EAST GOSHEN MUNICIPAL AUTHORITY February 9, 2015

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. <u>SEWER REPORTS</u>
 - a. Director of Public Works Report
 - b. Pennoni Engineer's Report
 - c. Big Fish Environmental Inc. Report with DMR's
 - d. East Goshen Township Flows

3. APPROVAL OF MINUTES

a. January 12, 2015

4. APPROVAL OF INVOICES

a.	Pennoni	Invoice #623589	\$5,300.00
b.	Pennoni	Invoice #623591	\$ 82.50
c.	Pennoni	Invoice #623592	\$ 565.00
d.	Pennoni	Invoice #623593	\$ 464.00
e.	Pennoni	Invoice #623594	\$ 661.25
f.	Pennoni	Invoice #623595	\$2,053.75
g.	Pennoni	Invoice #623596	\$1,827.50

5. LIAISON REPORTS

6. FINANCIAL REPORTS

a. January 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
 Need by 8/31/15
 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.
- c. Attend West Goshen Meetings quarterly more often if needed.
 - 1st Quarter
 - 2nd Quarter 3rd Quarter

 - 4th Quarter
- d. Respond to capacity requests in 45 days or less.
- e. Continue to implement I & I Plan
- f. Operate RCSTP in compliance with NPDES Permit
- 9. **NEW BUSINESS**
 - a. Comp Plan Task Force meeting conflict
- **CAPACITY REQUESTS** 10.
- 11. **ANY OTHER MATTER**
- CORRESPONDENCE AND REPORTS OF INTEREST 12.
- 13. **PUBLIC COMMENT**
- 14. ADJOURNMENT

EAST GOSHEN MUNICIPAL AUTHORITY EAST GOSHEN TOWNSHIP

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

February 4, 2015

To:

Municipal Authority

From:

Mark Miller

Re:

January 2015 Monthly Report

Meters:

All meters were read on a daily basis. I met with John Scott with regards to converting the shared meters over to remote monitoring. The total cost is \$8000 dollars which would be split in half. This will be a significant savings to the township.

C.C. Collection:

The pumping stations were visited on a daily basis. With no problems to

report.

MGK completed the new rail system at the Barkway Pump Station, it is a

great improvement.

We were notified of two lateral back-ups for the month of January, both

were cleared.

R.C. Collection:

Pump Stations were visited on a daily basis with no problems to report.

R.C. Plant:

No problems to report.

Alarms:

We responded to 17 alarms for January.

PA One Calls:

We received 57 PA One calls since January.



MEMORANDUM

TO:

East Goshen Municipal Authority Board

Rick Smith, Township Manager

FROM:

Michael Ellis, P.E.

Authority Engineer

DATE:

February 6, 2015

SUBJECT:

Engineer's Report

Invoices

• Invoices with summaries are provided under separate cover.

Reservoir Road Pump Station

- We attended a tour of the new Mill Lane Pump Station in East Whiteland Township with the PW staff to evaluate scoping preferences for the Reservoir Road Pump Station.
- Two geotechnical borings at the proposed pump station site were performed on January 15. We observed the borings, and prepared a geotechnical report and boring logs which will be submitted to the Township. Bedrock was encountered at a depth of 22' in both borings, although there were shallower layers of "rippable" material.
- We prepared a 1st draft of a concept design consisting of: a pump station site sketch plan including conceptual diversion details and diversion piping profiles, a written outline of pump station controls and critical features, and a ballpark construction cost estimate. We met with Rick Smith and Mark Miller to review the 1st draft. A 2nd draft of the site plan is being prepared and will be presented to the Municipal Authority at the February 9th meeting.
- Once the concept scope is agreed upon, a permit pre-application meeting with PADEP will be set up, likely in March.
- The existing conditions field survey work is scheduled to commence the week of February 23 and will take 2-3 weeks to complete.

Chapter 94 Reports

 We initiated work on the 2014 Chapter 94 Reports. We anticipate submitting drafts of the reports to the Township for review by early March.

Lockwood Chase STP Groundwater Monitoring

The LCSTP Closure Plan approval from PADEP required that groundwater monitoring at the LCSTP site continue on a quarterly basis for five years following the plant closure. Reports must be submitted to PADEP.

As requested, we reviewed the 2013 and 2014 Annual Groundwater Monitoring Reports prepared by Brickhouse Environmental. The quarterly monitoring results have been reviewed to identify any impacts to groundwater quality as a result of the closure of the LCSTP. A summary of our review follows:

- Quarterly testing of the ground monitoring wells is a condition of PADEP Permit No. 1580430 Amendment #1, dated December 28, 2010, and must be performed in accordance with the LCSTP Closure Plan that was approved by PADEP on December 8, 2011. Brickhouse began the required quarterly monitoring of wells MW#3 and MW#4 on March 29, 2012. Samples have <u>not</u> been collected from wells MW#1 and MW#5 because these wells have been dry at the time of Brickhouse's sampling events. Similarly, MW#4 was not sampled in the months of June, September, and December of 2012 because it was also dry.
- The analytical data in the reports do not indicate any water quality impacts between 2012-2014 as a result of the LCSTP operation or its decommissioning. The results of the quarterly monitoring were compared to the EPA's Maximum Contaminant Limits (MCLs) for drinking water, as defined by the Safe Drinking Water Act. The majority of the target compounds did not exceed the MCLs or the laboratory method detection limits in the groundwater samples, with the exception of Nitrate-Nitrogen and Fecal Coliform in a few instances.
 - O Nitrate-Nitrogen concentration in MW#4 was 11.0 mg/L in March 2012 before the plant closure. It has fluctuated from 5.8 to 13.7 mg/L since the plant was closed with no discernable trend. The MCL is 10.0 mg/L.
 - Fecal Coliform has been detected on occasion, however this may be a result of the close proximity to surface waters and other groundwater conditions not associated with the plant. Fecal Coliform has not been detected in the month of March sampling since 2012. It has been highest in the summer months of 2013 and 2014. Since it has been at non-detectable levels since the plant was closed, it does not appear the plant closure is causing the Fecal Coliform presence.
- The report states that testing is planned to continue through December 2015, at which point the amended permit will expire and the wells will be abandoned and monitoring discontinued. However, the approved STP Closure Plan stated that quarterly groundwater monitoring will be conducted for five years following final grading of the treatment plant site to ensure sludge is not causing an adverse impact on groundwater. The plant was demolished and the lagoons were filled in fall 2012. The monitoring therefore needs to continue through the end of 2017.

Lockwood Chase STP Closure NPDES Permit N.O.T.

• We are coordinating with the Township to perform a site visit to the former LCSTP site to evaluate the consistency of as-built conditions with the permit plans, so that the

EGMA 1501

NPDES Permit Notice of Termination paperwork can be finalized and submitted to the Chester County Conservation District.

Hershey's Mill PS and Marydell PS Diversions

• The 2-year Maintenance Bonds on the Hershey's Mill PS and Marydell PS Diversions expire on July and August respectively. We recommend warranty inspections be performed by May.

Hershey's Mill PS Muffin Monster

• We notified PADEP that the comminutor has been installed in the pump station for their field evaluation as required by the permit.



Monthly Operations Report: January 2015

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit. There was no discharge to Applebrook, which is identified as outfall 002. 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 the sludge dewatering equipment. The variable speed drives for influent pump numbers 2 and 3 failed during the month and were replaced by Lenni Electric. The facility was functioning intended at the close of the month.

Treatment Process Operation

During December 2014, there were no exceedances of the final effluent discharge limitations for outfall 001. The total phosphorus monthly average concentration of 0.15 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 December 2014 eDMR. During the month, the final effluent total phosphorus concentration discharged ranged from 0.10 mg/L to 0.24 mg/L. The aluminum sulfate daily average remained consistent during December at 74.0 gpd.

Table 1

	Decen	nber 2	2014 -	Final	Efflue	ent - (Out F	all 00	1		
NIDDEC D	Flow	СВ	OD ₅	1	ss	Ni	H ₄ -N		orus,Total ng/L	Fecal C	oliform
NPDES Permit Discharge Limitations	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		15-47-0								
	Maximum	40		42							
Sample Date											
December 2, 2014	0.299	2.0	5.0	4	10	0.182	0.45	0.12	0.30	1	0.0000
December 9, 2014	0.311	3.9	10.1	3	8	0.114	0.30	0.14	0.36	1	0.0000
December 16, 2014	0.342	2.7	7.7	4	11	0.345	0.98	0.15	0.43	1	0.0000
December 23, 2014	0.319	2.4	6.4	4	11	0.10	0.27	0.24	0.64	1	0.0000
December 30, 2014	0.396	2.0	6.6	5	17	0.19	0.62	0.10	0.33	1	0.0000
Average	0.333	2.6	7.2	4	11	0.186	0.52	0.15	0.41	1	0.0000
Minimum	0.299	2.0	5.0	3	8	0.100	0.27	0.10	0.30	1	0.0000
Maximum	0.396	3.9	10.1	5	17	0.345	0.98	0.24	0.64	1	0.0000



There was no discharge from Outfall 002 to Applebrook during December 2014.

Table 2

	De	cemb	er 201	4 - In	fluent	Was	stewa	ter			
	Flow	В	DD₅	ī	SS	NI	H ₄ -N	TKN	, mg/L		rus,Total, g/L
Design Basis		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											
December 2, 2014	0.404	258	869	186	626	31.8	107	51.5	173	5.3	18
December 9, 2014	0.371	295	993	190	640	27.9	94	39.1	132	4.1	14
December 16, 2014	0.423	136	458	74	249	33.7	113	41.9	141	4.1	14
December 23, 2014	0.410	242	815	173	583	35.2	119	40.2	135	4.7	16
December 30, 2014	0.436	207	697	359	1,209	40.7	137	55.2	186	5.5	19
Average	0.409	228	784	196	525	33.9	108	45.6	145	4.7	15
Minimum	0.371	136	458	74	249	27.9	94	39.1	132	4.1	14
Maximum	0.436	295	993	359	640	40.7	119	55.2	173	5.5	18

Table 2 illustrates the influent wastewater pollutant loadings for December 2014. The influent loadings remained within the treatment facility design loadings.

Table 3 presents the available Outfall 001 final effluent data for the month of January 2015. There are no anticipated exceedances of the permitted limitations for the month. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.



Table 3

	Janu	ary 20	015 - F	inal E	ffluer	nt - 0	ut Fa	001			
AIDDEC D	Flow	СВ	OD ₅	т	ss	NI	H ₄ -N	10%	orus,Total ng/L	Fecal C	oliform
NPDES Permit Discharge Limitations	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											
January 6, 2015	0.404	3.6	12.1	5	17	0.731	2.46	0.21	0.71	1	0.0000
January 13, 2015	0.358	2.6	7.8	4	12	0.906	2.71	0.27	0.81	1	0.0000
January 20, 2015	0.919	2.2	16.9	6	46	0.113	0.87	0.10	0.77	2	0.3010
January 28, 2015	0.372	2.00	6.2			0.37	1.15	0.23	0.71	1	0.0000
Average	0.513	2.6	10.7	5	25	0.531	1.80	0.20	0.75	1	0.0753
Minimum	0.358	2.0	6.2	4	12	0.113	0.87	0.10	0.71	1	0.0000
Maximum	0.919	3.6	16.9	6	46	0.906	2.71	0.27	0.81	2	0.3010

During January 2015, there was no discharge of treated effluent to Applebrook. The pump has been placed in the off mode during the winter months.

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 4 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during January 2015.



Table 4

	Ja	nuar	y 2015	- Infl	uent \	Nast	ewate	er	20-51-		
	Flow	В	OD _s	T	ss	NI	H ₄ -N	TKN	, mg/L	Phospho	rus,Total
Design Basis		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	9									J.2	1 3,
January 6, 2015	0.446	162	603	71	264	32.6	121	44.0	164	4.6	17
January 13, 2015	0.398	188	699	149	554	27.1	101	40.2	150	4.7	17
January 20, 2015	0.452	153	569	65	242	32.8	122	36.3	135	4.3	16
January 28, 2015	0.436	111.0	413	82.0	305	34.2	127	42.1	157	4.7	17
Average	0.433	154	571	92	341	31.7	118	40.7	151	4.6	17
Minimum	0.398	111	413	65	242	27.1	101	36.3	135	4.3	16
Maximum	0.452	188	699	149	554	34.2	127	44.0	164	4.7	17

Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during December and January.

Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Foam concentrations increased slightly during November and December. The average coverage of the surface area was estimated at 50%. Increased sludge wasting rates were maintained to manage the MLSS concentrations and F:M ratio within the desired goals. Daily monitoring of the influent and final effluent 24-hour composites samples for total phosphorus is ongoing. 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 remained consistent at a daily average of 74.0 gpd during January and December. During January, the soda ash daily addition average remained consistent at 435 lbs. per 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: January 2015

Sludge Dev	watering Summary	
Gallons of sludge dewatered	240,518	
Average Dewatered Total Solids, %	NA	
Wet Tons	NA	
Dry Tons	NA	
Number of dumpsters	4	

^{*}Sixteen (16) days of centrifuge operation

Flow data:

	January 2	2015	Letteral 1 v
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	13.877	447,642	780,300
Influent Wastewater to SBRs	13.907	448,625	633,856
Internal Recycle	0.399	12,894	54,008
Treated Effluent to Disc Filters	13.344	430,439	685,216
Final Effluent Discharge	12.520	403,871	919,000
Applebrook Golf Course	0	0	0

^{*}The final effluent daily maximum flow of 919,000 is attributed to the result of an erroneous level meter reading. The transducer and v-notch weir were cleaned and the subsequent flow measurements recorded were within the anticipated range.

Chemical Usage:

	January 2015	
Chemical	Daily Average	Total Monthly
Soda Ash	437	13,150
Aluminum Sulfate solution	73.3	2,273
Polymer (centrifuge)	0.84	13.44



During January, 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 January was 13.82 feet and the level at the end of the month was 9.76 feet. The initial total solids concentration was 0.59% decreasing to 1.34% at the end of the month. The average pH concentration was 7.96 S.U. 57,600 gallons of supernatant were decanted during the month. A total of 200 pounds of soda ash were added.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 7.52 feet and the level at the end was 8.82. The initial total solids concentration was 0.85% total solids increasing to 0.84% at the end of the month. The average pH concentration was 7.52 S.U. and 300 pounds of soda ash was added. Zero gallons of supernatant were decanted.

Significant Storm/Hydraulic Loading Events

During January, there were three storm events resulting in daily precipitation amounts greater than 0.5 inches measured during a 24 hour period. A total of 3.43 inches of rainfall and 4.0 inches of snow were measured at the facility during January. Daily maximum amounts were 1.01 and 1.00 inches, measured on January 3rd and 18th, respectively. On January 17th through the 18th, a total of 1.39 inches were measured. The influent flows increased from 414,470 gpd to 780,300 gpd.

Figure 1 illustrates a flow rate range of 108% to 118% of the SBR design hydraulic loading for a sustained period of 15 hours. The elevated flow rates resulted in filled settle decants for several continuous hours.

Figure 2 illustrates a maximum flow rate of 217% of the SBR design hydraulic loading for a period of approximately 2-1/2 hours occurring on January 18th.

Figure 3 illustrates a sustained low rate of 92% of the SBR design hydraulic loading for a period of approximately 11 hours.



File Logic Special Development Constant 4hours Jan 12 11:00:56 Jan 12 22:00:56 Jan 13 20:00:56 09:00:56 10 Wate Stdy January 17, 2015 Filed trease Node Name: 9 EGT_STP_CTRL Filed Sette 8 Settle Operator Level O Victor 6 LogOu LogOf RIVET DATA 5 FIRMOWE. 580 Overview SBH Selpelate State Fill 3 Chees Pumps Setpoints ne and Me Mares & Events 1 Alacm Database 0 Falled Off Trend Chart 4 08:30:27 ٠ Data Extraction 23:50:29 Elita Flow Totals Altem Acknowledge 1:1299

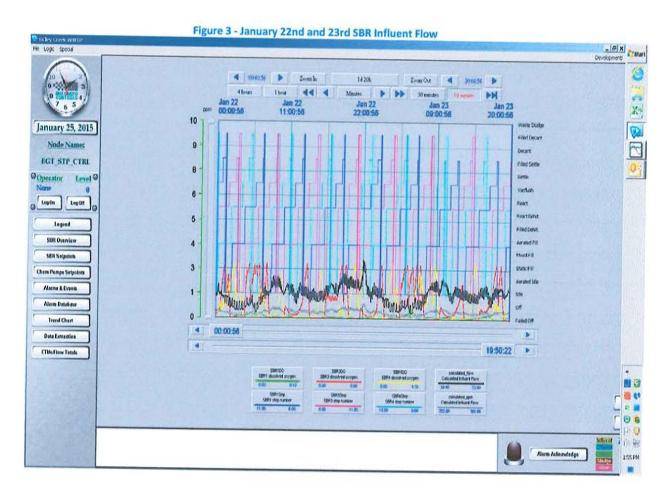
Figure 1 - January 12th SBR Influent Flow



D sintley Chron WW File Logic Special _|S| x| Development [/Start 4 000056 Þ Zoonla 142% Zeam Out 4 200056 1 4hors 44 4 Master ▶ ▶ 30 minutes 10 Water Skidye January 25, 2015 Distorace 9 Node Name: EGT STP CTRL Operator tevel O VacRah Heart Logica Logon React Delit. legend FINIDAY SBR Overview Mind Fill SUR Setpoints 3 State Fill Checa Pumps Setpoints Alarms & Events off Alarm Database Irend Chart 4 14:08:22 . Data Extraction 4 16:32:15 D ETIAS Flow Totals Alem Acknowledge 1.54 PM

Figure 2 - January 18th Peak Flow to SBRs





Minor Repairs and Preventative Maintenance

Replaced inlet air filters for the sludge holding tank and post flow equalization basin blowers.

Replaced variable speed drives for influent pumps 2 and 3.

Precip	WESTI	WESTTOWN WAY	ELLI	ELLIS LANE	PAOL	PAOLI PIKE	WILSON	DRIVE	TIMMIIS
Inches DATE	READING	GPD	READING	GPD	READING	000	DEVOING.		- HAMMAIO
				9	- Annual	GFD	KEADING	GPD	GPD
0.00 01/02/15									
0.70 01/03/15									
- 3	1,915,206	1,017,400	7.253.841	98 070	1 511 754	E0 000	1000		
	7		· impolo	010,00	4,51,154	280,80	3,4/3,880	52,372	24,000
0.00 01/07/15	1,917,300	1,047,000	7.271.733	89 460	1 522 057	04 045	2000		
$\overline{}$	Н	972,000	7,279,685	79,520	4 529 638	56.810	3,400,944	70,320	24,000
		1,022,000	7.287.880	81 950	4 535 430	20,000	3,493,970	/u,260	24,000
	7		. 100. 100.	01,000	4,000,400	076'10	3,503,964	79,940	24,000
0.00 01/11/15									
	1,922,225	977.000	7 312 768	090 08	A 555 040	70 000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
		1.143.000	7 324 972	122 040	4,555,010	28,500	3,522,357	61,310	24,000
	1	1,026,000	7 222 260	070,040	4,009,960	000,69	3,529,859	75,020	24,000
	+	1,014,000	7 343 007	00,500	4,066,067	61,010	3,536,763	69,040	24,000
\neg		959 000	7 351 70/	002,200	4,571,303	020,80	3,543,206	64,430	24,000
	+	000,000	1,001,124	012,00	4,0//,526	55,630	3,549,439	62,330	24,000
1									
0.00 01/19/15									
	1,930,837	1.117.500	7 398 841	117 702	4 600 500	200			
	1,931,869	1.032.000	7.408.610	97 690	4,002,202	01,640	3,5/1,383	54,860	24,000
0.00 01/22/15	1,932,894	1,025,000	7.417.736	91 260	4 614 058	40,430	0,070,100	08,000	24,000
0.25 01/23/15	1,933,891	997,000	7,426,759	90.230	4 620 361	63 030	3 501 305	60 500	24,000
0.50 01/24/15				Colpros	1,020,001	00,000	3,381,283	68,500	24,000
- 1	1,937,112	1.073.667	7 460 383	112 080	1 630 570	24.000	2 222 200		
- 1	1,938,277	1.165.000	7 470 909	105 260	4,000,070	04,000	3,607,563	54,227	24,000
-	1,939,291	1.014.000	7 479 583	86 740	1,070,720	00,490	3,014,040	12,110	24,000
0.00 01/29/15	1,940,332	1.041.000	7.487.811	22 280	4,002,221	0.89.00	3,621,141	63,010	24,000
45.7	1.941.364	1 032 000	7 496 222	04,200	4,000,077	28,200	3,628,329	71,880	24,000
	1001	1,002,000	1,430,232	04,210	4,663,964	58,870	3,634,797	64,680	24,000
Day Avg		1.037.476		93 837		60 550			
4.13 Day Tot		18,674,567		1 689 063		1 080 077		66,143	24,000
Day Count		18		18	-	1,000,021		1, 190,08	
		i		Ī		SE		18	
				EG TWP					
	MONTH TO DATE	ATE		4 13					
	NORMAL MONTH TO DATE	ITH TO DATE							
	YEAR TO DATE	Ш		4 13					
	NORMAL YEAR TO DATE	R TO DATE							

| | | | 1/31/2015 28,464,632 | 1/29/2015 28,398,334 | | _ | 1/26/2015 28,186,508 | 1/25/2015 | 1/24/2015 | 1/23/2015 27 073 45 | 1/22/2015 27,043,070 | | _ | 1/18/2015
 |

 | |

 | | 1/13/2015 27 297 596 | | 1/11/2015

 | 1/10/2015 2/,020,412
 | _
 | \neg | $\overline{}$ | 1/5/2015 26,754,636 | 1/4/2015 | 1/3/2015 | 1/2/2015 | 15 | DATE READING
 | HERS | 2 |
|----|----------------|----------------------------------|---|---|--|---|---|--|---|--|--|--|---

--
--
---|--
--
--
--|---|---|--
--
--
--
--|--|--|--|--
---|--|---|--|--|--|---|
| 18 | 12,142,755 | 674,598 | 2 662,980 | Г | | | 8 710,173 | | T | | 1 | | |
 |

 | |

 | | | |

 | 12 663,100
 |
 | | | 36 707,492 | | | | 7 | G GPD
 | HERSHEY'S MILL | 2015 January 4TH QUARTER- METERS FROM WEST GOSHEN - CC CC |
| | September 1 | | 2,052,732 | 2,052,119 | 2,051,559 | 2,050,981 | 2,050,300 | | 2,048,3/1 | 2,047,802 | 2,047,225 | 2,046,657 | |
 |

 | 2.043.686 | 2.043.140

 | 2 042 577 | 2,041,010 | 0000 |

 | _
 | $\overline{}$
 | \vdash | | 2,037,245 | | | | | READING
 | ASHBI | Y ATH QU |
| 18 | 1,082,815 | 60.156 | 61,300 | 56,000 | 57,800 | 68,100 | 64,300 | | 56,900 | 57,700 | 56,800 | 74,275 | |
 |

 | 54,600 | 56.300

 | 61 800 | 64,600 | 200 |

 | 56,500
 | 53,500
 | 58,400 | | 63,940 | | | | | GPD
 | RIDGE | ARTER- I |
| | | | 18,497,200 | 18,469,046 | 18,440,244 | 18,416,108 | 18.387.554 | | 18,316,330 | 18,290,092 | 18,263,111 | 18,236,698 | |
 | 10,100,101

 | 18 138 754 | 18 114 586

 | 18 088 514 | 18,039,104 | 10000 |

 | 17,968,600
 | 17,941,984
 | 17,916,996 | | 17,862,080 | | | | The state of the s | READING | HICKS
 | METERS F |
| 18 | 4,520,991 | 254 466 | 281,540 | 288,020 | 241,360 | 285.540 | 237 413 | | 262,380 | 269,810 | 264,130 | 244,860 | |
 | 271,000

 | 241 680 |

 | l | | |

 | 266,160
 | 249,880
 | 274,580 | | 123,804 | | | | ci c | GPD
 | METER | ROM WE |
| | | | 65,207,965 | | | | | | 64,701,760 | | | | |
 | \neg

 | \neg | \neg

 | | | |

 | 63,719,359
 | 63,649,428
 | | \neg | | | | | NEADING | DEADING
 | RESE | ST GOSH |
| 18 | 12 718 690 | 706 504 | 706,180 | 724,200 | 683,860 | 794 600 | 747 737 | | 691,000 | 701,000 | 718,490 | 736,080 | |
 | 031,040

 | 090,800 | 808,820

 | 793,340 | 642,200 | |

 |
 |
 | | | | | | | GPD | CBD
 | RVOIR | EN-CCC |
| | | | 3,497,348 | 3,496,322 | 3 495 252 | 3 494 134 | 3 400 700 | | 3,489,047 | 3,488,037 | 3,486,926 | 3,485,893 | |
 | 3,480,948

