	0.217	3.4	6.2	6	11	0.799	1.44	0.27	0.50	2	0.3465
Minimum	0.190	2.0	3.2	3	5	0.237	0.47	0.10	0.16	1	0.0000
Maximum	0.240	5.0	9.2	10	18	1.270	2.19	0.39	0.68	6	0.7782



Discharge to Applebrook, Outfall 002, continued during June 2015. Table 1 illustrates the final effluent composite sample data reported for the June 2015 eDMR. There were exceedances of the permitted discharge limitations for Outfall 002.

Table 2

June 2015 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD₅		TSS		NH₄-N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
June 2, 2015	0.114	5.0	9.2	10.0	18.3	1.0	1.9	0.2	0.4	1.0	0.0
June 4, 2015	0.112			5.0	10.0						
June 9, 2015	0.106	3.3	5.7	8.0	13.8	1.3	2.2	0.4	0.7	3.0	0.5
June 11, 2015	0.121			3.0	5.1						
June 16, 2015	0.116	2.0	3.2	7.0	11.1	0.4	0.6	0.1	0.2	1.0	0.0
June 19, 2015	0.130			4.0	7.7						
June 23, 2015	0.124	4.4	8.7	8.0	15.9	0.2	0.5	0.3	0.6	6.0	0.8
June 25, 2015	0.124			4.0	6.5						
June 30, 2015	0.121	2.2	4.2	6.0	11.4	1.1	2.0	0.4	0.7	3.0	0.5
Average	0.1187	3.4	6.2	6	11.1	0.80	1.44	0.27	0.50	3	0.3465
Minimum	0.1058	2.0	3.2	3	5.1	0.24	0.470	0.10	0.16	1	0.0000
Maximum	0.1303	5.0	9.2	10	18.3	1.27	2.19	0.39	0.68	6	0.7782

Table 3 illustrates the influent wastewater pollutant loadings for June 20115. The influent loadings remained within the treatment facility design loadings.



Table 3

June 2015 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
June 2, 2015	0.369	311	957	236	726	49.0	151	64.4	198	8.5	26
June 9, 2015	0.382	382	1,176	454	1,398	25.9	80	44.9	143	4.7	14
June 16, 2015	0.364	129	397	122	376	51.1	157	69.2	210	6.6	20
June 23, 2015	0.421	130	400	209	643	34.2	105	57	200	5.3	16
June 30, 2015	0.405	210	646	160	493	36.7	113	41.0	138	3.9	12
Average	0.388	232	715	236	786	39.4	121	55.3	188	5.8	18
Minimum	0.364	129	397	122	376	25.9	80	41.0	143	3.9	12
Maximum	0.421	382	1176	454	1398	51.1	157	69.2	210	8.5	26

Table 4 presents the available Outfall 001 final effluent data for the month of July 2015. During July, the presence of foam conditions on the surface of the SBRs remained at less than 10% of the surface area. This is attributed to increasing the F:M ratio and increased biological activity resulting in part from the increasing MLSS water temperatures.

During July, there were no exceedances of the permitted limitations for Outfalls 001 and 002. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.



Table 4

July 2015 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD₅		TSS		NH₄-N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 2, 2015	0.204			5	8.5						
July 7, 2015	0.196	2.0	3.3	5	8.2	0.100	0.16	0.34	0.56	14	1.1461
July 10, 2015	0.225			5	9.4						
July 14, 2015	0.213	2.0	3.6	4	7.1	0.100	0.18	0.14	0.25	4	0.6021
July 17, 2015	0.244			4	8.1		0.00				
July 21, 2015	0.239	2.0	4.0	4	8.0	0.116	0.23	0.26	0.52	1	0.0000
July 24, 2015	0.168			3	4.2						
July 28, 2015	0.184	2.0	3.1	5	7.7	0.100	0.15	0.27	0.41	1	0.0000
Average	0.209	2.0	3.5	4	8	0.104	0.15	0.25	0.43	3	0.4370
Minimum	0.168	2.0	3.1	3	4	0.100	0.00	0.14	0.25	1	0.0000
Maximum	0.244	2.0	4.0	5	9	0.116	0.23	0.34	0.56	14	1.1461

During July 2015, discharge of treated effluent to Applebrook. Table 5 illustrates the available data for outfall 002.

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations and loadings. Composite samples are collected at the influent doghouse manhole and influent wet well. The influent flow meter reading is collected from the influent flow meter located prior to the Screening Building, excluding the internal recycle flows.



Table 5

July 2015 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 2, 2015	0.123			5.0	5.1						
July 7, 2015	0.121	2.0	2.0	5.0	5.1	0.100	0.1	0.34	0.3	14	1.1
July 10, 2015	0.134			5.0	5.6						
July 14, 2015	0.121	2.0	2.0	4.0	4.0	0.100	0.1	0.14	0.1	4	0.6
July 17, 2015	0.137			4.0	4.6						
July 21, 2015	0.115	2.0	1.9	4.0	3.8	0.116	0.1	0.26	0.3	1	0.0
July 24, 2015	0.107			3.0	2.7						
July 28, 2015	0.123	2.0	2.1	5.0	5.1	0.100	0.1	0.27	0.3	1	0.0
Average	0.1227	2.0	2.0	4	4.5	0.10	0.10	0.25	0.25	5	0.4370
Minimum	0.1071	2.0	1.9	3	2.7	0.10	0.101	0.14	0.14	1	0.0000
Maximum	0.1365	2.0	2.1	5	5.6	0.12	0.11	0.34	0.34	14	1.1461

Table 6 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during July 2015.

Table 6

July 2015 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
	Sample Date										
June 2, 2015	0.369	311	957	236	726	49.0	151	64.4	198	8.5	26
June 9, 2015	0.382	382	1,176	454	1,398	25.9	80	44.9	143	4.7	14
June 16, 2015	0.364	129	397	122	376	51.1	157	69.2	210	6.6	20
June 23, 2015	0.421	130	400	209	643	34.2	105	57	200	5.3	16
June 30, 2015	0.405	210	646	160	493	36.7	113	41.0	138	3.9	12
Average	0.388	232	715	236	786	39.4	121	55.3	188	5.8	18
Minimum	0.364	129	397	122	376	25.9	80	41.0	143	3.9	12
Maximum	0.421	382	1176	454	1398	51.1	157	69.2	210	8.5	26



Monthly Operations Report: August 2015

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during July 2015. Discharge to Applebrook continued during July and August. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical or operational issues were observed during operation of sludge dewatering equipment.

Treatment Process Operation

During July 2015, there were no exceedances of the final effluent discharge limitations for outfall 001. Additional TSS samples were collected each week. The total phosphorus monthly average concentration of 0.27 mg/L as compared to the permitted limitation of 0.50 mg/L. Table 1 illustrates the final effluent composite sample data reported for the July 2015 eDMR. During the month, the final effluent total phosphorus concentration discharged ranged from 0.10 mg/L to 0.39 mg/L. The aluminum sulfate daily average slightly increased remained constant at 80.2 gpd.

Table 1

July 2015 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 2, 2015	0.204			5	8.5						
July 7, 2015	0.196	2.0	3.3	5	8.2	0.100	0.16	0.34	0.56	14	1.1461
July 10, 2015	0.225			5	9.4						
July 14, 2015	0.213	2.0	3.6	4	7.1	0.100	0.18	0.14	0.25	4	0.6021
July 17, 2015	0.244			4	8.1		0.00				
July 21, 2015	0.239	2.0	4.0	4	8.0	0.116	0.23	0.26	0.52	1	0.0000
July 24, 2015	0.168			3	4.2						
July 28, 2015	0.184	2.0	3.1	5	7.7	0.100	0.15	0.27	0.41	1	0.0000
Average	0.209	2.0	3.5	4	8	0.104	0.15	0.25	0.43	3	0.4370
Minimum	0.168	2.0	3.1	3	4	0.100	0.00	0.14	0.25	1	0.0000
Maximum	0.244	2.0	4.0	5	9	0.116	0.23	0.34	0.56	14	1.1461



Discharge to Applebrook, Outfall 002, continued during July 2015. Table 1 illustrates the final effluent composite sample data reported for the July 2015 eDMR. There were exceedances of the permitted discharge limitations for Outfall 002.

Table 2

July 2015 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 2, 2015	0.123			5.0	5.1						
July 7, 2015	0.121	2.0	2.0	5.0	5.1	0.100	0.1	0.34	0.3	14	1.1
July 10, 2015	0.134			5.0	5.6						
July 14, 2015	0.121	2.0	2.0	4.0	4.0	0.100	0.1	0.14	0.1	4	0.6
July 17, 2015	0.137			4.0	4.6						
July 21, 2015	0.115	2.0	1.9	4.0	3.8	0.116	0.1	0.26	0.3	1	0.0
July 24, 2015	0.107			3.0	2.7						
July 28, 2015	0.123	2.0	2.1	5.0	5.1	0.100	0.1	0.27	0.3	1	0.0
Average	0.1227	2.0	2.0	4	4.5	0.10	0.10	0.25	0.25	5	0.4370
Minimum	0.1071	2.0	1.9	3	2.7	0.10	0.101	0.14	0.14	1	0.0000
Maximum	0.1365	2.0	2.1	5	5.6	0.12	0.11	0.34	0.34	14	1.1461

Table 3 illustrates the influent wastewater pollutant loadings for July 20115. The influent loadings remained within the treatment facility design loadings.