 | 3,4/9,964 | 3,4/8,899

 | 3,477,842 | 3,476,683 | |

 |
 |
 | | e, 100,001 | 3 468 807 | | | | KEADING | מאומ
 | BADL | OLLECTION |
| 18 | 202 250 | | 10,260 | 10.700 | 11 280 | 12,453 | 40 450 | | 10,100 | 11,110 | 10,330 | 12,363 | |
 | 9,840

 | |

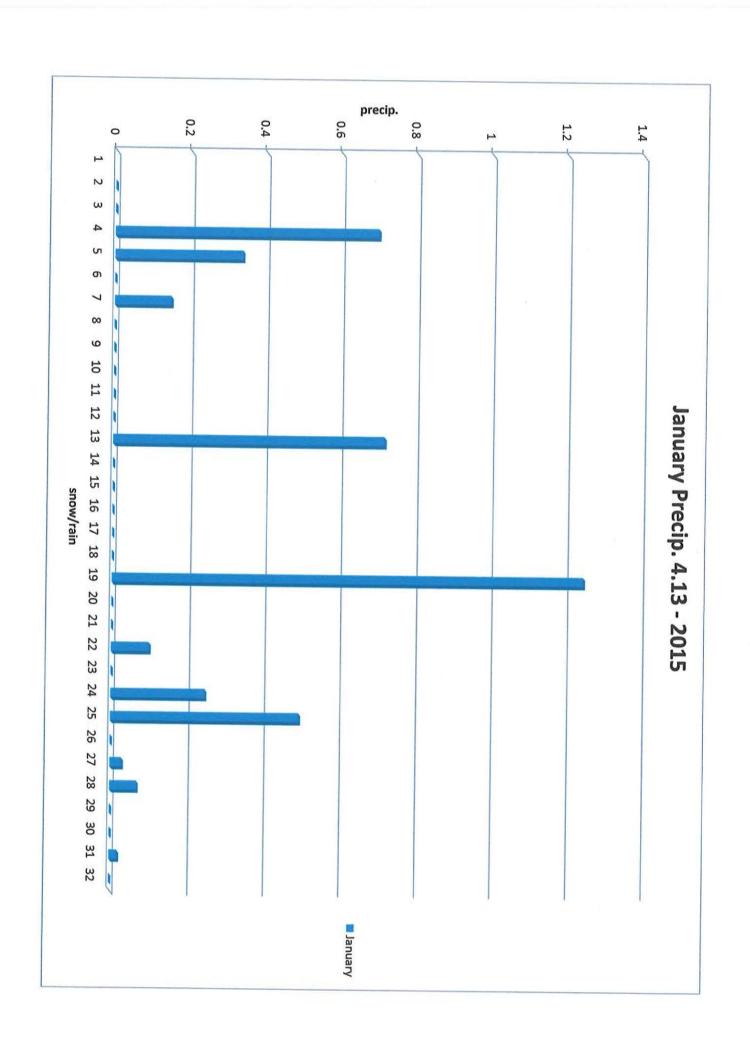
 | | | |

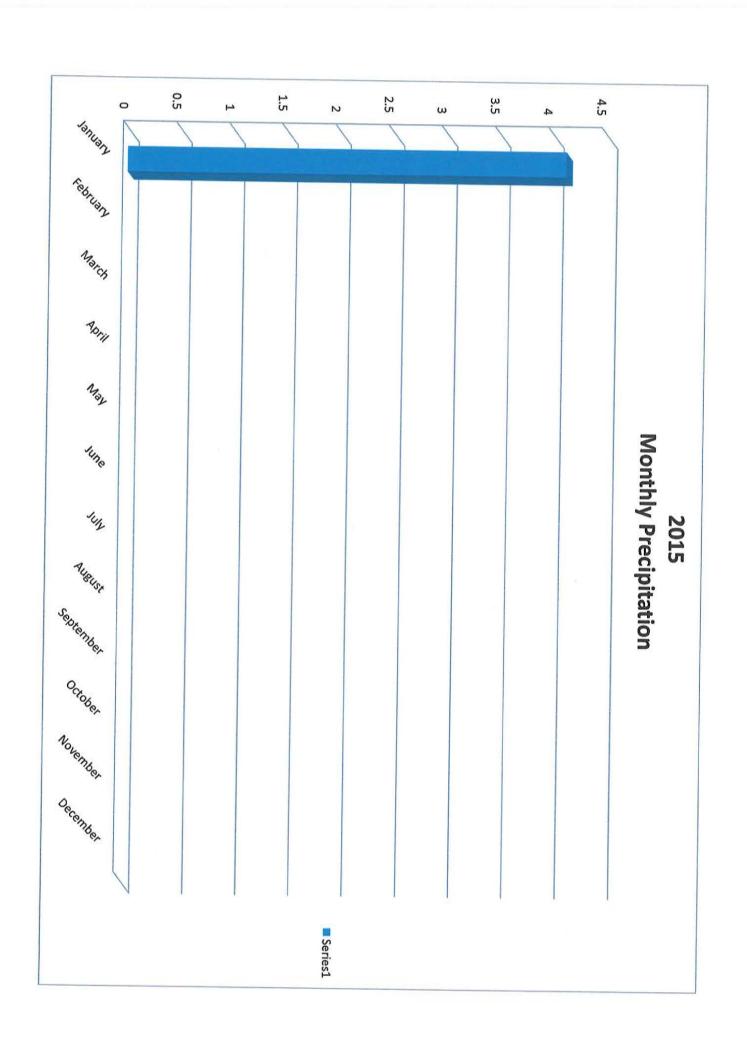
 | 12,030
 | 10.350
 | 11 155 | 12,002 | 12 802 | | | | GPD | LHAAN
 | AVIVO | NO |
| | | | | | | | | | | | | | |
 |