Table 3

July 2015 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
June 2, 2015	0.369	311	957	236	726	49.0	151	64.4	198	8.5	26
June 9, 2015	0.382	382	1,176	454	1,398	25.9	80	44.9	143	4.7	14
June 16, 2015	0.364	129	397	122	376	51.1	157	69.2	210	6.6	20
June 23, 2015	0.421	130	400	209	643	34.2	105	57	200	5.3	16
June 30, 2015	0.405	210	646	160	493	36.7	113	41.0	138	3.9	12
Average	0.388	232	715	236	786	39.4	121	55.3	188	5.8	18
Minimum	0.364	129	397	122	376	25.9	80	41.0	143	3.9	12
Maximum	0.421	382	1176	454	1398	51.1	157	69.2	210	8.5	26

Table 4 presents the available Outfall 001 final effluent data for the month of August 2015. During August, the presence of foam conditions on the surface of the SBRs remained at less than 5% of the surface area. This is attributed to increasing the F:M ratio and increased biological activity resulting in part from the increasing MLSS water temperatures.

During August, there were no exceedances of the permitted limitations for Outfalls 001 and 002. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.



Table 4

August 2015 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
August 4, 2015	0.180	2.0	3.0	4	6	0.100	0.15		0.00	1	0.0000
August 7, 2015	0.161			3	4						
August 11, 2015	0.191	2.0	3.2	4	6	0.100	0.16	0.24	0.38	1	0.0000
August 14, 2015	0.163			3	4						
August 18, 2015	0.154	2.0	2.6	5	6	0.143	0.18	0.33	0.42	1	0.0000
August 25, 2015	0.152			3	4						
August 27, 2015	0.142	2.0	2.4	4	5	0.145	0.17	0.21	0.25	1	0.0000
Average	0.163	2.0	2.8	4	5	0.122	0.17	0.26	0.26	1	0.0000
Minimum	0.142	2.0	2.4	3	4	0.100	0.15	0.21	0.00	1	0.0000
Maximum	0.191	2.0	3.2	5	6	0.145	0.18	0.33	0.42	1	0.0000

During August 2015, discharge of treated effluent to Applebrook. Table 5 illustrates the available data for outfall 002.

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations and loadings. Composite samples are collected at the influent doghouse manhole and influent wet well. The influent flow meter reading is collected from the influent flow meter located prior to the Screening Building, excluding the internal recycle flows.



Table 5

August 2015 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
August 4, 2015	0.103	2.0	3.0	4.0	6.0	0.1	0.2	0.0	0.0	1.0	0.0
August 7, 2015	0.114			3.0	4.0						
August 11, 2015	0.132	2.0	3.2	4.0	6.4	0.1	0.2	0.2	0.4	1.0	0.0
August 14, 2015	0.121			3.0	4.1						
August 18, 2015	0.136	2.0	2.6	5.0	6.4	0.1	0.2	0.3	0.4	1.0	0.0
August 25, 2015	0.128			3.0	3.8						
August 27, 2015	0.104	2.0	2.4	4.0	4.7	0.1	0.2	0.2	0.2	1.0	0.0
Average	0.1196	2.0	2.8	4	5.1	0.12	0.17	0.20	0.26	1	0.0000
Minimum	0.1029	2.0	2.4	3	3.8	0.10	0.150	0.00	0.00	1	0.0000
Maximum	0.1359	2.0	3.2	5	6.4	0.15	0.18	0.33	0.42	1	0.0000

Table 6 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during August 2015.

Table 6

August 2015 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
	Sample Date										
August 4, 2015	0.230	254	487	234	449	37.4	72	50.1	96	6	12
August 11, 2015	0.341	195	374	188	361	36.9	71	57	162	4.7	9
August 18, 2015	0.286	134	257	66	127	37.7	72	48.2	115	4.4	8
August 25, 2015	0.325	273	524	198	380	37.4	72	55.4	150	5.9	11
Average	0.296	214	410	172	329	37.4	72	52.7	131	5.3	10
Minimum	0.230	134	257	66	127	36.9	71	48.2	96	4.4	8
Maximum	0.341	273	524	234	449	37.7	72	57.0	162	6.0	12



Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during June and July. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Daily analysis of the final effluent flow equalization grab sample is total phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at the influent pump station wet well is ongoing.

Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued. The volume of aluminum sulfate solution to the SBRs slightly increased to 83.5 gpd. Soda ash daily addition increased from 468 lbs. /day to 481 lbs. /day. Soda ash assists towards maintaining SBR pH concentrations above 7.0 standard units and assists to replenish alkalinity consumed during the nitrification process and aluminum sulfate solution addition.

SBR No. 2 remains out of service as a treatment unit. Minor repairs will be scheduled as weather conditions permit.

Solids Dewatering and Disposal: August 2015

Sludge Dewatering Summary	
Gallons of sludge dewatered	253,525
Average Dewatered Total Solids, %	NA
Wet Tons	NA
Dry Tons	NA
Number of dumpsters	4

**fourteen (14) days of centrifuge operation*

Flow data:

August 2015			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	10.208	329,292	464,900
Influent Wastewater to SBRs	11.748	378,963	505,728
Internal Recycle	1.540	49,671	107,650
Treated Effluent to Disc Filters	11.147	359,589	458,688
Final Effluent Discharge	5.392	173,935	225,000
Applebrook Golf Course	3.444	111,084	135,856

**Chemical Usage:**

August 2015		
Chemical	Daily Average	Total Monthly
Soda Ash	481	14,300
Aluminum Sulfate solution	83.5	2,506
Polymer (centrifuge)	0.84	11.76

**fourteen (14) days of centrifuge operation*

During August, sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.

Sludge holding tank No. 1 was in service. The level at the beginning of August was 11.59 feet and the level at the end of the month was 9.75 feet. The average pH concentration was 6.26 S.U. and average total alkalinity concentration was 81 mg/L. Zero gallons of supernatant were decanted during the month. A total of 850 pounds of soda ash were added.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 6.56 feet and the level at the end was 13.00. The average pH concentration was 6.28 S.U. and average total alkalinity concentration was 118 mg/L. 450 pounds of soda ash were added. Zero gallons of supernatant were decanted.

Significant Storm/Hydraulic Loading Events

During August, there were two (2) storm events resulting in daily precipitation amounts greater than 0.5 inches measured during a 24 hour period. These events occurred on August 10th and 20th with precipitation volumes recorded as 0.53 and 0.55 inches, respectively. A total of 1.25 inches of rainfall was measured at the facility during August. Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfalls 001 and 002.

Minor Repairs and Preventative Maintenance

No unscheduled minor repairs or equipment failures were experienced during August.

[illegible][illegible]

[illegible]

2015 SUMMARY OF METER READINGS

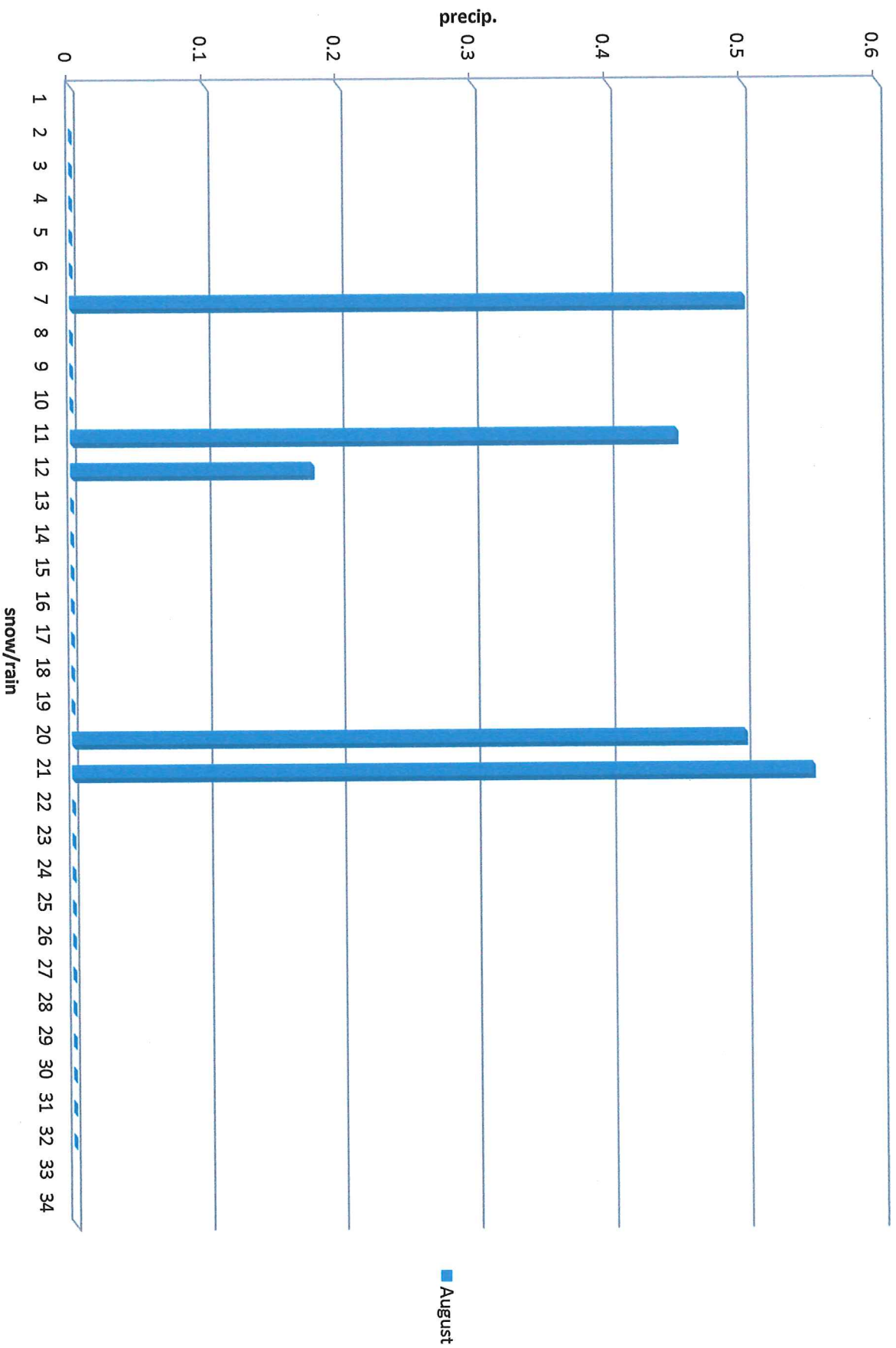
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	BARKWAY
JANUARY	1,037,476	93,837	60,552	66,143	24,000	64,460	60,156	251,166	706,594	11,242
FEBRUARY	1,023,411	90,015	59,017	64,695	24,000	69,673	64,656	265,565	683,531	11,872
MARCH	1,212,666	123,312	70,912	70,480	24,000	94,740	81,101	300,634	836,728	12,978
APRIL	1,035,131	96,381	64,670	58,196	24,000	73,758	69,102	255,415	687,609	9,616
MAY	950,383	83,945	62,532	56,242	24,000	64,613	64,751	238,820	640,954	9,901
JUNE	973,259	88,786	70,960	87,499	24,000	61,541	64,699	270,354	681,599	10,009
JULY	936,889	87,530	49,868	83,662	24,000	61,627	61,876	248,890	653,268	9,436
AUGUST	865,647	71,847	42,991	77,279	24,000	54,843	56,622	239,822	610,457	9,009
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
Total Flows										
Monthly Ave	1,004,358	91,957	60,188	70,525	24,000	68,157	65,370	258,833	687,593	10,508

To
West Goshen 781,689

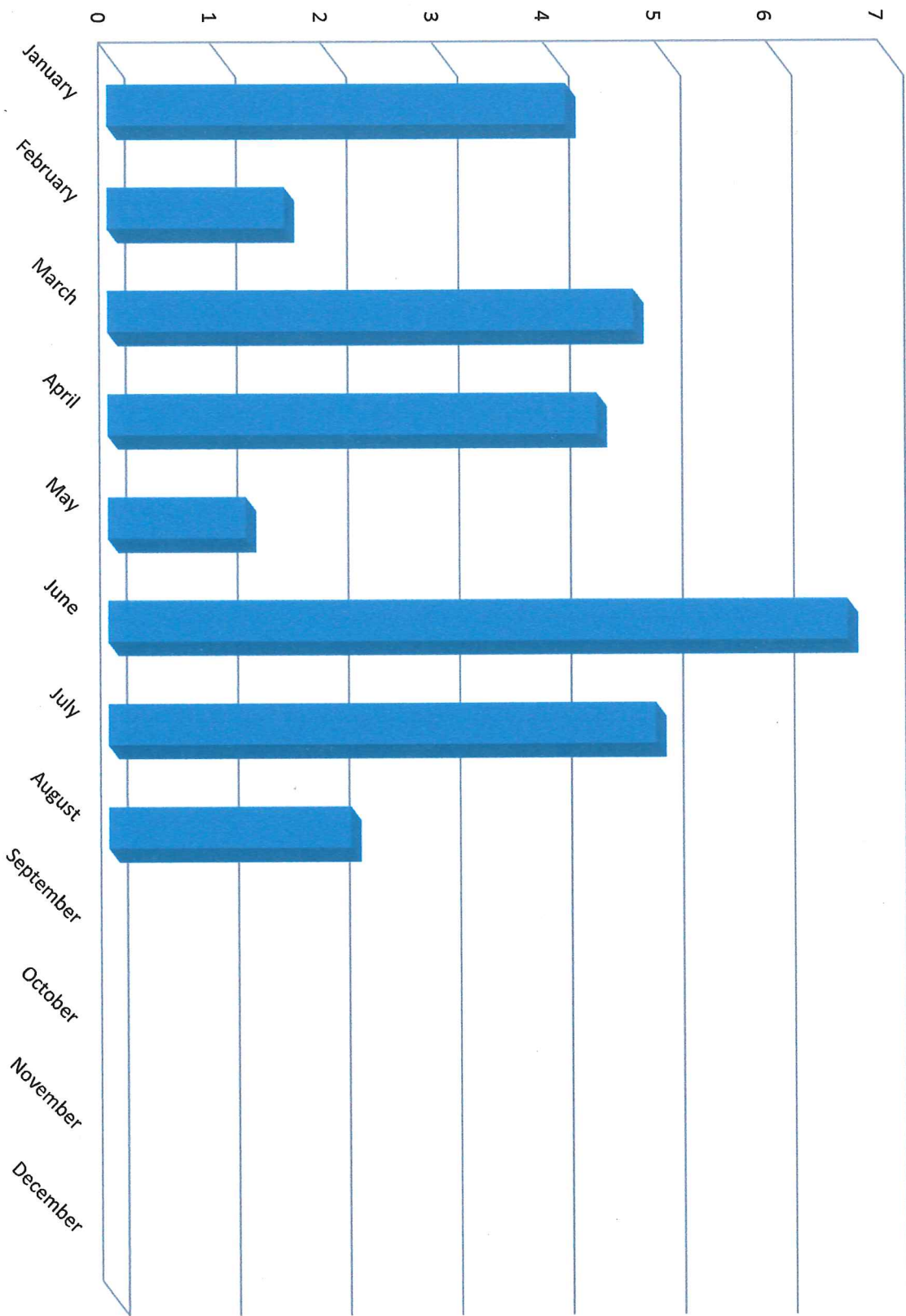
2015 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT
JANUARY	1,037,476	93,837	60,552	66,143	24,000
FEBRUARY	1,023,411	90,015	59,017	64,695	24,000
MARCH	1,212,666	123,312	70,912	70,480	24,000
APRIL	1,035,131	96,381	64,670	58,196	24,000
MAY	950,383	83,945	62,532	56,242	24,000
JUNE	973,259	88,786	70,960	87,499	24,000
JULY	936,889	87,530	49,868	83,662	24,000
AUGUST	865,647	71,847	42,991	77,279	24,000
SEPTEMBER					
OCTOBER					
NOVEMBER					
DECEMBER					
Total Flows					
Monthly Ave	1,004,358	91,957	60,188	70,525	24,000