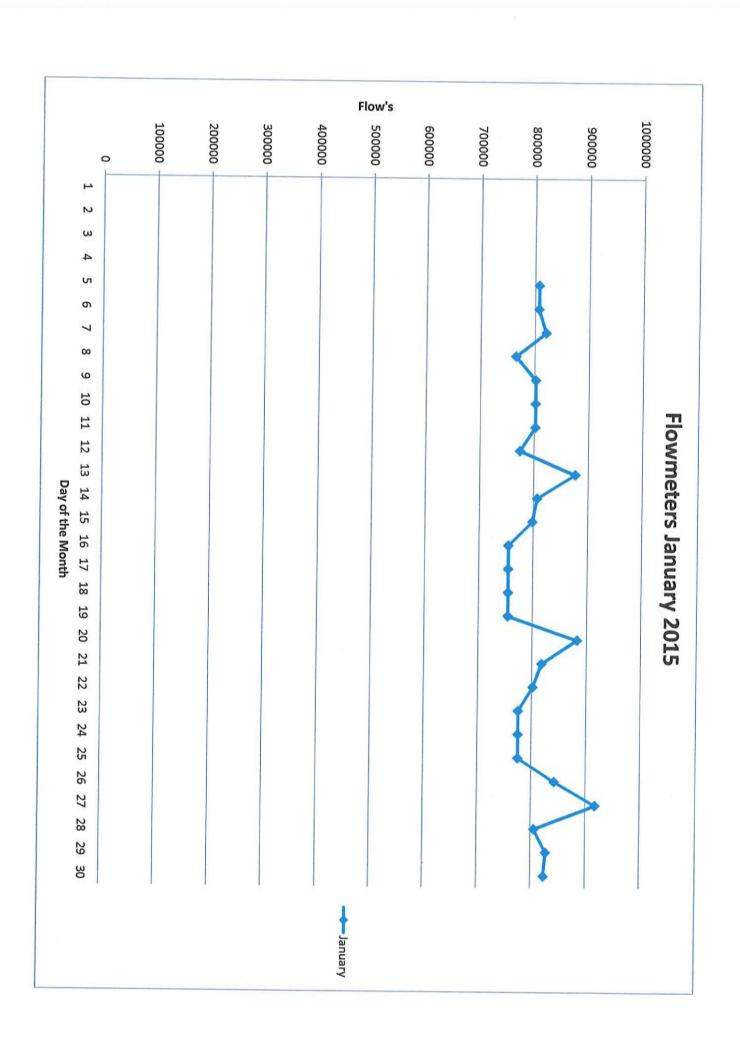
 | |

 | | | |

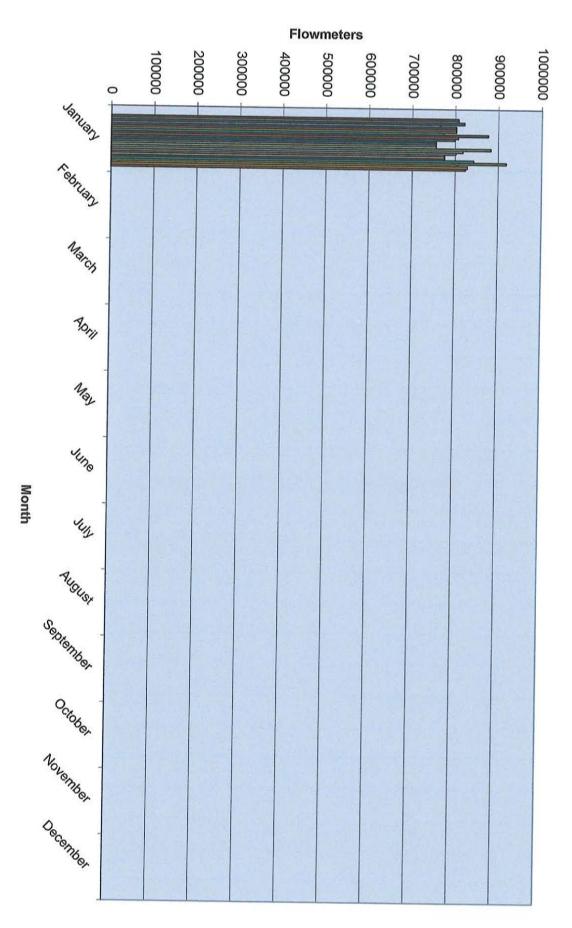
 |
 |
 | | | | | | | |
 | | |
| | 18 18 18 202,0 | 1,082,815 4,520,991 12,718,690 2 | 60,156 251,166 706,594 1,082,815 4,520,991 12,718,690 2 18 18 18 18 | 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 | 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,496,322 60,156 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 2 18 18 18 2 | 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,495,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 72,718,690 2 1,082,815 4,520,991 12,718,690 2 | 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 2 18 18 2 | 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 706,594 24,520,991 12,718,690 24,540 24,520,991 12,718,690 24,540 24,520,991 12,718,690 24,540 24,520,991 12,718,690 24,540 | 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 2 1,849,720 12,718,690 2 | 2,046,371 36,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,391 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 2 2 1,849,740 4,520,991 12,718,690 2 | 2.047,80Z 57,700 18,290,09Z 269,810 64,632,660 701,000 3,488,037 2.048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2.050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2.050,390 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2.051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2.052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2.052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 2 2 | 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,486,926 2,247,802 57,700 18,290,092 269,810 64,632,660 701,000 3,488,037 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,390 64,300 18,416,108 285,540 64,996,541 794,600 3,494,124 2,050,981 68,100 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,194 706,594 706,594 1,082,815 4,520,991 12,718,690 2 2 1,082,815 4,520,991 12,718,690 2 | 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,486,926 2,047,802 57,700 18,290,092 269,810 64,632,660 701,000 3,488,037 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,391 68,100 18,416,108 285,540 64,996,541 794,600 3,494,124 2,050,981 68,100 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 | 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,486,926 2,047,802 57,700 18,290,092 269,810 64,332,660 701,000 3,488,037 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,390 68,100 18,416,108 285,540 64,996,541 794,500 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200
3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 12,718,690 2 | 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,486,926 2,047,802 57,700 18,290,092 269,810 64,322,660 701,000 3,488,037 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 706,594 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 12,718,690 2 <td>2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,485,893 2,047,802 57,700 18,290,092 269,810 64,562,560 701,000 3,486,926 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,416,108 285,540 64,996,541 794,500 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 12,718,690 2</td> <td>10 2,043,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 10 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 12,047,225 56,800 18,236,698 244,860 64,562,560 718,490 3,485,893 12,047,802 57,700 18,290,092 269,810 64,562,560 701,000 3,485,893 12,047,802 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 12,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 12,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 12,050,300 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783 12,051,559 57,800 18,469,244 241,380 65,064,927 683,860 3,495,252 2,052,732 61,300 18,469,260 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540<!--</td--><td>2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 2,043,686 54,600 18,138,754 241,680 64,136,279 651,640 3,480,948 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 701,000 3,486,926 2,047,802 57,700 18,387,554 237,413 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348</td><td>2,4,1,3,3,3 04,000 18,082,300 234,320 63,991,353 793,340 3,477,842 1,2,042,577 61,800 18,088,514 256,720 64,131,115 698,820 3,478,899 1,2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,9964 1,2,043,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,2,043,686 54,600 18,138,754 244,860 64,490,711 736,080 3,480,948 1,2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,2316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,446,946 288,020 65,964,927 683,860 3,492,783</td><td>2,241,353 64,000 18,039,104 235,013 63,912,019 642,200 3,476,683 2,244,359 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 2,242,577 61,800 18,1088,514 259,580 64,061,235 698,800 3,478,899 2,243,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 2,243,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,246,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,236,598 244,860 64,490,711 736,080 3,485,893 2,047,802 57,700 18,236,331 262,380 64,701,760 691,000 3,485,926 2,047,802 57,700 18,387,554 237,413 64,917,081 717,737 3,485,926 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783</td><td>0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,476,683 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,480,948 0. 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2,047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,489,047 2,050,981 68,100 18,481,294 237,413 64,917,081 717,737<td>0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,485,893 1. 2,047,825 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 2,047,802 57,800 18,3316,330 262,380 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,490 18,492,046 288,020 65,04,927 683,860<!--</td--><td>01 2,039,513 56,500 17,968,600 266,160 63,719,359 699,310 3,473,276 02,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02,042,577 61,800 18,082,556 234,520 63,991,353 793,340
 3,477,842 02,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 02,043,586 54,600 18,138,754 241,680 64,196,279 651,640 3,478,994 02,045,657 74,275 18,236,698 244,860 64,196,279 651,640 3,480,948 02,045,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,926 02,047,225 56,800 18,263,111 264,130 64,562,560 710,000 3,486,926 02,047,802 57,700 18,2316,330 262,380 64,701,760 691,000 3,488,937 02,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,492,783</td><td>D 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 D 2,039,513 56,500 17,988,600 266,160 63,719,359 699,310 3,473,276 D 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 D 2,041,959 64,600 18,062,556 234,520 63,991,333 793,340 3,477,842 D 2,042,577 61,800 18,1088,514 259,580 64,061,235 698,820 3,478,899 D 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 D 2,043,568 54,600 18,138,754 241,860 64,490,711 736,080 3,480,948 D 2,043,568 54,600 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2048,371 56,900 18,387,554 237,413 64,532,660 718,490 3,485,893 1,2050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,159 5</td><td>02 2,038,4413 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 02 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02 2,041,313 60,000 18,025,566 234,520 63,991,363 793,340 3,477,842 02 2,042,577 61,800 18,114,586 260,720 64,131,115 698,220 3,478,899 02 2,043,666 54,600 18,138,754 241,860 64,196,279 651,600 3,485,893 02 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 02,047,225 56,800 18,236,330 262,380 64,522,560 701,000 3,485,993 02,047,257 56,900</td><td>0. 2,038,413 58,400 17,916,996 274,580 63,5628 732,035 3,471,038 0. 2,038,948 53,500 17,941,984 249,880 63,562,628 732,035 3,471,038 0. 2,038,913 56,500 17,941,984 249,880 63,562,628 732,035 3,472,073 0. 2,041,313 56,500 17,968,600 266,160 63,719,359 699,310 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,038,514 259,580 64,991,353 793,340 3,478,899 0. 2,043,686 54,600 18,148,686 260,720 64,131,115 698,800 3,478,899 0. 2,047,802 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 0 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2,038,948 53,500 17,968,600 266,160 63,719,359 699,310 3,473,276 0 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 1 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,478,683 1 2,042,577 61,800 18,038,514 259,380 64,061,235 698,820 3,478,683 1 2,043,140 56,300 18,144,586 260,720 64,191,215 698,800 3,478,964 2,043,686 54,600 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,225 56,800</td><td>2 2 2 2 2 2 2 2 2 2 3,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2 2 2 3,471,038 3,468,807 3,471,038 3,471,038 0 2 2 3,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 3,471,934 249,880 63,949,428 668,000 3,473,276 0 2 3,471,934 235,013 63,912,019 642,200 3,476,883 0 2 3,471,934 235,530 64,691,335 793,340 3,477,842 0 2,043,540 3,688,521 234,520 63,991,353 793,340 3,477,842 0 2,043,541 3,688,521 241,580 64,196,171 3,488,933 3,478,899 0 2,043,541 3,488,311 2,241,860 64,490,711 736,080 3,488,926 1 2,043,871 3</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 2 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 3 2,038,948 53,500 17,941,994 249,880 63,649,428 668,000 3,472,073 3 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,052,566 234,520 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,883 3 2,041,959 64,001,236 244,600 64,131,115 688,800 3,478,899 4 2,043,661 54,800 18,236,698 244,860 64,490,711 736,080 3,485,933 2,0</td><td>2 2.037.245 63,940 17,962,080 123,804 63,436,221 661,398 3,478,807 17,916,996 274,580 63,692,528 732,035 3,471,038 2,038,941 553,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,041,959 64,600 18,062,556 224,520 63,91,353 793,340 3,473,276 2,042,577 61,800 18,068,514 259,580 64,061,225 698,820 3,478,839 2,043,568 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 259,580 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 269,310 64,362,560 701,000 3,480,948 2,047,225 56,800 18,238,754 241,680 64,490,711 736,080 3,480,948 2,047,225 56,800 18,238,754 264,330 64,562,560 701,000 3,480,948 2,047,225 56,800 18,238,7554 2241,880 64,701,760 691,000 3,480,948 2,050,391 68,300 18,387,554 237,413 64,917,081 774,700 3,482,923 2,052,391 68,000 18,387,554 237,413 64,917,081 774,700 3,492,783 2,052,119 56,000 18,480,944 241,360 65,049,927 683,860 3,492,783 2,052,732 61,300 18,480,946 226,380 65,049,27 683,860 3,493,27 2,052,732 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,373 61,300 18,490,240 65,207,965 706,180 3,493,322 2,265,373 61,300 18,497,200 2261,540 65,207,965 706,180 3,497,348 360 60,156 45,500,991 18,497,240 226,3991 12,718,990 226,3991 12,7</td><td>2 2.037,245 63,940 17,862,080 123,804 63,426,221 661,398 3,468,807 17,916,996 274,890 63,562,628 732,035 3,471,038 0,2038,948 53,500 17,941,984 249,880 63,649,428
668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,948,960 266,160 63,719,359 699,310 3,473,276 2,041,313 60,000 18,038,514 229,580 64,061,235 698,820 3,478,829 2,041,359 64,600 18,062,566 234,520 63,991,353 793,340 3,476,683 2,042,577 61,800 18,108,514 229,580 64,191,275 698,800 3,479,964 2,043,3140 56,300 18,114,586 2260,720 64,131,115 698,800 3,479,964 2,043,3140 56,300 18,138,754 241,880 64,196,279 651,640 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,387,554 229,810 64,532,560 701,000 3,486,996 2,047,802 56,900 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,985 706,180 3,492,783 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 60,</td><td>READING GPD READING CAPATONA GRADING GPD READING CAPATONA CAPATONA CAPATONA CAPATONA GRADING CAPATONA CAPATO</td><td> ASHBRIDGE</td></td></td></td> | 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 718,490 3,485,893 2,047,802 57,700 18,290,092 269,810 64,562,560 701,000 3,486,926 2,048,371 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,416,108 285,540 64,996,541 794,500 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 251,166 251,166 706,594 706,594 706,594 706,594 1,082,815 4,520,991 12,718,690 12,718,690 2 | 10 2,043,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 10 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 12,047,225 56,800 18,236,698 244,860 64,562,560 718,490 3,485,893 12,047,802 57,700 18,290,092 269,810 64,562,560 701,000 3,485,893 12,047,802 56,900 18,316,330 262,380 64,701,760 691,000 3,489,047 12,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 12,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 12,050,300 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783 12,051,559 57,800 18,469,244 241,380 65,064,927 683,860 3,495,252 2,052,732 61,300 18,469,260 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 </td <td>2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 2,043,686 54,600 18,138,754 241,680 64,136,279 651,640 3,480,948 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 701,000 3,486,926 2,047,802 57,700 18,387,554 237,413 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348</td> <td>2,4,1,3,3,3 04,000 18,082,300 234,320 63,991,353 793,340 3,477,842 1,2,042,577 61,800 18,088,514 256,720 64,131,115 698,820 3,478,899 1,2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,9964 1,2,043,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,2,043,686 54,600 18,138,754 244,860 64,490,711 736,080 3,480,948 1,2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,2316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,446,946 288,020 65,964,927 683,860 3,492,783</td> <td>2,241,353 64,000 18,039,104 235,013 63,912,019 642,200 3,476,683 2,244,359 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 2,242,577 61,800 18,1088,514 259,580 64,061,235 698,800 3,478,899 2,243,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 2,243,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,246,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,236,598 244,860 64,490,711 736,080 3,485,893 2,047,802 57,700 18,236,331 262,380 64,701,760 691,000 3,485,926 2,047,802 57,700 18,387,554 237,413 64,917,081 717,737 3,485,926 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783</td> <td>0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,476,683 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,480,948 0. 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2,047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,489,047 2,050,981 68,100 18,481,294 237,413 64,917,081 717,737<td>0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,485,893 1. 2,047,825 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893
 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 2,047,802 57,800 18,3316,330 262,380 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,490 18,492,046 288,020 65,04,927 683,860<!--</td--><td>01 2,039,513 56,500 17,968,600 266,160 63,719,359 699,310 3,473,276 02,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02,042,577 61,800 18,082,556 234,520 63,991,353 793,340 3,477,842 02,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 02,043,586 54,600 18,138,754 241,680 64,196,279 651,640 3,478,994 02,045,657 74,275 18,236,698 244,860 64,196,279 651,640 3,480,948 02,045,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,926 02,047,225 56,800 18,263,111 264,130 64,562,560 710,000 3,486,926 02,047,802 57,700 18,2316,330 262,380 64,701,760 691,000 3,488,937 02,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,492,783</td><td>D 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 D 2,039,513 56,500 17,988,600 266,160 63,719,359 699,310 3,473,276 D 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 D 2,041,959 64,600 18,062,556 234,520 63,991,333 793,340 3,477,842 D 2,042,577 61,800 18,1088,514 259,580 64,061,235 698,820 3,478,899 D 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 D 2,043,568 54,600 18,138,754 241,860 64,490,711 736,080 3,480,948 D 2,043,568 54,600 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2048,371 56,900 18,387,554 237,413 64,532,660 718,490 3,485,893 1,2050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,159 5</td><td>02 2,038,4413 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 02 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02 2,041,313 60,000 18,025,566 234,520 63,991,363 793,340 3,477,842 02 2,042,577 61,800 18,114,586 260,720 64,131,115 698,220 3,478,899 02 2,043,666 54,600 18,138,754 241,860 64,196,279 651,600 3,485,893 02 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 02,047,225 56,800 18,236,330 262,380 64,522,560 701,000 3,485,993 02,047,257 56,900</td><td>0. 2,038,413 58,400 17,916,996 274,580 63,5628 732,035 3,471,038 0. 2,038,948 53,500 17,941,984 249,880 63,562,628 732,035 3,471,038 0. 2,038,913 56,500 17,941,984 249,880 63,562,628 732,035 3,472,073 0. 2,041,313 56,500 17,968,600 266,160 63,719,359 699,310 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,038,514 259,580 64,991,353 793,340 3,478,899 0. 2,043,686 54,600 18,148,686 260,720 64,131,115 698,800 3,478,899 0. 2,047,802 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 0 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2,038,948 53,500 17,968,600 266,160 63,719,359 699,310 3,473,276 0 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 1 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,478,683 1 2,042,577 61,800 18,038,514 259,380 64,061,235 698,820 3,478,683 1 2,043,140 56,300 18,144,586 260,720 64,191,215 698,800 3,478,964 2,043,686 54,600 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,225 56,800</td><td>2 2 2 2 2 2 2 2 2 2 3,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2 2 2 3,471,038 3,468,807 3,471,038 3,471,038 0 2 2 3,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 3,471,934 249,880 63,949,428 668,000 3,473,276 0 2 3,471,934 235,013 63,912,019 642,200 3,476,883 0 2 3,471,934 235,530 64,691,335 793,340 3,477,842 0 2,043,540 3,688,521 234,520 63,991,353 793,340 3,477,842 0 2,043,541 3,688,521 241,580 64,196,171 3,488,933 3,478,899 0 2,043,541 3,488,311 2,241,860 64,490,711 736,080 3,488,926 1 2,043,871 3</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 2 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 3 2,038,948 53,500 17,941,994 249,880 63,649,428 668,000 3,472,073 3 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,052,566 234,520 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,883 3 2,041,959 64,001,236 244,600 64,131,115 688,800 3,478,899 4 2,043,661 54,800 18,236,698 244,860 64,490,711 736,080 3,485,933 2,0</td><td>2 2.037.245 63,940 17,962,080 123,804 63,436,221 661,398 3,478,807 17,916,996 274,580 63,692,528 732,035 3,471,038 2,038,941 553,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,041,959 64,600 18,062,556 224,520 63,91,353 793,340 3,473,276 2,042,577 61,800 18,068,514 259,580 64,061,225 698,820 3,478,839 2,043,568 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 259,580 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 269,310 64,362,560 701,000 3,480,948 2,047,225 56,800 18,238,754 241,680 64,490,711 736,080 3,480,948 2,047,225 56,800 18,238,754 264,330 64,562,560 701,000 3,480,948 2,047,225 56,800 18,238,7554 2241,880 64,701,760 691,000 3,480,948 2,050,391 68,300 18,387,554 237,413 64,917,081 774,700 3,482,923 2,052,391 68,000 18,387,554 237,413 64,917,081 774,700 3,492,783 2,052,119 56,000 18,480,944 241,360 65,049,927 683,860 3,492,783 2,052,732 61,300 18,480,946 226,380 65,049,27 683,860 3,493,27 2,052,732 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,373 61,300 18,490,240 65,207,965 706,180 3,493,322 2,265,373 61,300 18,497,200 2261,540 65,207,965 706,180 3,497,348 360 60,156 45,500,991 18,497,240 226,3991 12,718,990 226,3991 12,718,990
226,3991 12,718,990 226,3991 12,7</td><td>2 2.037,245 63,940 17,862,080 123,804 63,426,221 661,398 3,468,807 17,916,996 274,890 63,562,628 732,035 3,471,038 0,2038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,948,960 266,160 63,719,359 699,310 3,473,276 2,041,313 60,000 18,038,514 229,580 64,061,235 698,820 3,478,829 2,041,359 64,600 18,062,566 234,520 63,991,353 793,340 3,476,683 2,042,577 61,800 18,108,514 229,580 64,191,275 698,800 3,479,964 2,043,3140 56,300 18,114,586 2260,720 64,131,115 698,800 3,479,964 2,043,3140 56,300 18,138,754 241,880 64,196,279 651,640 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,387,554 229,810 64,532,560 701,000 3,486,996 2,047,802 56,900 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,985 706,180 3,492,783 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 60,</td><td>READING GPD READING CAPATONA GRADING GPD READING CAPATONA CAPATONA CAPATONA CAPATONA GRADING CAPATONA CAPATO</td><td> ASHBRIDGE</td></td></td> | 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 1 2,043,686 54,600 18,138,754 241,680 64,131,115 698,800 3,479,964 2,043,686 54,600 18,138,754 241,680 64,136,279 651,640 3,480,948 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,263,111 264,130 64,562,560 701,000 3,486,926 2,047,802 57,700 18,387,554 237,413 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,559 57,800 18,440,244 241,360 65,064,927 683,860 3,495,252 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 | 2,4,1,3,3,3 04,000 18,082,300 234,320 63,991,353 793,340 3,477,842 1,2,042,577 61,800 18,088,514 256,720 64,131,115 698,820 3,478,899 1,2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,9964 1,2,043,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,2,043,686 54,600 18,138,754 244,860 64,490,711 736,080 3,480,948 1,2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,2316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,316,330 262,380 64,701,760 691,000 3,488,926 2,047,802 57,800 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,100 18,446,946 288,020 65,964,927 683,860 3,492,783 | 2,241,353 64,000 18,039,104 235,013 63,912,019 642,200 3,476,683 2,244,359 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 2,242,577 61,800 18,1088,514 259,580 64,061,235 698,800 3,478,899 2,243,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 2,243,686 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 1,246,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 2,047,225 56,800 18,236,598 244,860 64,490,711 736,080 3,485,893 2,047,802 57,700 18,236,331 262,380 64,701,760 691,000 3,485,926 2,047,802 57,700 18,387,554 237,413 64,917,081 717,737 3,485,926 2,050,981 68,100 18,416,108 285,540 64,996,541 794,600 3,492,783 | 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,476,683 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,480,948 0. 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2,047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,926 1,2,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,489,047 2,050,981 68,100 18,481,294 237,413 64,917,081 717,737 <td>0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,485,893 1. 2,047,825 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 2,047,802 57,800 18,3316,330 262,380 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,490 18,492,046 288,020 65,04,927 683,860<!--</td--><td>01 2,039,513 56,500 17,968,600 266,160 63,719,359 699,310 3,473,276 02,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02,042,577 61,800 18,082,556 234,520 63,991,353 793,340 3,477,842 02,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 02,043,586 54,600 18,138,754 241,680 64,196,279 651,640 3,478,994 02,045,657 74,275 18,236,698 244,860 64,196,279 651,640 3,480,948 02,045,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,926 02,047,225 56,800 18,263,111 264,130 64,562,560 710,000 3,486,926 02,047,802 57,700 18,2316,330 262,380 64,701,760 691,000 3,488,937
 02,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,492,783</td><td>D 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 D 2,039,513 56,500 17,988,600 266,160 63,719,359 699,310 3,473,276 D 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 D 2,041,959 64,600 18,062,556 234,520 63,991,333 793,340 3,477,842 D 2,042,577 61,800 18,1088,514 259,580 64,061,235 698,820 3,478,899 D 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 D 2,043,568 54,600 18,138,754 241,860 64,490,711 736,080 3,480,948 D 2,043,568 54,600 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2048,371 56,900 18,387,554 237,413 64,532,660 718,490 3,485,893 1,2050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,159 5</td><td>02 2,038,4413 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 02 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02 2,041,313 60,000 18,025,566 234,520 63,991,363 793,340 3,477,842 02 2,042,577 61,800 18,114,586 260,720 64,131,115 698,220 3,478,899 02 2,043,666 54,600 18,138,754 241,860 64,196,279 651,600 3,485,893 02 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 02,047,225 56,800 18,236,330 262,380 64,522,560 701,000 3,485,993 02,047,257 56,900</td><td>0. 2,038,413 58,400 17,916,996 274,580 63,5628 732,035 3,471,038 0. 2,038,948 53,500 17,941,984 249,880 63,562,628 732,035 3,471,038 0. 2,038,913 56,500 17,941,984 249,880 63,562,628 732,035 3,472,073 0. 2,041,313 56,500 17,968,600 266,160 63,719,359 699,310 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,038,514 259,580 64,991,353 793,340 3,478,899 0. 2,043,686 54,600 18,148,686 260,720 64,131,115 698,800 3,478,899 0. 2,047,802 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 0 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2,038,948 53,500 17,968,600 266,160 63,719,359 699,310 3,473,276 0 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 1 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,478,683 1 2,042,577 61,800 18,038,514 259,380 64,061,235 698,820 3,478,683 1 2,043,140 56,300 18,144,586 260,720 64,191,215 698,800 3,478,964 2,043,686 54,600 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,225 56,800</td><td>2 2 2 2 2 2 2 2 2 2 3,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2 2 2 3,471,038 3,468,807 3,471,038 3,471,038 0 2 2 3,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 3,471,934 249,880 63,949,428 668,000 3,473,276 0 2 3,471,934 235,013 63,912,019 642,200 3,476,883 0 2 3,471,934 235,530 64,691,335 793,340 3,477,842 0 2,043,540 3,688,521 234,520 63,991,353 793,340 3,477,842 0 2,043,541 3,688,521 241,580 64,196,171 3,488,933 3,478,899 0 2,043,541 3,488,311 2,241,860 64,490,711 736,080 3,488,926 1 2,043,871 3</td><td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 2 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 3 2,038,948 53,500 17,941,994 249,880 63,649,428 668,000 3,472,073 3 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,052,566 234,520 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,883 3 2,041,959 64,001,236 244,600 64,131,115 688,800 3,478,899 4 2,043,661 54,800 18,236,698 244,860 64,490,711 736,080 3,485,933 2,0</td><td>2 2.037.245 63,940 17,962,080 123,804 63,436,221 661,398 3,478,807 17,916,996 274,580 63,692,528 732,035 3,471,038 2,038,941 553,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,041,959 64,600 18,062,556 224,520 63,91,353 793,340 3,473,276 2,042,577 61,800 18,068,514 259,580 64,061,225 698,820 3,478,839 2,043,568 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 259,580 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 269,310 64,362,560 701,000 3,480,948 2,047,225 56,800 18,238,754 241,680 64,490,711 736,080 3,480,948 2,047,225 56,800 18,238,754 264,330 64,562,560 701,000 3,480,948 2,047,225 56,800 18,238,7554 2241,880 64,701,760 691,000 3,480,948 2,050,391 68,300 18,387,554 237,413 64,917,081 774,700 3,482,923 2,052,391 68,000 18,387,554 237,413 64,917,081 774,700 3,492,783 2,052,119 56,000 18,480,944 241,360 65,049,927 683,860 3,492,783 2,052,732 61,300 18,480,946 226,380 65,049,27 683,860 3,493,27 2,052,732 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,373 61,300 18,490,240 65,207,965 706,180 3,493,322 2,265,373 61,300 18,497,200 2261,540 65,207,965 706,180 3,497,348 360 60,156 45,500,991 18,497,240 226,3991 12,718,990 226,3991 12,7</td><td>2 2.037,245 63,940 17,862,080 123,804 63,426,221 661,398 3,468,807 17,916,996 274,890 63,562,628 732,035 3,471,038 0,2038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,948,960 266,160 63,719,359 699,310 3,473,276 2,041,313 60,000 18,038,514 229,580 64,061,235 698,820 3,478,829 2,041,359 64,600 18,062,566 234,520 63,991,353 793,340 3,476,683 2,042,577 61,800 18,108,514 229,580 64,191,275 698,800 3,479,964 2,043,3140 56,300 18,114,586 2260,720 64,131,115 698,800 3,479,964 2,043,3140 56,300 18,138,754 241,880 64,196,279 651,640 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,387,554 229,810 64,532,560 701,000 3,486,996 2,047,802 56,900 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300