August Precip. 2.18 - 2015

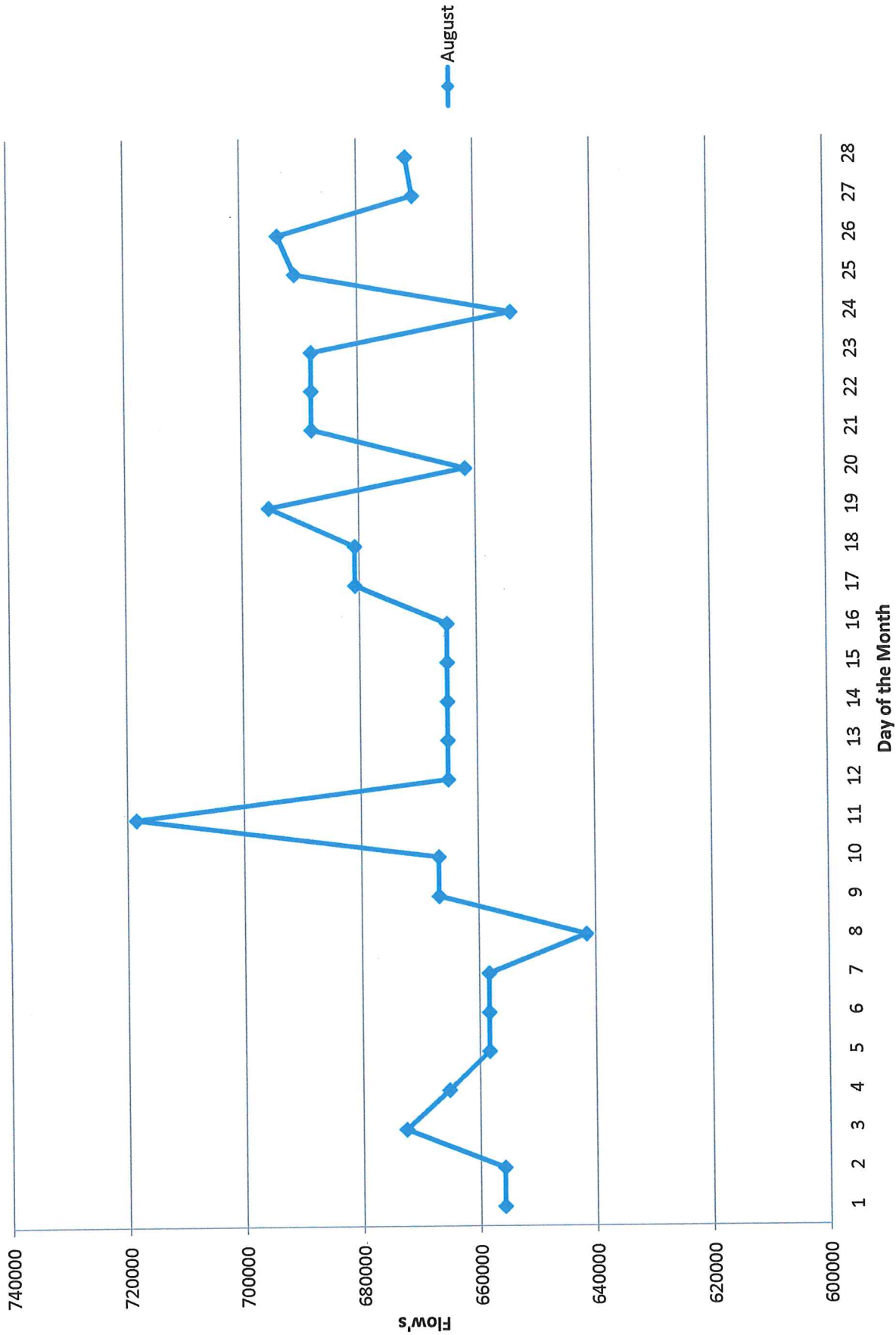


2015 Monthly Precipitation

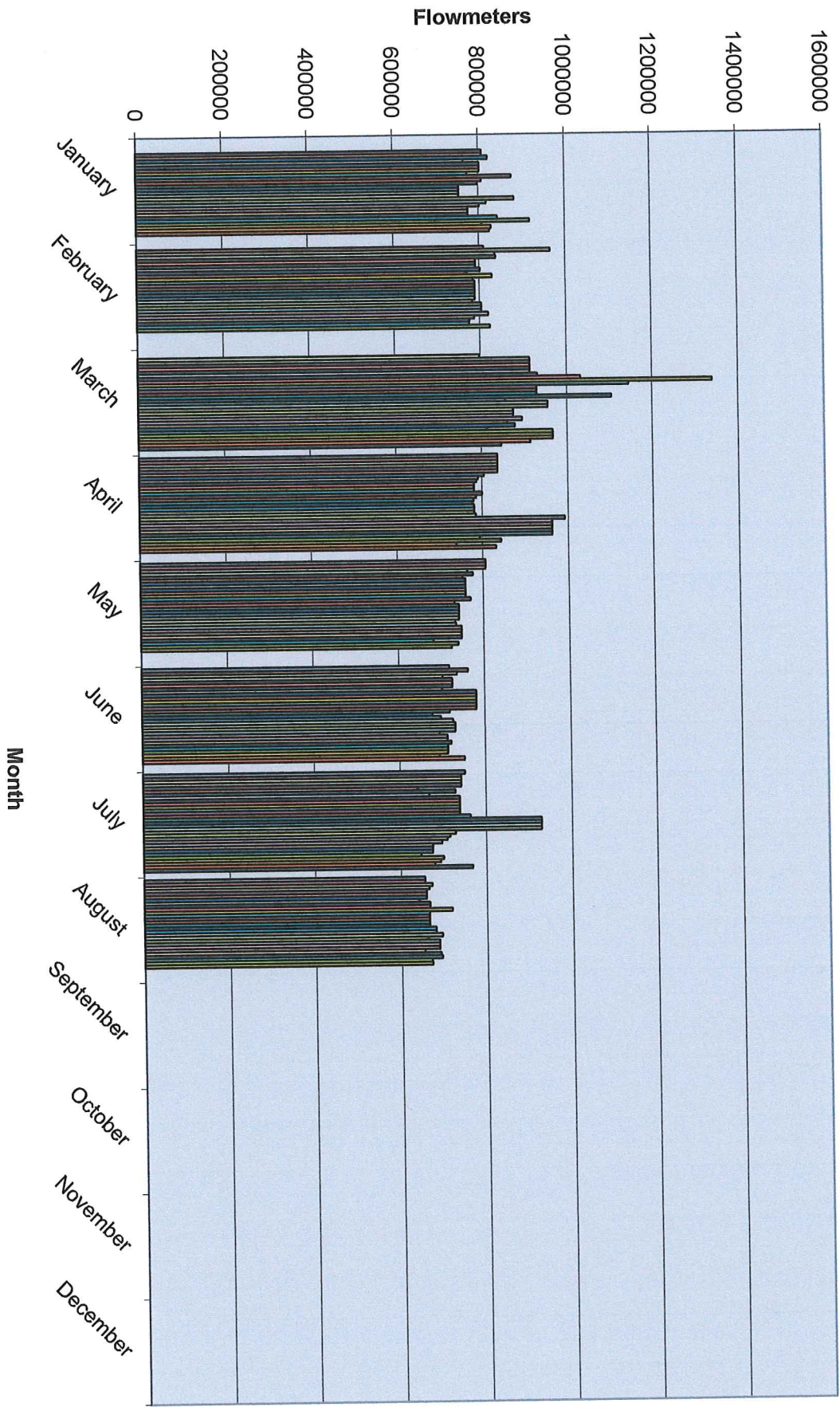


■ Series1

Flowmeters August 2015



Monthly Totals 2015 Jan-Dec



Draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 10, 2015

The East Goshen Township Municipal Authority held their regular public meeting on Monday, August 10, 2015 at 7:00 pm at the East Goshen Township building. Members in attendance were: Jack Yahraes, Fran Beck, Dana Pizzaro and Ed McAssey. Also in attendance were: Rick Smith (Township Manager), Mike Ellis (Pennoni), and Pat McKenna (Attorney).

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PM – Prevention Maintenance</i>
<i>EPA – Environmental protection Agency</i>	<i>PR – Park & Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&I – Inflow & Infiltration</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>SSO – Sanitary System Overflow</i>
	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops and all veterans. Jack asked if anyone would be recording the meeting and there was no response.

Chairman's Report/Other Members' Reports

Jack reported that he attended the West Goshen meeting and they discussed the recent SSO in West Goshen. He also noted that long-time resident and former Historic Commission member Ben Rohrbeck had passed away over the weekend.

Sewer Reports

1. Director of Public Works

The Public Works Department is getting Cooper Circle and Supplee Valley ready for resurfacing.

2. Pennoni Engineer's Report

Mike Ellis provided the following report:

Invoices:

Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP):

No activity since the last report.

Reservoir Rd Pump Station:

Continuing with final design. Soft digs will be scheduled to locate the oil and gas pipelines.

3. Big Fish Environmental Services – We did not receive Scott's Report. Rick will contact Scott and distribute report upon receipt.

1
2 **Approval of Minutes**

3 Fran moved to accept the minutes of July 13, 2015 as presented. Jack seconded the motion. The
4 motion passed unanimously.
5

6 **Approval of Invoices**

7 1. Ed moved to approve payment of the following Pennoni invoices:

- 8 a. Pennoni #646590 \$ 373.75
9 b. Pennoni #646591 \$ 4,715.25

10 Fran seconded the motion. The motion passed unanimously.
11

12 2. Jack moved to approve payment of the Maillie invoice #10000046810 in the amount of
13 \$8,900. Fran seconded the motion. The motion passed unanimously.
14

15 **Liaison Reports**

16 Rick advised that the final Comp Plan Task Force meeting would be held on August 17 and that
17 it was expected that the Comp Plan would be adopted in October.
18

19 **Financial Reports**

20 Jon Altshul provided the following report: In July, the Municipal Authority recorded \$20,130 in
21 revenues (include a \$10,000 transfer from sewer operating and \$22,043 in expenses) for a
22 negative variance of -\$1,912. As of July 31st, the fund balance was \$1,537,461, of which
23 \$1,488,448 is in the construction account.
24

25 **Goals**

26 None
27

28 **New Business**

29 Rick reported that there may be a future connection for a new lot on Manley Road.
30

31 **Adjournment**

32 There being no further business, Jack moved to adjourn the meeting. Ed seconded the motion.
33 The motion passed unanimously. The meeting was adjourned at 7:24 pm.
34

35 Respectfully submitted,
36
37

38 Rick Smith
39 Township Manager



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 # : 650758
Invoice Date : 08/26/2015
Project : EGMA1501
Project Name : 2015 General Services

For Services Rendered through: 8/16/2015

Prepared August Engineer's Report, prepared for and attended August MA meeting, and coordinated with Township Manager on Hershey's Mill PS Diversion and Marydell PS Diversion warranty inspections.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	316.25
Expense :	0.00
Phase Total :	316.25

Amount Due This Invoice

\$316.25

Fee :	12,000.00
Prior Billings :	8,300.25
Current Billings :	316.25
Total Billings :	8,616.50

Phase : **** -- Professional Services

Labor

Class

Authority Engineer

Labor Total:

Hours/ Units	Rate
2.75	115.00
2.75	

Amount
316.25
316.25

Total Phase : **** -- Professional Services

Labor :	\$316.25
Expense :	\$0.00

Total Project : EGMA1501 -- 2015 General Services

Labor :	\$316.25
Expense :	\$0.00

ok RS 8/28

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

East Goshen Municipal Authority
EGMA1501 Invoice Summary
Invoice Date 08/26/2015

Project:	EGMA1501		
Pennoni Job No.:	2015 General Services		
Invoice No:	650758		
Invoice Period:	7/20/2015	to	8/16/2015
Initial Authorization:	\$ 12,000.00	Date:	8/26/2015
Contract Amount:	\$ 12,000.00		
Previously Invoiced:	\$ 8,300.25		
Current Invoice:	\$ 316.25		
Invoiced to Date (\$):	\$ 8,616.50		
Invoiced to Date (%):	72%		
Remaining Budget (\$):	\$ 3,383.50		
Remaining Budget (%):	28%		

Budget by Phase:

	2015 General
Phase Name:	Services
Phase Budget:	\$ 12,000.00
Previously Invoiced:	\$ 8,300.25
Current Invoice:	\$ 316.25
Invoiced to Date (\$):	\$ 8,616.50
Invoiced to Date (%):	72%
Remaining Budget (\$):	\$ 3,383.50
Remaining Budget (%):	28%

Comments: Prepared August Engineer's Report, prepared for and attended August MA meeting, and coordinated with Township Manager on Hershey's Mill PS Diversion and Marydell PS Diversion warranty inspections.