18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,985 706,180 3,492,783 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 60,</td><td>READING GPD READING CAPATONA GRADING GPD READING CAPATONA CAPATONA CAPATONA CAPATONA GRADING CAPATONA CAPATO</td><td> ASHBRIDGE</td></td> | 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,959 64,600 18,062,556 234,520 63,991,353 793,340 3,477,842 0. 2,042,577 61,800 18,088,514 259,580 64,061,235 698,820 3,478,899 0. 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 0. 2,043,686 54,600 18,138,754 241,680 64,490,711 736,080 3,485,893 1. 2,047,825 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 1. 2,047,802 57,700 18,290,092 299,810 64,562,560 701,000 3,485,893 2,047,802 57,800 18,3316,330 262,380 64,701,760 691,000 3,488,037 2,050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,050,300 68,490 18,492,046 288,020 65,04,927 683,860 </td <td>01 2,039,513 56,500 17,968,600 266,160 63,719,359 699,310 3,473,276 02,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02,042,577 61,800 18,082,556 234,520 63,991,353 793,340 3,477,842 02,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 02,043,586 54,600 18,138,754 241,680 64,196,279 651,640 3,478,994 02,045,657 74,275 18,236,698 244,860 64,196,279 651,640 3,480,948 02,045,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,926 02,047,225 56,800 18,263,111 264,130 64,562,560 710,000 3,486,926 02,047,802 57,700 18,2316,330 262,380 64,701,760 691,000 3,488,937 02,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,492,783</td> <td>D 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 D 2,039,513 56,500 17,988,600 266,160 63,719,359 699,310 3,473,276 D 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 D 2,041,959 64,600 18,062,556 234,520 63,991,333 793,340 3,477,842 D 2,042,577 61,800 18,1088,514 259,580 64,061,235 698,820 3,478,899 D 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 D 2,043,568 54,600 18,138,754 241,860 64,490,711 736,080 3,480,948 D 2,043,568 54,600 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2048,371 56,900 18,387,554 237,413 64,532,660 718,490 3,485,893 1,2050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,159 5</td> <td>02 2,038,4413 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 02 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02 2,041,313 60,000 18,025,566 234,520 63,991,363 793,340 3,477,842 02 2,042,577 61,800 18,114,586 260,720 64,131,115 698,220 3,478,899 02 2,043,666 54,600 18,138,754 241,860 64,196,279 651,600 3,485,893 02 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 02,047,225 56,800 18,236,330 262,380 64,522,560 701,000 3,485,993 02,047,257 56,900</td> <td>0. 2,038,413 58,400 17,916,996 274,580 63,5628 732,035 3,471,038 0. 2,038,948 53,500 17,941,984 249,880 63,562,628 732,035 3,471,038 0. 2,038,913 56,500 17,941,984 249,880 63,562,628 732,035 3,472,073 0. 2,041,313 56,500 17,968,600 266,160 63,719,359 699,310 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,038,514 259,580 64,991,353 793,340 3,478,899 0. 2,043,686 54,600 18,148,686 260,720 64,131,115 698,800 3,478,899 0. 2,047,802 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736</td> <td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 0 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2,038,948 53,500 17,968,600 266,160 63,719,359 699,310 3,473,276 0 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 1 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,478,683 1 2,042,577 61,800 18,038,514 259,380 64,061,235 698,820 3,478,683 1 2,043,140 56,300 18,144,586 260,720 64,191,215 698,800 3,478,964 2,043,686 54,600 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,225 56,800</td> <td>2 2 2 2 2 2 2 2 2 2 3,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2 2 2 3,471,038 3,468,807 3,471,038 3,471,038 0 2 2 3,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 3,471,934 249,880 63,949,428 668,000 3,473,276 0 2 3,471,934 235,013 63,912,019 642,200 3,476,883 0 2 3,471,934 235,530 64,691,335 793,340 3,477,842 0 2,043,540 3,688,521 234,520 63,991,353 793,340 3,477,842 0 2,043,541 3,688,521 241,580 64,196,171 3,488,933 3,478,899 0 2,043,541 3,488,311 2,241,860 64,490,711 736,080 3,488,926 1 2,043,871 3</td> <td>2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 2 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 3 2,038,948 53,500 17,941,994 249,880 63,649,428 668,000 3,472,073 3 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959
64,600 18,052,566 234,520 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,883 3 2,041,959 64,001,236 244,600 64,131,115 688,800 3,478,899 4 2,043,661 54,800 18,236,698 244,860 64,490,711 736,080 3,485,933 2,0</td> <td>2 2.037.245 63,940 17,962,080 123,804 63,436,221 661,398 3,478,807 17,916,996 274,580 63,692,528 732,035 3,471,038 2,038,941 553,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,041,959 64,600 18,062,556 224,520 63,91,353 793,340 3,473,276 2,042,577 61,800 18,068,514 259,580 64,061,225 698,820 3,478,839 2,043,568 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 259,580 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 269,310 64,362,560 701,000 3,480,948 2,047,225 56,800 18,238,754 241,680 64,490,711 736,080 3,480,948 2,047,225 56,800 18,238,754 264,330 64,562,560 701,000 3,480,948 2,047,225 56,800 18,238,7554 2241,880 64,701,760 691,000 3,480,948 2,050,391 68,300 18,387,554 237,413 64,917,081 774,700 3,482,923 2,052,391 68,000 18,387,554 237,413 64,917,081 774,700 3,492,783 2,052,119 56,000 18,480,944 241,360 65,049,927 683,860 3,492,783 2,052,732 61,300 18,480,946 226,380 65,049,27 683,860 3,493,27 2,052,732 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,373 61,300 18,490,240 65,207,965 706,180 3,493,322 2,265,373 61,300 18,497,200 2261,540 65,207,965 706,180 3,497,348 360 60,156 45,500,991 18,497,240 226,3991 12,718,990 226,3991 12,7</td> <td>2 2.037,245 63,940 17,862,080 123,804 63,426,221 661,398 3,468,807 17,916,996 274,890 63,562,628 732,035 3,471,038 0,2038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,948,960 266,160 63,719,359 699,310 3,473,276 2,041,313 60,000 18,038,514 229,580 64,061,235 698,820 3,478,829 2,041,359 64,600 18,062,566 234,520 63,991,353 793,340 3,476,683 2,042,577 61,800 18,108,514 229,580 64,191,275 698,800 3,479,964 2,043,3140 56,300 18,114,586 2260,720 64,131,115 698,800 3,479,964 2,043,3140 56,300 18,138,754 241,880 64,196,279 651,640 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,387,554 229,810 64,532,560 701,000 3,486,996 2,047,802 56,900 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,985 706,180 3,492,783 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 60,</td> <td>READING GPD READING CAPATONA GRADING GPD READING CAPATONA CAPATONA CAPATONA CAPATONA GRADING CAPATONA CAPATO</td> <td> ASHBRIDGE</td> | 01 2,039,513 56,500 17,968,600 266,160 63,719,359 699,310 3,473,276 02,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02,042,577 61,800 18,082,556 234,520 63,991,353 793,340 3,477,842 02,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,478,899 02,043,586 54,600 18,138,754 241,680 64,196,279 651,640 3,478,994 02,045,657 74,275 18,236,698 244,860 64,196,279 651,640 3,480,948 02,045,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,926 02,047,225 56,800 18,263,111 264,130 64,562,560 710,000 3,486,926 02,047,802 57,700 18,2316,330 262,380 64,701,760 691,000 3,488,937 02,048,371 56,900 18,387,554 237,413 64,917,081 717,737 3,492,783 | D 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 D 2,039,513 56,500 17,988,600 266,160 63,719,359 699,310 3,473,276 D 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 D 2,041,959 64,600 18,062,556 234,520 63,991,333 793,340 3,477,842 D 2,042,577 61,800 18,1088,514 259,580 64,061,235 698,820 3,478,899 D 2,043,140 56,300 18,114,586 260,720 64,131,115 698,800 3,479,964 D 2,043,568 54,600 18,138,754 241,860 64,490,711 736,080 3,480,948 D 2,043,568 54,600 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2047,225 56,800 18,236,698 244,860 64,490,711 736,080 3,485,893 1,2048,371 56,900 18,387,554 237,413 64,532,660 718,490 3,485,893 1,2050,300 64,300 18,387,554 237,413 64,917,081 717,737 3,492,783 2,051,159 5 | 02 2,038,4413 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 02 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 02 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 02 2,041,313 60,000 18,025,566 234,520 63,991,363 793,340 3,477,842 02 2,042,577 61,800 18,114,586 260,720 64,131,115 698,220 3,478,899 02 2,043,666 54,600 18,138,754 241,860 64,196,279 651,600 3,485,893 02 2,046,657 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 02,047,225 56,800 18,236,330 262,380 64,522,560 701,000 3,485,993 02,047,257 56,900 | 0. 2,038,413 58,400 17,916,996 274,580 63,5628 732,035 3,471,038 0. 2,038,948 53,500 17,941,984 249,880 63,562,628 732,035 3,471,038 0. 2,038,913 56,500 17,941,984 249,880 63,562,628 732,035 3,472,073 0. 2,041,313 56,500 17,968,600 266,160 63,719,359 699,310 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 0. 2,041,313 60,000 18,038,514 259,580 64,991,353 793,340 3,478,899 0. 2,043,686 54,600 18,148,686 260,720 64,131,115 698,800 3,478,899 0. 2,047,802 74,275 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736,080 3,485,893 0. 2,047,802 57,700 18,236,698 244,860 64,490,711 736 | 2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2,038,443 58,400 17,916,996 274,580 63,582,628
 732,035 3,471,038 0 2,038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2,038,948 53,500 17,968,600 266,160 63,719,359 699,310 3,473,276 0 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 1 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,478,683 1 2,042,577 61,800 18,038,514 259,380 64,061,235 698,820 3,478,683 1 2,043,140 56,300 18,144,586 260,720 64,191,215 698,800 3,478,964 2,043,686 54,600 18,236,698 244,860 64,490,711 736,080 3,485,926 2,047,225 56,800 | 2 2 2 2 2 2 2 2 2 2 3,940 17,862,080 123,804 63,436,221 661,398 3,468,807 0 2 2 2 3,471,038 3,468,807 3,471,038 3,471,038 0 2 2 3,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 2 3,471,934 249,880 63,649,428 668,000 3,473,276 0 2 3,471,934 249,880 63,949,428 668,000 3,473,276 0 2 3,471,934 235,013 63,912,019 642,200 3,476,883 0 2 3,471,934 235,530 64,691,335 793,340 3,477,842 0 2,043,540 3,688,521 234,520 63,991,353 793,340 3,477,842 0 2,043,541 3,688,521 241,580 64,196,171 3,488,933 3,478,899 0 2,043,541 3,488,311 2,241,860 64,490,711 736,080 3,488,926 1 2,043,871 3 | 2 2,037,245 63,940 17,862,080 123,804 63,436,221 661,398 3,468,807 2 2,038,443 58,400 17,916,996 274,580 63,582,628 732,035 3,471,038 3 2,038,948 53,500 17,941,994 249,880 63,649,428 668,000 3,472,073 3 2,041,313 60,000 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,052,566 234,520 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,683 3 2,041,959 64,600 18,039,104 235,013 63,912,019 642,200 3,476,883 3 2,041,959 64,001,236 244,600 64,131,115 688,800 3,478,899 4 2,043,661 54,800 18,236,698 244,860 64,490,711 736,080 3,485,933 2,0 | 2 2.037.245 63,940 17,962,080 123,804 63,436,221 661,398 3,478,807 17,916,996 274,580 63,692,528 732,035 3,471,038 2,038,941 553,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,041,959 64,600 18,062,556 224,520 63,91,353 793,340 3,473,276 2,042,577 61,800 18,068,514 259,580 64,061,225 698,820 3,478,839 2,043,568 54,600 18,138,754 241,680 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 259,580 64,196,279 651,640 3,480,948 2,047,225 56,800 18,238,514 269,310 64,362,560 701,000 3,480,948 2,047,225 56,800 18,238,754 241,680 64,490,711 736,080 3,480,948 2,047,225 56,800 18,238,754 264,330 64,562,560 701,000 3,480,948 2,047,225 56,800 18,238,7554 2241,880 64,701,760 691,000 3,480,948 2,050,391 68,300 18,387,554 237,413 64,917,081 774,700 3,482,923 2,052,391 68,000 18,387,554 237,413 64,917,081 774,700 3,492,783 2,052,119 56,000 18,480,944 241,360 65,049,927 683,860 3,492,783 2,052,732 61,300 18,480,946 226,380 65,049,27 683,860 3,493,27 2,052,732 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,372 61,300 18,490,240 226,380 65,049,27 683,860 3,493,27 2,265,373 61,300 18,490,240 65,207,965 706,180 3,493,322 2,265,373 61,300 18,497,200 2261,540 65,207,965 706,180 3,497,348 360 60,156 45,500,991 18,497,240 226,3991 12,718,990 226,3991 12,7 | 2 2.037,245 63,940 17,862,080 123,804 63,426,221 661,398 3,468,807 17,916,996 274,890 63,562,628 732,035 3,471,038 0,2038,948 53,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,941,984 249,880 63,649,428 668,000 3,472,073 2,039,513 56,500 17,948,960 266,160 63,719,359 699,310 3,473,276 2,041,313 60,000 18,038,514 229,580 64,061,235 698,820 3,478,829 2,041,359 64,600 18,062,566 234,520 63,991,353 793,340 3,476,683 2,042,577 61,800 18,108,514 229,580 64,191,275 698,800 3,479,964 2,043,3140 56,300 18,114,586 2260,720 64,131,115 698,800 3,479,964 2,043,3140 56,300 18,138,754 241,880 64,196,279 651,640 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,236,698 244,860 64,490,711 736,080 3,486,996 2,047,802 56,300 18,387,554 229,810 64,532,560 701,000 3,486,996 2,047,802 56,900 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,1760 691,000 3,489,047 2,050,300 64,300 18,316,330 285,400 64,907,985 706,180 3,492,783 2,052,119 56,000 18,469,046 288,020 65,137,347 724,200 3,496,322 2,052,732 61,300 18,497,200 281,540 65,207,965 706,180 3,497,348 60,156 60, | READING GPD READING CAPATONA GRADING GPD READING CAPATONA CAPATONA CAPATONA CAPATONA GRADING CAPATONA CAPATO | ASHBRIDGE |











EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY MEETING MINUTES January 12, 2015

The East Goshen Township Municipal Authority held their regular public meeting on Monday, January 12, 2015 at 6:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes, Kevin Cummings, and Dana Pizarro. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio (Township Supervisor), Scott Towler (Big Fish), Mike Ellis (Pennoni), Patrick McKenna (Attorney) and Jessica Wiesak (Attorney).

COMMON ACRONYMS:

BFES - Big Fish Environmental Services

BOS – Board of Supervisors

CB – Conservancy Board DEP – Department of Environmental Protection

EPA – Environmental protection Agency

HC – Historical Commission

I&I - Inflow & Infiltration

LCSTP - Lockwood Chase Sewer Treatment Plant

MA-Municipal Authority

NPDES – National Pollutant Discharge Elimination System

PC – Planning Commission PM – Prevention Maintenance PR – Park & Recreation Board

RCSTP - Ridley Creek Sewer Treatment Plant

SBR – Sequencing Batch Reactor SSO – Sanitary System Overflow WAS – Waste Activated Sludge

Call to Order & Pledge of Allegiance

Jack called the meeting to order at 6:00 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

1. Reorganization - The officers for 2015 assigned by rotation are:

Kevin Cummings - Chairman

Dana Pizarro – Vice Chairman

Ed McAssey - Secretary

Fran Beck – Treasurer

Jack Yahraes - Asst. Secretary/Treasurer

- 2. Kevin reported that he presented the goals and objectives for 2015 at the Annual ABC meeting on Saturday, January 10, 2015. After the meeting he went on the 2 hour bus tour of the Township. They saw where the major parcels are that can be developed and discussed possible uses.
- 3. Kevin mentioned that in the latest MA magazine there is an article about underground cameras and storm water management.

Sewer Reports

1. Director of Public Works

Mark Miller reported for December 2014:

<u>Meters</u>: Were read on a daily basis. The temporary meters were visited once a week. No problems to report.

<u>C.C. Collection</u>: The pump stations were visited on a daily basis, no problems to report. We were notified of three lateral backups. We responded to all three and cleared the blockage. Once we cleared the blockage we televised the line to make sure there were no

tree roots in the line. We were asked to repair 5 lateral caps that were sheared off by lawn mowers. We raised the cleanout pipes and installed new caps.

R.C.Collection: The Hunt Country Pump Station was visited on a daily basis with no problems to report.

R.C. Plant: No problems to report.

Alarms: We responded to 19 alarms for the month of December.

PA One Calls: We received 43 PA One calls in December.

2. Pennoni Engineer's Report

Mike Ellis gave the following report:

<u>Invoices</u>: Invoices with summaries are provided under separate cover.

Reservoir Rd Pump Station:

1. The Act 537 Plan Update was approved by PADEP on January 7, 2015.

- 2. We are initiating work on the pump station concept design. We expect to have a draft concept design of the diversion, a sketch plan of the pump station site, and an outline of the controls concept completed by the Municipal Authority meeting on February 9. We would like to schedule a review meeting with all interested parties (Township staff, RCSTP operator, ect.) the following week.
- 3. Geotechnical investigative drilling at the proposed pump station site is scheduled for Thursday, January 15, weather permitting.
- 4. The existing conditions field survey work is expected to commence by mid-February Semi-Annual I&I Report We analyzed December 2014 portable meter data, and we finalized and submitted the semi-annual I&I report that had been originally drafted in October 2014. The full report was not completed in October due to numerous metering issues that needed to be resolved.

<u>Chapter 94 Reports</u> – We will initiate work on the 2014 Chapter 94 Reports the week of January 12.

Mike reviewed the Semi-Annual Sewer System Status Report #12 and provided a map of East Goshen Township showing the location of the portable meters.

3. Big Fish Environmental Services — Scott reported that the plant was in compliance for November & December. The total Phosphorous is less the .5. They had to reprogram an allen pump. They average 3 million gallons per month of sludge. In the winter they use more sodash. He is getting pricing for decanter tubes for the SBR2. There were no minor repairs or preventative maintenance needed.

Approval of Minutes

Dana moved to accept the minutes of December 8, 2014. Jack seconded the motion. The motion passed unanimously.

Approval of Invoices

- 1. Dana moved to approve payment of the following Pennoni invoices:
 - a. Pennoni #618400

137.50

b. Pennoni #618401

\$ 612.50

Jack seconded the motion. The motion passed unanimously.

2. Jack moved to approve payment of the Gawthrop Invoice #126447 for \$400.00. Dana seconded the motion. The motion passed unanimously.

Liaison Reports

Board of Supervisors – Carmen reported that the first meeting of the new Comprehensive Plan Task Force is at 7:00 tonight. Next Tuesday the BOS will interview candidates for the ABCs.

Financial Reports

Jon Altshul provided the following report:

In December, the Municipal Authority recorded \$21,734 in revenues, primarily from Goshen Meadows tapping fees, and \$35,678 in expenses including \$8,043 for administrative overhead and \$27,235 for the Municipal Authority's 28% share of the debt service on the 1998 note. For the year, the MA recorded \$148,775 in revenues and \$157,869 in expenses. The fund balance was \$1,589,177 as of 12/31/14. Of this amount, \$1,521,706 is in the capital account, primarily from the proceeds of the 2013 note.

Goals

Jack will do an article for the Township newsletter.

Adjourment

There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion. The motion passed unanimously. The meeting was adjourned at 6:35 pm.

Respectfully submitted,

Ruth Kiefer Recording Secretary



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

West Chester, PA 19380-6199 Attention: Louis F. Smith, Twp Mgr. Invoice #: 623589 Invoice Date: 01/29/2015 Project: EGMA1504

Project Name: Reservoir Rd PS Design &

Permitting

For Services Rendered through: 1/18/2015

Initiated evaluation of concept design alternatives for the diversion vault and valving and pump station controls; prepared first draft of conceptual site plan taking into account site constraints including riparian buffer, floodway, clear sight triangle, and Zoning setbacks, amongst other criteria; subcontracted with geotechnical drilling firm and coordinated scheduling with Township staff; on-site observation, documentation, and visual soils analysis of two borings; summarized results to Township via email; and initiated preparation of boring logs. Invoice includes subcontractor's fee to perform the borings.

Phase Code / Name		Contract Amount	Previously Billed	% Complete	Complete To Date	Amount This Invoice
01 Concept Design	est.	\$13,700.00	\$0.00		\$2,267.50	
02 PADEP WQM Permit Pre-Application Mt	est.	\$1,400.00	\$0.00		\$0.00	\$2,267.50 \$0.00
03 Existing Conditions Survey		\$23,300.00	\$0.00	0.00%	\$0.00	\$0.00
04 Sewer Stakeout in Easement Areas	est.	\$3,600.00	\$0.00	3.02.0	\$0.00	
05 1636 Bow Tree Dr Bndry Survey & Eas	s	\$4,020.00	\$0.00	0.00%	\$0.00	\$0.00 \$0.00
	est.	\$9,000.00	\$0.00	10000000	\$0.00	\$0.00
07 Geotechnical Borings		\$4,000.00	\$0.00	75.82%	\$3,032.80	\$3,032.80
08 Install Permanent Survey Benchmarks	est.	\$4,000.00	\$0.00		\$0.00	\$0.00
Total:	-	\$63,020.00	\$0.00		\$5,300.30	\$5,300,30

Amount Due This Invoice

\$5,300.30

OK RS - 26-15

East Goshen Municipal Authority EGMA1504 Invoice Summary Invoice Date 01/29/2015

Project:

EGMA1504

Pennoni Job No.:

Reservoir Rd PS Design & Permitting

Invoice No:

623589

Invoice Period:

NTP 63,020.00

Date:

1/18/2015

Initial Authorization: **Contract Amount:**

\$ \$ 63,020.00

to

1/29/2015

Previously Invoiced:

\$

\$

Current Invoice: Invoiced to Date (\$):

\$ 5,300.30 5,300.30

Invoiced to Date (%): Remaining Budget (\$): 8%

Remaining Budget (%):

57,719.70 92%

Budget by Phase:

Phase Name:

2015 Semi-Annual I&I Reports

Phase Budget:

\$ 63,020.00

Previously Invoiced:

\$

Current Invoice:

\$ 5,300.30 \$ 5,300.30

Invoiced to Date (\$): Invoiced to Date (%):

8%

Remaining Budget (\$):

57,719.70

Remaining Budget (%):

92%

Comments:

Initiated evaluation of concept design alternatives for the diversion vault and valving and pump station controls; prepared first draft of conceptual site plan taking into account site constraints including riparian buffer, floodway, clear sight triangle, and Zoning setbacks, amongst other criteria; subcontracted with geotechnical drillling firm and coordinated scheduling with Township staff; on-site observation of two borings; summarized results to Township via email; and initiated preparation of boring logs. Invoice includes subcontractor's fee to perform the borings.



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 #: 623591 Invoice Date: 01/29/2015 Project: EGMA1307

Project Name: Reservoir Rd PS Act 537 Planning

For Services Rendered through: 1/18/2015

FINAL INVOICE

Coordination with PADEP for final Act 537 Plan review status, reviewed PADEP approval letter and forwarded to Township.

Phase: 03 -- Act 537 Plan Update

Total Phase: 03 -- Act 537 Plan Update

Labor: 82.50 Expense: 0.00

Phase Total: 82.50

Amount Due This Invoice \$82.50

Phase: 03 -- Act 537 Plan Update

Labor

Hours/ Class Units Rate Amount Authority Engineer 0.75 110.00 82.50

Labor Total: 0.75 82.50

Total Phase: 03 -- Act 537 Plan Update Labor: \$82.50

Expense:

\$0.00

Total Project : EGMA1307 - Reservoir Rd PS Act 537 Planning Labor: \$82.50

Expense: \$0.00

ok RS 2-6-15

East Goshen Municipal Authority EGMA1307 Invoice Summary Invoice Date 1/29/2015

Project: EGMA1307

Pennoni Job No.: Reservoir Rd PS Act 537 Planning

Invoice No: 623591
Invoice Period: 12/8/2019

 Voice Period:
 12/8/2015
 to
 1/18/2015

 Initial Authorization:
 \$ 77,400.00
 Date:
 1/29/2015

Contract Amount: \$ 87,900.00 Previously Invoiced: \$ 73,954.75 **Current Invoice:** 82.50 Invoiced to Date (\$): \$ 74,037.25 Invoiced to Date (%): 84% Remaining Budget (\$): 13,862.75 Remaining Budget (%): 16%

Budget by Phase:

Reservoir Rd PS Act **Phase Name:** 537 Planning **Phase Budget:** \$ 87,900.00 Previously Invoiced: \$ 73,954.75 **Current Invoice:** \$ 82.50 Invoiced to Date (\$): \$ 74,037.25 Invoiced to Date (%): 84% Remaining Budget (\$): \$ 13,862.75 Remaining Budget (%): 16%

Comments: FINAL INVOICE

Coordination with PADEP for final Act 537 Plan review status, reviewed PADEP approval letter and forwarded to Township.



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 #: 623592 Invoice Date: 01/29/2015 Project: EGMA1401

Project Name: 2014 General Services

For Services Rendered through: 1/18/2015

FINAL INVOICE

Preparation for December's MA meeting including discussing outcome of RCSTP SBR #2 inspection w/ M. McAloon, reviewing USFWS' bog turtle approval conditions for Reservoir Rd PS, and reviewing RCSTP operator's November report; attended December's MA meeting; and assembled 610 Reservoir Rd grinder pump plans and email to PW Director as requested.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor : 565.00

Expense:

0.00

Phase Total:

565.00

Amount Due This Invoice

\$565.00

Fee:

10,312.75

Prior Billings : Current Billings :

9,747.75 565.00

Total Billings :

10,312.75

Phase: **** -- Professional Services

Labor Class

Hours/

Authority Engineer

<u>Units</u> <u>Rate</u> 5.00 113.00

Amount 565.00

Labor Total:

5.00

565.00

Total Phase: **** -- Professional Services

Labor : Expense :

\$565.00

Total Project : EGMA1401 - 2014 General Services

Labor :

\$0.00 \$565.00

Expense:

\$0.00

OKRS 2-6.15

East Goshen Municipal Authority EGMA1401 Invoice Summary Invoice Date 1/29/2015

Project:

EGMA1401

Pennoni Job No.:

2014 General Services

Invoice No:

623592

Invoice Period:

12/8/2014 10,300.00

to **Date:**

1/18/2015 1/29/2015

Initial Authorization: Contract Amount:

Current Invoice:

Previously Invoiced:

\$ 10,300.00 \$ 10,300.00 \$ 9,747.75 \$ 565.00

\$ 565.00 \$ 10,312.75

Invoiced to Date (\$): Invoiced to Date (%): Remaining Budget (\$):

100% (12.75)

Remaining Budget (%):

0%

Budget by Phase:

Phase Name:	201	4 General Services
	201	4 General Services
Phase Budget:	\$	10,300.00
Previously Invoiced:	\$	9,747.75
Current Invoice:	\$	565.00
Invoiced to Date (\$):	\$	10,312.75
Invoiced to Date (%):		100%
Remaining Budget (\$):	\$	(12.75)
Remaining Budget (%):		0%

Comments:

FINAL INVOICE

Preparation for December's MA meeting including discussing outcome of RCSTP SBR #2 inspection w/ M. McAloon, reviewing USFWS' bog turtle approval conditions for Reservoir Rd PS, and reviewing RCSTP operator's November report; attended December's MA meeting; and assembled 610 Reservoir Rd grinder pump plans and email to PW Director as requested.