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 # : 650759
Invoice Date : 08/26/2015
Project : EGMA1502
Project Name : 2015 Semi-Annual I&I Reports

For Services Rendered through: 8/16/2015

Evaluated and recommended portable meter manhole locations to PW Dept to monitor West Goshen Twp commercial flows.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 143.75
Expense : 0.00
Phase Total : 143.75

Amount Due This Invoice

143.75

Fee : 10,500.00
Prior Billings : 6,822.50
Current Billings : 143.75
Total Billings : 6,966.25

Phase : **** -- Professional Services

Labor

Class

Authority Engineer

Labor Total:

Hours/

Units

Rate

1.25

115.00

1.25

Amount

143.75

143.75

Total Phase : **** -- Professional Services

Labor : \$143.75
Expense : \$0.00

Total Project : EGMA1502 -- 2015 Semi-Annual I&I Reports

Labor : \$143.75
Expense : \$0.00

ok RS 8/28

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

East Goshen Municipal Authority
EGMA1502 Invoice Summary
Invoice Date 08/26/2015

Project:	EGMA1502		
Pennonni Job No.:	2015 Semi-Annual I&I Reports		
Invoice No:	650759		
Invoice Period:	6/22/2015	to	8/16/2015
		Date:	8/26/2015
Initial Authorization:	\$	10,500.00	
Contract Amount:	\$	10,500.00	
Previously Invoiced:	\$	6,822.50	
Current Invoice:	\$	143.75	
Invoiced to Date (\$):	\$	6,966.25	
Invoiced to Date (%):		66%	
Remaining Budget (\$):	\$	3,533.75	
Remaining Budget (%):		34%	

Budget by Phase:

Phase Name:	2015 Semi-Annual I&I Reports		
Phase Budget:	\$	10,500.00	
Previously Invoiced:	\$	6,822.50	
Current Invoice:	\$	143.75	
Invoiced to Date (\$):	\$	6,966.25	
Invoiced to Date (%):		66%	
Remaining Budget (\$):	\$	3,533.75	
Remaining Budget (%):		34%	

Comments: Evaluated and recommended portable meter manhole locations to PW Dept to monitor West Goshen Twp commercial flows.



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 # : 650760
Invoice Date : 08/26/2015
Project : EGMA1504
Project Name : Reservoir Rd PS Design &
Permitting

For Services Rendered through: 8/16/2015

Phase 11 - Continued with final design including electrical, building foundation, site grading, stormwater management calculations and BMP design, erosion and sediment controls, and stream crossing plans views, profiles, and details; continued preparation of bid document and specifications; and reviewed letter to West Goshen Twp memorializing pump station controls agreement with Township Manager.

Phase 12 - Continued with preparation of PADEP Part 2 Water Quality Management permit application and PADEP GP-5 "Utility Line Stream Crossings" and GP-8 "Temporary Road Crossings (across streams)" permit applications; prepared Act 14 notification letters; evaluated floodplain filling permit requirements; and prepared and submitted PennDOT HOP applications for pipeline soft dig test pits.

Phase : 11 -- Final Design

Total Phase : 11 -- Final Design

Labor :	9,583.25
Expense :	0.00
Phase Total :	9,583.25

Phase : 12 -- Permitting

Total Phase : 12 -- Permitting

Labor :	2,125.75
Expense :	0.00
Phase Total :	2,125.75

Amount Due This Invoice

\$11,709.00

Fee :	135,800.00
Prior Billings :	52,987.75
Current Billings :	11,709.00
Total Billings :	64,696.75

OKRS 8/28

Continued on next page...

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

...Continued from previous page

Phase : 11 -- Final Design

Labor	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
<u>Class</u>			
Authority Engineer	8.00	115.00	920.00
Senior Engineer	0.25	110.00	27.50
Project Engineer	23.75	97.00	2,303.75
Staff Engineer	2.50	90.00	225.00
Senior Enviromental Scientist	5.00	90.00	450.00
Associate Engineer	43.00	85.00	3,655.00
Graduate Engineer	4.00	77.00	308.00
Engineering Technician II	22.00	77.00	1,694.00
Labor Total:	108.50		9,583.25

Total Phase : 11 -- Final Design	Labor :	\$9,583.25
	Expense :	\$0.00

Phase : 12 -- Permitting

Labor	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
<u>Class</u>			
Authority Engineer	2.25	115.00	258.75
Project Engineer	9.50	97.00	921.50
Staff Engineer	0.50	90.00	45.00
Senior Enviromental Scientist	7.00	90.00	630.00
Associate Engineer	2.00	85.00	170.00
Engineering Technician I	1.50	67.00	100.50
Labor Total:	22.75		2,125.75

Total Phase : 12 -- Permitting	Labor :	\$2,125.75
	Expense :	\$0.00

Total Project : EGMA1504 -- Reservoir Rd PS Design & Permitting	Labor :	\$11,709.00
	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
EGMA1504 Invoice Summary
Invoice Date 08/26/2015

Project: EGMA1504
Pennoni Job No.: Reservoir Rd PS Design & Permitting
Invoice No: 650760
Invoice Period: 7/20/2015 to 8/16/2015
Date: 8/26/2015
Initial Authorization: \$ 167,120.00
Contract Amount: \$ 167,120.00
Previously Invoiced: \$ 74,935.50
Current Invoice: \$ 11,709.00
Invoiced to Date (\$): \$ 86,644.50
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 80,475.50
Remaining Budget (%): 48%

Budget by Phase:

Phase Name:	Final Design	Phase 11
Phase Budget:	\$ 47,400.00	
Previously Invoiced:	\$ 1,374.00	
Current Invoice:	\$ 9,583.25	
Invoiced to Date (\$):	\$ 10,957.25	
Invoiced to Date (%):	23%	
Remaining Budget (\$):	\$ 36,442.75	
Remaining Budget (%):	77%	

Comments: Phase 11 - Continued with final design including electrical, building foundation, site grading, stormwater management calculations and BMP design, erosion and sediment controls, and stream crossing plans views, profiles, and details; continued preparation of bid document and specifications; and reviewed letter to West Goshen Twp memorializing pump station controls agreement with Township Manager.

East Goshen Municipal Authority
EGMA1504 Invoice Summary
Invoice Date 08/26/2015

Project:	EGMA1504		
Pennoni Job No.:	Reservoir Rd PS Design & Permitting		
Invoice No:	650760		
Invoice Period:	7/20/2015	to	8/16/2015
Initial Authorization:	\$ 167,120.00	Date:	8/26/2015
Contract Amount:	\$ 167,120.00		
Previously Invoiced:	\$ 74,935.50		
Current Invoice:	\$ 11,709.00		
Invoiced to Date (\$):	\$ 86,644.50		
Invoiced to Date (%):	52%		
Remaining Budget (\$):	\$ 80,475.50		
Remaining Budget (%):	48%		

Budget by Phase:

Phase Name:	Permitting	Phase 12
Phase Budget:	\$ 15,800.00	
Previously Invoiced:	\$ 571.25	
Current Invoice:	\$ 2,125.75	
Invoiced to Date (\$):	\$ 2,697.00	
Invoiced to Date (%):	17%	
Remaining Budget (\$):	\$ 13,103.00	
Remaining Budget (%):	83%	

Comments: Phase 12 - Continued with preparation of PADEP Part 2 Water Quality Management permit application and PADEP GP-5 "Utility Line Stream Crossings" and GP-8 "Temporary Road Crossings (across streams)" permit applications; prepared Act 14 notification letters; evaluated floodplain filling permit requirements; and prepared and submitted PennDOT HOP applications for pipeline soft dig test pits.



Gawthrop Greenwood, PC
Attorneys at Law

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

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
08/10/2015
Client No: 6604-001R
Invoice No. 134498

General Authority Services

Fees

		Hours	
07/13/2015			
JKW	Review Agenda in preparation of meeting; Attend meeting.	1.50	
	For Current Services Rendered	1.50	300.00
Recapitulation			
<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>
Jessica K. Wiesak		1.50	\$200.00
			<u>Total</u>
			\$300.00
	Previous Balance		\$380.00
	Total Current Charges		300.00
07/20/2015	Payment		-380.00
	Balance Due		<u>\$300.00</u>

8-12-15
OK TO PAY PS

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

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA August Financial Reports
Date: September 3, 2015

In August, the Municipal Authority recorded \$130 in revenues and \$5,389 in expenses (including \$4,715 for Reservoir Road Pump Station engineering), for a negative variance of -\$5,259. As of August 31st, the fund balance was \$1,537,461, of which \$1,483,559 is in the main construction account.

A complete list of all year-to-date expenses and revenues is provided.

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
August 2015

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
---------------	--------	---------------	----------------------	---------------------

MUNICIPAL AUTHORITY BEGINNING FUND BALANCE **1,537,461.36**

RCSTP BUDGET

REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	1,600.00	128.91	1,020.05
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		1,600.00	128.91	1,020.05

EXPENSES				
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00
R.C. CAP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00
TRANSFER TO SEWER SINKING FUND	07492 0550	0.00	0.00	0.00
TRANSFER TO AUTHORITY CAP FUND	07492 0990	0.00	0.00	0.00
TOTAL EXPENSES		0.00	0.00	0.00
RCSTP NET RESULT		1,600.00	128.91	1,020.05

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
August 2015

Account Title
OPERATING BUDGET

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
REVENUE				
INTEREST EARNINGS	07341 1000	15.00	0.64	6.84
C.C. TAPPING FEES	07364 1100	0.00	0.00	6,000.00
R.C.TAPPING FEES	07364 1110	14,296.00	0.00	14,296.00
CONNECTION FEES - SEWER	07364 1130	0.00	0.00	1,268.64
MISCELLANEOUS REVENUE	07380 1000	0.00	0.00	423.36
TRANSFER FROM SEWER OPERATING	07392 0500	105,105.00	0.00	20,000.00
TOTAL REVENUE		119,416.00	0.64	41,994.84

EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	33,323.00	0.00	16,584.20
MISCELLANEOUS EXPENSE	07424 3000	3,000.00	0.00	1,468.05
MUNIC.AUTH.-AUDITING	07424 3110	10,984.00	0.00	8,900.00
ENGINEERING SERVICES	07424 3130	37,300.00	373.75	31,512.00
LEGAL SERVICES	07424 3140	9,000.00	300.00	2,680.00
M.C.-DVRFA-DEBT SERVICE	07471 1000	23,240.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1000	4,169.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1010	0.00	0.00	0.00
TOTAL EXPENSES		121,016.00	673.75	61,144.25
OPERATING NET RESULT		(1,600.00)	(673.11)	(19,149.41)

CAPITAL BUDGET

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
August 2015

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
REVENUE				
DCED GRANT	07354 0400	0.00	0.00	37,162.00
LOAN PROCEEDS-SEWER PROJECT	07393 1001	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	0.00	0.00	0.00
TOTAL REVENUE		0.00	0.00	37,162.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	0.00	0.00	0.00
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	0.00	0.00	0.00
MANHOLE COVER REPLACEMENTS	07424.7405	0.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424.7420	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	0.00	0.00
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	0.00	0.00	0.00
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	0.00
HERSHEY MILL STATION - ENGINEER	07426 1000	0.00	0.00	0.00
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	0.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	0.00	0.00	0.00
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	0.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	100,000.00	4,715.25	76,007.25
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		100,000.00	4,715.25	76,007.25
CAPITAL NET RESULT		(100,000.00)	(4,715.25)	(38,845.25)

MUNICIPAL AUTHORITY ENDING FUND BALANCE **1,532,201.91**

Report Date 09/02/15

MGRP18 run by BRIAN

3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000		INTEREST EARNINGS			0.00				
		1501 JE 46156		1.44		02/03/15	INTEREST		INTEREST EARNED JANUARY 2015 07 FUND
1501			0.00	1.44	-1.44				
1502		46526		1.17		03/02/15	INTEREST		INTEREST EARNED FEBRUARY 2015 07 FUND
1502			0.00	1.17	-2.61				
1503		46944		1.03		04/02/15	INTEREST		INTEREST EARNED MARCH 2015 07 FUND
1503			0.00	1.03	-3.64				
1504		47407		0.61		05/04/15	INTEREST		INTEREST EARNED APRIL 2015 07 FUND
1504			0.00	0.61	-4.25				
1505		47825		0.75		06/01/15	INTEREST		INTEREST EARNED MAY 2015 07 FUND
1505			0.00	0.75	-5.00				
1506		48334		0.64		07/02/15	INTEREST		INTEREST EARNED JUNE 2015 07 FUND
1506			0.00	0.64	-5.64				
1507		48782		0.56		08/03/15	INTEREST		INTEREST EARNED JULY 2015 07 FUND
1507			0.00	0.56	-6.20				
1508		49202		0.64		09/01/15	INTEREST		INTEREST EARNED AUGUST 2015 07 FUND
1508			0.00	0.64	-6.84				
07341-1000	****	*** *****	0.00	6.84	-6.84				

Report Date 09/02/15

GL Transaction Details

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1020	INTEREST EARNED - RCSTP EXPANSION				0.00				
1501	46156			131.97		02/03/15	INTEREST		INTEREST EARNED JANUARY 2015 07 FUND
1501			0.00	131.97	-131.97				
1502	46526			119.08		03/02/15	INTEREST		INTEREST EARNED FEBRUARY 2015 07 FUND
1502			0.00	119.08	-251.05				
1503	46944			131.27		04/02/15	INTEREST		INTEREST EARNED MARCH 2015 07 FUND
1503			0.00	131.27	-382.32				
1504	47407			125.90		05/04/15	INTEREST		INTEREST EARNED APRIL 2015 07 FUND
1504			0.00	125.90	-508.22				
1505	47825			128.37		06/01/15	INTEREST		INTEREST EARNED MAY 2015 07 FUND
1505			0.00	128.37	-636.59				
1506	48334			124.75		07/02/15	INTEREST		INTEREST EARNED JUNE 2015 07 FUND
1506			0.00	124.75	-761.34				
1507	48782			129.80		08/03/15	INTEREST		INTEREST EARNED JULY 2015 07 FUND
1507			0.00	129.80	-891.14				
1508	49202			128.91		09/01/15	INTEREST		INTEREST EARNED AUGUST 2015 07 FUND
1508			0.00	128.91	-1,020.05				
07341-1020	**** **		0.00	1,020.05	-1,020.05				

Report Date 09/02/15

GL Transaction Details

PAGE 3

MGRP18 run by BRIAN

3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07354-0400	DCED GRANT				0.00				
	1506 RE	48107		37,162.00		06/17/15	48107 1		GRANT - RESERVOIR RD PUMP STA
	1506		0.00	37,162.00	-37,162.00				
07354-0400	****	*** *****	0.00	37,162.00	-37,162.00				
07364-1100	C.C. TAPPING FEES				0.00				
	1505	47736		2,000.00		05/27/15	47736 1		TAP IN FEE - 1334 A PARK AVE
	1505		0.00	2,000.00	-2,000.00				
	1506	47853		2,000.00		06/03/15	47853 1		TAP-IN FEE FOR 1414 BRAMBLE LN
		47991		2,000.00		06/10/15	47991 1		TAP IN FEE FOR 14 RESERVOIR RD
	1506		0.00	4,000.00	-6,000.00				
07364-1100	****	*** *****	0.00	6,000.00	-6,000.00				
07364-1110	R.C. TAPPING FEES				0.00				
	1504 CR	47236		7,148.00		04/21/15	1123	7875	1 SUNNY RIDGE FARMS LLC
		47278		7,148.00		04/23/15	1128	7875	1 SUNNY RIDGE FARMS LLC
	1504		0.00	14,296.00	-14,296.00				
07364-1110	****	*** *****	0.00	14,296.00	-14,296.00				
07364-1130	CONNECTION FEES - SEWER				0.00				
	1501	45967		423.00		01/16/15	789	8648	1 GEORGE SMITH & CHRISTINA CONLE
	JE	45968	141.12			01/16/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1501		141.12	423.00	-281.88				
	1502 CR	46296		423.00		02/13/15	248	8650	1 JACOBS, ROBERT & CHERYL
		46479		423.00		02/26/15	2381	8649	1 STOFFLET, MICHAEL
	JE	46297	141.12			02/13/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		46480	141.12			02/26/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1502		282.24	846.00	-845.64				

Report Date 09/02/15

GL Transaction Details

PAGE 4

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07364-1130	1505	CR 47731		423.00		05/27/15	1124	8651 1	PAPPANO, JOSEPH & PATRICIA
	1505		0.00	423.00	-1,268.64				
07364-1130	****	*** *****	423.36	1,692.00	-1,268.64				
07380-1000		MISCELLANEOUS REVENUE			0.00				
	1501	JE 45968		141.12		01/16/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1501		0.00	141.12	-141.12				
	1502	46297		141.12		02/13/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		46480		141.12		02/26/15	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1502		0.00	282.24	-423.36				
07380-1000	****	*** *****	0.00	423.36	-423.36				
07392-0500		TRANSFER FROM SEWER OPERATING			0.00				
	1507	48567		20,000.00		07/16/15	DEPOSIT		DEPOSIT \$ FROM SEWER ACCT.
	1507		0.00	20,000.00	-20,000.00				
07392-0500	****	*** *****	0.00	20,000.00	-20,000.00				
07424-1400		ADMINISTRATIVE WAGES			0.00				
	1503	CD 46874	8,292.10			03/30/15	2267	425	EAST GOSHEN TOWNSHIP - GENERAL 1ST QTR.2015 REIMBURS. FR: MUN.A
	1503		8,292.10	0.00	8,292.10				
	1506	48284	8,292.10			06/30/15	2273	425	EAST GOSHEN TOWNSHIP - GENERAL 2ND QTR.2015 REIMBURSMT FR:MUN.A
	1506		8,292.10	0.00	16,584.20				
07424-1400	****	*** *****	16,584.20	0.00	16,584.20				

Report Date 09/02/15

GL Transaction Details

PAGE 5

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3000	MISCELLANEOUS EXPENSE				0.00				
1501	45777	950.00				01/02/15	2260	2132	PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2015 ACTIVE MEMBERSHIP DUES
	46110	500.00				01/29/15	2263	2737	COMMONWEALTH OF PA ANNUAL FEE - NPDES PERMIT -CHAP.
1501		1,450.00		0.00	1,450.00				
1506 JE	48342	18.05				07/02/15	BANK FEE		DEPOSIT SLIP ORDER 6/6/15
1506		18.05		0.00	1,468.05				
07424-3000	**** ** *	1,468.05		0.00	1,468.05				
07424-3110	MUNIC.AUTH.-AUDITING				0.00				
1507 CD	48553	8,900.00				07/16/15	2275	808	MAILLIE FALCONIERO & CO. EXAM.FINANCIAL STATEMENTS 12/31/
1507		8,900.00		0.00	8,900.00				
07424-3110	**** ** *	8,900.00		0.00	8,900.00				
07424-3130	ENGINEERING SERVICES				0.00				
1501	45953	621.50				01/15/15	2261	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/7/14 GENERAL
	46013	640.00				01/22/15	2262	1052	PENNONI ASSOCIATES INC. SERVICE THRU 11/9/14 GEN.SERVICE
1501		1,261.50		0.00	1,261.50				
1502	46311	5,571.50				02/13/15	2264	1052	PENNONI ASSOCIATES INC. SERVICES THRU 1/18/15 2014 CHAP.
1502		5,571.50		0.00	6,833.00				
1503	46649	5,685.00				03/12/15	2266	1052	PENNONI ASSOCIATES INC. SERVICES THRU 2/15/15 2014 CHAP.
1503		5,685.00		0.00	12,518.00				

Report Date 09/02/15

GL Transaction Details

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3130	1504	CD 47119	4,718.75			04/15/15	2269	1052	PENNONI ASSOCIATES INC. SERV. THRU 3/22/15 2015 GEN.SER
1504			4,718.75	0.00	17,236.75				
1505	47583		10,136.50			05/14/15	2270	1052	PENNONI ASSOCIATES INC. SERV. THRU 4/19/15 2015 GEN.SERV
1505			10,136.50	0.00	27,373.25				
1506	47984		1,843.75			06/10/15	2272	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/17/15 2015 GEN.SE
1506			1,843.75	0.00	29,217.00				
1507	48553		1,921.25			07/16/15	2276	1052	PENNONI ASSOCIATES INC. SERV. THRU 6/21/15 2015 SEMI-ANN
1507			1,921.25	0.00	31,138.25				
1508	48772		373.75			08/03/15	2277	1052	PENNONI ASSOCIATES INC. SERVICES THRU 7/19/15 2015 GEN.S
1508			373.75	0.00	31,512.00				
07424-3130	****	*** *****	31,512.00	0.00	31,512.00				
07424-3140	LEGAL SERVICES				0.00				
1503	46649		300.00			03/12/15	2265	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - 1/12/15 GEN.AUT
1503			300.00	0.00	300.00				
1504	47119		840.00			04/15/15	2268	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 2/6-2/9/15 GEN.AUT
1504			840.00	0.00	1,140.00				
1506	47984		860.00			06/10/15	2271	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 4/7-4/13/15 GEN.AUT
1506			860.00	0.00	2,000.00				

Report Date 09/02/15

GL Transaction Details

PAGE 7

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3140	1507	CD 48553	380.00			07/16/15	2274	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 6/3-6/8/15 GEN.AU
1507			380.00	0.00	2,380.00				
1508	48918		300.00			08/12/15	2278	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 7/13/15 GEN.AUTH
1508			300.00	0.00	2,680.00				
07424-3140	****	*** *****	2,680.00	0.00	2,680.00				
07428-1000		RESERVOIR PUMP STATION - ENGINEER			0.00				
1501	45954		137.50			01/15/15	10029	1052	PENNONI ASSOCIATES INC. SERV.THUR 12/7/14 RESERV.RD ACT
	46014		852.50			01/22/15	10030	1052	PENNONI ASSOCIATES INC. SERVICE THRU 11/9/14 RESERVOIR R ACT.537
1501			990.00	0.00	990.00				
1502	46312		5,382.80			02/13/15	10031	1052	PENNONI ASSOCIATES INC. SERV.THUR 1/18/15 RESERVOIR RD.P ACT 537 PLANNING
1502			5,382.80	0.00	6,372.80				
1503	46650		10,394.70			03/12/15	10032	1052	PENNONI ASSOCIATES INC. SERV. THRU 2/15/15 RESERVOIR RD.
1503			10,394.70	0.00	16,767.50				
1504	47120		18,607.75			04/15/15	10033	1052	PENNONI ASSOCIATES INC. SERV. THRU 3/22/15 RESERVOIR RD. DESIGN & PERMITTING
1504			18,607.75	0.00	35,375.25				
1505	47584		15,825.75			05/14/15	10034	1052	PENNONI ASSOCIATES INC. SERV.THUR 4/19/15 RESERVOIR RD. DESIGN & PERMITTING
1505			15,825.75	0.00	51,201.00				

East Goshen Township General Ledger

Report Date 09/02/15

GL Transaction Details

PAGE 8

MGRP18 run by BRIAN 3 : 37 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07428-1000	1506	CD 47990	9,249.50			06/10/15	10035	1052	PENNONI ASSOCIATES INC. SERV.THUR 5/17/15 RESERVOIR RD
1506			9,249.50	0.00	60,450.50				
1507	48554		10,841.50			07/16/15	10036	1052	PENNONI ASSOCIATES INC. SERV.THUR 6/21/15 - RESERV.RD P DESIGN & PERMITTING
1507			10,841.50	0.00	71,292.00				
1508	48773		4,715.25			08/03/15	10037	1052	PENNONI ASSOCIATES INC. SERV.THUR 7/19/15 RESERVOIR RD
1508			4,715.25	0.00	76,007.25				
07428-1000	****	*** *****	76,007.25	0.00	76,007.25				
Grand Total	137,574.86		80,600.25	56,974.61					

Memo

To: Municipal Authority
From: Jon Altshul
Re: Consider 2016 Municipal Authority Proposed Budget
Date: September 4, 2015

Attached please find a proposed 2016 budget for the Municipal Authority.

Revenues

- This budget proposes revenues of \$103,342, including \$93,832 as a transfer from the sewer operating fund and \$8,000 from four tap-in fees.

Expenses

- Expenses reflect \$9,000 for legal fees and \$38,500 for engineering.
- The remaining expenses include \$9,500 for auditing, \$33,832 for administrative overhead, and \$28,092 for the Municipal Authority's share of debt service on the 1998 notes.
- No capital expenses are anticipated in 2016.

The projected fund balance at the end of 2015 is expected to be \$1,459,195, the majority of which represents the remaining balance of the proceeds from the 2013 notes.

I recommend that the Municipal Authority approve the proposed budget prior to the end of the calendar year.

1,589,177 1,477,777

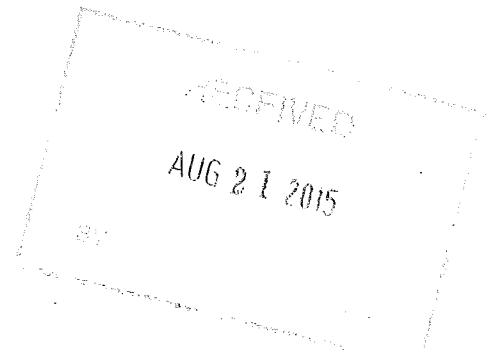
1,477.777 1,459,195

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

August 6, 2015

John M. Scott, Plant Manager
West Goshen Wastewater Treatment Plant
848 South Concord Road
West Chester, PA 19382

Re: Reservoir Road Pump Station
East Goshen Township, Chester County, PA



Dear John:

The purpose of this letter is to memorialize our conversations about the Reservoir Road Pump Station.

East Goshen intends to complete all of the engineering and obtain all of the permits required for the construction of the Reservoir Road Pump Station. We would then wait to construct the Pump Station until if and when it looks like we will exceed our "average daily flow" limit (as that term is defined in the 1977 Agreement) of 1,000,000 gpd at West Goshen.

East Goshen will begin the Pump Station construction process when there are two consecutive quarters in which the "average daily flow" exceeds 950,000 gpd. However, the Pump Station will not be placed in service until the "average daily flow" exceeds 1,000,000 gpd.

Once the Pump Station has been placed in service, the objective is to maintain our "average daily flow" to West Goshen at or just below 1,000,000 gpd. In order to achieve this objective, the following flow control logic will be utilized:

1. Operation limits based on the net flow to West Goshen Township

The diversion volume will be manually re-programmed weekly based on the average daily flow to West Goshen for the previous week (example: if average daily flow to West Goshen is 1,200,000 gpd for one week, the Pump Station would be programmed to divert 200,000 gpd for the following week.) The maximum diversion would be 300,000 gpd.

2. Operation limits based on the flow at Ridley Creek Sewer Treatment Plant (RCSTP)

The Pump Station will automatically shut off the pumps if RCSTP is at capacity during peak conditions as measured at RCSTP influent pump station.

3. Operation limits based on time of day to increase RCSTP loading during overnight hours.

The pumps will be programmed to automatically turn on around 10:00PM, and they will operate until the pre-programmed daily volume is pumped.

A magnetic flow meter with digital recorder will be placed on the Pump Station discharge force main. This meter will be certified on the same schedule as the other Chester Creek Meters. All costs associated with the operation and maintenance of the Pump Station, including the meter, will be the responsibility of East Goshen Township.

As we discussed I think it is important to memorialize our discussion in order to prevent any misunderstandings in the future. That being said, I would suggest that, if something unforeseen occurs after your execution of this letter, both sides agree to negotiate in good faith.

Sincerely,



Louis F. Smith, Jr.
Township Manger

Agreed


John Scott, Plant Manager

8-20-15
Date

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

August 26, 2015

Dear Property Owner:

The purpose of this letter is to inform you that Robert and Amanda Gionfriddo, the owners of 942 Cornwallis Dr., West Chester, PA 19380, have submitted a Sketch Plan to the Township for review. The sketch plan proposes a subdivision of the 3.5+ acre lot into two residential building lots.

Pursuant to Township policy, property owners and residents within 1000 feet of the subject property are notified of sketch plan submissions. The applicant will present the plan to the Planning Commission in order to hear the Commissions' initial comments prior to submitting an official subdivision and Land Development application.

The plan will be reviewed and discussed at the date and time outlined below and is subject to change without further written notice.

September 2, 2015 - Planning Commission Meeting (7:00 pm)

All meetings are held at the Township Building and are open to the public. The plan is available for review at the Township building during normal business hours. Please give me a call if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

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

FYI

September 9, 2015

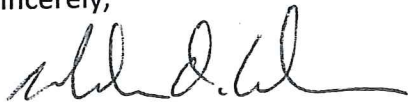
Dear Property or Business Owner:

As you may recall, the Township sent a letter to you in May regarding the Paoli Pike Trail Feasibility Study and Master Plan. Since that time, the Township's consultant team has developed a Draft Trail Conceptual Plan for the bicycle and pedestrian trail along Paoli Pike in East Goshen Township.

The Draft Trail Conceptual Plan will be presented to the public in an open house format beginning at **6:30 PM on Tuesday September 15, 2015** at the Township Building. The Township's consultant team, led by McMahon Associates, Inc., will present a summary of the work done to date and an overview of the Draft Trail Conceptual Plan to the Board of Supervisors at their regularly scheduled meeting beginning at 7 PM.

Information about the Paoli Pike Trail Feasibility Study and Master Plan is posted on the Township web page (www.eastgoshen.org) and the draft Trail Conceptual Plan will be posted no later than September 14, 2015. The Township will accept public comments on the draft Trail Conceptual Plan through September 30, 2015. Please contact me with any questions you have at 610-692-7171 or by e-mail at mgordon@eastgoshen.org.

Sincerely,



Mark A. Gordon
Township Zoning Officer

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

August 18, 2015

Dear Property Owner:

The purpose of this letter is to inform you that Goshen Equities, LLC, (The Applicant and owner of the Goshen Village Shopping Center at the corner of Boot Rd. and Paoli Pike) has submitted a Zoning Hearing Board application. The applicant is requesting to amend this Board's March 30, 1988 Decision for the shopping center, which in granting three variances, also attached the following condition: "There shall never be erected, on the site, a freestanding sign other than at the location of the intersection of Paoli Pike and Boot Road, as shown and described generally, on Exhibit A-10."

The property subject to the application is a 11.03 acre parcel known as Goshen Village Shopping Center at the northeast corner of Paoli Pike and Boot Road, East Goshen Township, Chester County, Pennsylvania (Tax Parcel No. 53-4-77). Applicant proposes to erect two freestanding pylon signs, one along the street frontage of Paoli Pike, and the other along the street frontage of Boot Road, each totaling 120 square feet in area and being no more than 14 feet in height, which signs are currently permitted by the Zoning Chapter of the East Goshen Code.

Pursuant to Township policy, property owners within 1000 feet of the subject property are notified of Conditional Use applications. **The meeting dates for this matter are listed below and subject to change without further written notice:**

September 2, 2015 – Planning Commission (7:00 PM)

September 15, 2015 – Board of Supervisors (7:00 PM)

September 29, 2015 – Zoning Hearing Board (7:30 PM / Zoning Hearing)

All meetings will be held at the Township Building and are open to the public. The Zoning Hearing Board Application is available for review at the Township building during normal business hours. If any person who wishes to attend the hearing has a disability and/or requires an auxiliary aid, service or other accommodation to observe or participate in the proceedings, he or she should contact the Township Building at 610-692-7171, to discuss how those needs may be accommodated.

Please give me a call if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

August 12, 2015

Dear Property Owner:

The purpose of this letter is to inform you that Abjibapa Enterprises LLC (The Applicant) has submitted a Conditional Use application for a Beverage Café use within the Goshen Village Shopping Center. The Applicant proposes to locate the Beverage Café Use within the former Citadel Bank Branch Building within the Goshen Village Shopping Center at 1504 Paoli Pike, West Chester, PA 19380 which is located in the C-2 zoning district, Local Convenience Commercial. The Applicant proposes no changes to the exterior of the existing building other than signage. The applicant proposes a drive thru service lane to service their customers and an enclosed garbage dumpster area adjacent to the building location. A Beverage Café use is permitted use in the C-2 zoning district. The full application is available for review at the Township building.

Pursuant to Township policy, property owners within 1000 feet of the subject property are notified of Conditional Use applications. **The meeting dates for this matter are listed below and subject to change without further written notice:**

September 2, 2015 – Planning Commission (7:00 PM)

September 15, 2015 – Board of Supervisors (7:00 PM – Conditional Use Hearing)

All meetings are held at the Township Building and are open to the public. The Zoning Hearing Board Application is available for review at the Township building during normal business hours. If any person who wishes to attend the hearing has a disability and/or requires an auxiliary aid, service or other accommodation to observe or participate in the proceedings, he or she should contact East Goshen Township at 610-692-7171 to discuss how those needs may be accommodated.

Please give me a call if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Registration Form
2015 PMAA Administrative/Environmental Issues Seminar

Name: _____
Authority/Firm: _____
Address: _____
City, State, Zip: _____ Phone: _____
Fax: _____ E-mail: _____

SEP 1 2015

BY _____

FYI

Name: _____
Authority/Firm: _____
Address: _____
City, State, Zip: _____ Phone: _____
Fax: _____ E-mail: _____

Name: _____
Authority/Firm: _____
Address: _____
City, State, Zip: _____ Phone: _____
Fax: _____ E-mail: _____

- ☐ PMAA Member Registration - \$75.00
☐ Non-PMAA Member Registration - \$85.00

TOTAL DUE: \$ _____

Hotel Accommodations - contact the Nittany Lion Inn at 800-233-7505. PMAA room block rate is available until September 25, 2015.

Mail registrations to the address listed below. Payment is due with registration. Checks should be made payable to PMAA. We also accept ☐ Visa ☐ MasterCard ☐ Discover

Card # _____ Exp.: _____
3 digit security code on the back of the credit card: _____

Cancellation Policy

Cancellations received less than 72 hours in advance are not subject to a refund. Cancellations must be sent, in writing, to our office. If a cancellation notice is not received, payment is still due.

Unpaid no-shows will be charged.



Fixed Income Management Monthly Market Review

July 2015

FYI

Economic Highlights

- U.S. economic growth accelerated modestly in the second quarter after a slow start to the year, suggesting steady momentum that could bring the Federal Reserve (Fed) closer to raising interest rates later this year. Gross domestic product (GDP) grew at an estimated 2.3% seasonally adjusted annual rate in the second quarter. First-quarter GDP was revised to show a 0.6% increase in output.
- A sharp sell-off in the Chinese stock market shifted the focus from global risk to the world's second-largest economy and increased headwinds on global growth.
- At its July meeting, the view of the Federal Open Market Committee (FOMC) remained largely unchanged from recent meetings. While the FOMC continues to state concerns about stubbornly low inflation, the expectation remains that economic conditions will warrant at least one rate hike in late 2015.
- Oil prices fell to less than \$50 per barrel in July as supply remained plentiful and Iran prepared to sell more oil in the open market after sanctions are lifted. Most metals and other commodities also fell sharply during the month, stirring deflationary concerns.
- July economic indicators were generally positive, including stronger readings on the Institute for Supply Management (ISM) manufacturing survey, construction spending, industrial production, housing starts, existing home sales, and durable goods orders. Consumer confidence and factory orders fell, while the Employment Cost Index (ECI) showed the smallest gain since at least 1996 during the second quarter.

Bond Markets

- The U.S. Treasury yield curve flattened as yields on longer maturities fell sharply, while shorter-term yields (two years and under) rose modestly.
- Most fixed-income total return indices produced positive performance in July, benefitting from capital appreciation and the decline in longer-term yields.
- Agency yield spreads remained relatively stable and performance generally mirrored that of their Treasury counterparts.
- Credit spreads for high-quality corporate securities (rated "A" or better) narrowed modestly in July, a welcomed reversal from the prior month. The spread compression, combined with superior income generation, resulted in the sector outperforming government securities by a modest margin.

- Mortgage-backed securities (MBS) experienced unsteadiness during July, finally ending the month with returns that slightly lagged behind comparable duration U.S. Treasuries.
- Yields on Treasury bills rose in anticipation of an FOMC rate hike in 2015. This was most evident in three- and six-month bills which rose 0.06% and 0.03% in July, respectively. The yield for other money-market securities also rose during the month.

Equity Markets

- U.S. large-cap equity markets saw a recovery from the prior month's correction. The S&P 500 Index withstood volatility throughout the month, up 2.1% in July.
- Global equity markets saw mixed results for the month due to varying economic outlooks for underlying regions. European stocks generally recovered from the worst of the Greek exit fears. Emerging markets were the greatest laggards for the month. Brazil and China's major indices fell 12.9% and 13.7%, respectively in July (in US\$ terms).

PFMAM Outlook

- As long as the global situation remains unsettled over falling commodities and concerns about China's financial system, investors will maintain a strong bid for U.S. Treasuries. The Fed is not immune to these circumstances, but we still expect a first move to raise rates as early as September. However, we do not think the markets have fully incorporated this result. Some investors see no interest rate rise before 2016, and others are buying Treasuries to avoid global risk. For this reason, we recommend positioning portfolio durations somewhat short of benchmarks to reduce their exposure to interest rate changes.
- The corporate sector continues to offer relative value contrasted with comparable Treasuries, but some issuers may be vulnerable to events in China and the sharp decline in oil and commodity prices. As a result, issue selection has grown in importance.
- Money-market securities will react directly to any Fed tightening. Yields in longer-maturity money markets have moved modestly higher for several months, but still do not reflect the reality of the first Fed move. Six-month maturities appear to offer the best balance of risk and income.

This information is for institutional investor use only, not for further distribution to retail investors, and does not represent an offer to sell or a solicitation of an offer to buy or sell any fund or other security. Investors should consider the investment objectives, risks, charges, and expenses before investing in any of the Trust's portfolios. This and other information about the Trust's portfolios is available in the current Information Statement, which should be read carefully before investing. A copy of the Information Statement may be obtained by calling 1-800-572-1472 or is available on the Trust's website at www.plgit.com. While the PLGIT, PLGIT/ARM, and PLGIT/PRIME portfolios seek to maintain a stable net asset value of \$1.00 per share and the PLGIT/TERM portfolio seeks to achieve a net asset value of \$1.00 per share at its stated maturity, it is possible to lose money investing in the Trust. An investment in the Trust is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Shares of the Trust's portfolios are distributed by PFM Fund Distributors, Inc., member Financial Industry Regulatory Authority (FINRA) (www.finra.org) and Securities Investor Protection Corporation (SIPC) (www.sipc.org). PFM Fund Distributors, Inc. is a wholly owned subsidiary of PFM Asset Management LLC.