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 #: 623593 Invoice Date: 01/29/2015 Project: EGMA1402

Project Name: 2014 Semi-Annual I&I Reports

For Services Rendered through: 1/18/2015

FINAL INVOICE

Analyzed October-December 2014 portable meter data; prepared Semi-Annual Sewer System Status Report #12. Analysis and report preparation was completed in Project EGMA1502.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor: 464.00

Expense:

0.00

Phase Total:

464.00

Amount Due This Invoice

\$464.00

Fee:

Total Project : EGMA1402 - 2014 Semi-Annual I&I Reports

10,326.75

Prior Billings: **Current Billings:**

9,862.75

464.00

Total Billings:

10,326.75

Phase: **** -- Professional Services

Labor	Hours/		
Class	Units	Rate	Amount
Authority Engineer	0.25	113.00	28.25
Associate Engineer	5.25	83.00	435.75
Labor Total:	5.50		464.00

Total Phase: **** -- Professional Services Labor: \$464.00 Expense: \$0.00

Expense:

Labor:

\$464.00 \$0.00

464.00

OK RS 2-6-15

East Goshen Municipal Authority **EGMA1402 Invoice Summary** Invoice Date 1/29/2015

to

Date:

Project:

EGMA1402

Pennoni Job No.:

2014 Semi-Annual I&I Reports

Invoice No:

623593

Invoice P	eri	od:	
-----------	-----	-----	--

11/10/2014
10,300.00

1/18/2015

Initial Authorization: Contract Amount:

\$ 10,300.00

1/29/2015

Previously Invoiced: **Current Invoice:**

\$ 9,862.75 464.00 10,326.75 100%

Invoiced to Date (%): Remaining Budget (\$): Remaining Budget (%):

Invoiced to Date (\$):

(26.75)0%

Budget by Phase:

Phase Name:	2014 Semi-Annual I&I Reports				
Phase Budget:	\$	10,300.00			
Previously Invoiced:	\$	9,862.75			
Current Invoice:	\$	464.00			
Invoiced to Date (\$):	\$	10,326.75			
invoiced to Date (%):		100%			
Remaining Budget (\$):	\$	(26.75)			
Remaining Budget (%):		0%			

Comments:

FINAL INVOICE

Analyzed

October-December 2014 portable meter data; prepared Semi-Annual Sewer System Status Report #12. Analysis and report preparation was completed in Project EGMA1502.



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 #: 623594 Invoice Date: 01/29/2015 Project: EGMA1501

Project Name: 2015 General Services

For Services Rendered through: 1/18/2015

Prepared January's MA report, reviewed meeting packet, reviewed RCSTP operator's monthly report, attended MA meeting, and followed-up to meeting with staff regarding RCSTP SBR repairs status and Hershey's Mill PS and Marydell PS Diversions 2-yr warranty inspections schedule.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor : 661.25 Expense : 0.00

Phase Total :

661.25

Amount Due This Invoice \$661.25

Fee: 12,000.00

Prior Billings: 0.00
Current Billings: 661.25
Total Billings: 661.25

Phase: **** -- Professional Services

Labor Hours/ Class Units

 Authority Engineer
 Units
 Rate
 Amount

 5.75
 115.00
 661.25

Labor Total: 5.75 661.25

Total Phase: **** -- Professional Services Labor: \$661.25

Expense: \$0.00

Total Project : EGMA1501 - 2015 General Services Labor : \$661.25

Labor . \$661.25

Expense: \$0.00

OK PS 2-6-15

East Goshen Municipal Authority EGMA1501 Invoice Summary Invoice Date 01/29/2015

Project: EGMA1501

Pennoni Job No.: 2015 General Services

Invoice No: 623594
Invoice Period: NTD

Invoice Period:

Initial Authorization:

Contract Amount:

Previously Invoiced:

NTP

to

1/18/2015

1/29/2015

1/29/2015

Current Invoice: \$ 661.25 Invoiced to Date (\$): \$ 661.25 Invoiced to Date (%): 6% Remaining Budget (\$): \$ 11,338.75 Remaining Budget (%): 94%

Budget by Phase:

2015 General **Phase Name:** Services **Phase Budget:** \$ 12,000.00 Previously Invoiced: \$ 14,400.00 **Current Invoice:** \$ Invoiced to Date (\$): \$ 881.50 Invoiced to Date (%): Remaining Budget (\$): \$ 11,118.50 Remaining Budget (%): 93%

Comments:

Prepared January's MA report, reviewed meeting packet, reviewed RCSTP operator's monthly report, attended MA meeting, and followed-up to meeting with staff regarding RCSTP SBR repairs status and Hershey's Mill PS and Marydell PS Diversions 2-yr warranty inspections schedule.



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 #: 623595 Invoice Date: 01/29/2015

Project : EGMA1502

Project Name: 2015 Semi-Annual I&I Reports

For Services Rendered through: 1/18/2015

Completed analysis of October-December 2014 portable meter data; edited, finalized, and submitted Semi-Annual Sewer System Status Report #12 (draft report had been prepared in September 2014); prepared I&I maps and verbal summary for January's MA meeting; and researched frozen ground impact on I&I as requested by MA.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor :

2,053.75

Expense:

0.00

Phase Total:

2,053.75

Amount Due This Invoice

\$2,053.75

Fee:

10,500.00

Prior Billings:

0.00

Current Billings:

2,053.75

Total Billings:

2,053.75

Phase: **** -- Professional Services

Labor Total:

Labor

 Labor
 Hours/

 Class
 Units

 Authority Engineer
 4.00

Associate Engineer

18.75 85.00

Rate

115.00

Amount 460.00

A tooodiate Engineer

10.70

22.75

1,593.75

Total Phase: **** -- Professional Services

Labor:

\$2,053.75

2,053.75

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

Expense :

\$0.00

Expense :

\$2,053.75 \$0.00

OKRS 2-6-15

East Goshen Municipal Authority EGMA1502 Invoice Summary Invoice Date 01/29/2015

Project:

EGMA1502

Pennoni Job No.:

2015 Semi-Annual I&I Reports

Invoice No:

623595

Invoice Period:

NTP \$ 10,500.00

to

1/18/2015

Contract Amount:

\$ 1

Date:

1/29/2015

Previously Invoiced:

Initial Authorization:

\$

\$

\$

10,500.00

Current Invoice: Invoiced to Date (\$):

\$ 2,053.75 \$ 2,053.75

Invoiced to Date (%):

20%

Remaining Budget (\$): Remaining Budget (%):

8,446.25 80%

Budget by Phase:

Phase Name:

2015 Semi-Annual I&I Reports

Phase Budget:

\$ 10,500.00

Previously Invoiced:

\$ -\$ 2.053.7

Current Invoice:

2,053.75 2,053.75

Invoiced to Date (\$): Invoiced to Date (%):

20%

Remaining Budget (\$):

8,446.25

Remaining Budget (%):

80%

Comments:

Completed analysis of October-December 2014 portable meter data; edited, finalized, and submitted Semi-Annual Sewer System Status Report #12 (completed draft report that was prepared in September 2014; prepared I&I maps and verbal summary for January's MA meeting; and researched frozen ground impact on I&I.



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.

Total Project : EGMA1503 - 2014 Chapter 94 Reports

Invoice #: 623596 Invoice Date: 01/29/2015

Project: EGMA1503

Project Name: 2014 Chapter 94 Reports

For Services Rendered through: 1/18/2015 Initiated preparation of RCSTP Chapter 94 Report. Phase: **** -- Professional Services Total Phase: **** -- Professional Services Labor: 1,827.50 Expense: 0.00 Phase Total: 1,827.50 **Amount Due This Invoice** \$1,827.50 14,800.00 Fee: Prior Billings: 0.00 **Current Billings:** 1,827.50 **Total Billings:** 1,827.50 Phase: **** -- Professional Services Labor Hours/ Class Units Rate **Amount** Associate Engineer 21.50 85.00 1,827.50 Labor Total: 21.50 1,827.50 Total Phase: **** -- Professional Services

OK RS 2-6-15

\$1,827.50

\$1,827.50

\$0.00

\$0.00

Labor:

Labor:

Expense:

Expense:

East Goshen Municipal Authority EGMA1503 Invoice Summary Invoice Date 01/29/2015

Project: EGMA1503

Pennoni Job No.: 2015 Chapter 94 Reports

Invoice No: 623596

Invoice Period: NTP to 1/18/2015 **Initial Authorization:** \$ 14,800.00 Date: 1/29/2015 **Contract Amount:** 10,500.00 Previously Invoiced: \$ **Current Invoice:** \$ 1,827.50

1,827.50

Invoiced to Date (%): 17%
Remaining Budget (\$): \$ 8,672.50

\$

Remaining Budget (%): 83%

Budget by Phase:

Invoiced to Date (\$):

Phase Name: 2015 Chapter 94 Reports Phase Budget: \$ 10,500.00 Previously Invoiced: \$ Current Invoice: \$ 1,827.50 Invoiced to Date (\$): \$ 1,827.50 Invoiced to Date (%): 17% Remaining Budget (\$): 8,672.50 Remaining Budget (%): 83%

Comments: Initiated preparation of RCSTP Chapter 94 Report.

Memo

To: Municipal Authority

From: Jon Altshul

Re: MA January Financial Reports

Date: February 4, 2015

In January, the Municipal Authority recorded \$556.41 in revenues and \$3,702 in expenses, for a variance of -\$3,145. As of January 31, the fund balance was \$1,586,031, of which \$1,520,845 is in the 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

January 2015

Annual Month To Date Year To Date

1,589,176.52 Actual Budget Acct # MUNICIPAL AUTHORITY BEGINNING FUND BALANCE Account Title

RCSTP BUDGET

131.97	131.97		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.97
131.97	131.97		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.97
1,600.00	1,600.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,600.00
07341 1020 07392 0800			07424 7451	07424 7452	07424 7453	07424 7454	07424 7455	07424 7456	07492 0550	07492 0990		
REVENUE INTEREST EARNED - RCSTP EXPANSION GRANT REVENUE	TOTAL REVENUE	EXPENSES	R.CCAP. PROJENGINEER	R.C. CAP EXPANSION GEN'L CONTRACTOR	R.C. CAP EXPANSION - ELECTRICAL	R.C. CAP EXP CONTINGENCY CAPITAL	R.C. CAP EXP CONTINGENCY ONGOING	R.C. CAP EXP ADDITIONAL CONTINGENCY	TRANSFER TO SEWER SINKING FUND	TRANSFER TO AUTHORITY CAP FUND	TOTAL EXPENSES	RCSTP NET RESULT

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

Account Title OPERATING BUDGET	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual	
REVENUE INTEREST EARNINGS C.C. TAPPING FEES	07341 1000 07364 1100	15.00	1.44	1.44	
R.C.TAPPING FEES CONNECTION FEES - SEWER	07364 1110 07364 1130	14,296.00	0.00	0.00	
MISCELLANEOUS REVENUE TRANSFER FROM SEWER OPERATING	07380 1000 07392 0500	0.00 105,105.00	141.12	141.12	
TOTAL REVENUE		119,416.00	424.44	424.44	
EXPENSES					
ADMINISTRATIVE WAGES	07424 1400	33,323.00	0.00	0.00	
MISCELLANEOUS EXPENSE MUNIC.AUTHAUDITING	07424 3110	3,000.00	1,450.00	1,450.00	
ENGINEERING SERVICES	07424 3130	37,300.00	1,261.50	1,261.50	
LEGAL SERVICES	07424 3140	9,000.00	0.00	0.00	
M.CDVRFA-DEBT SERVICE	07471 1000	23,240.00	0.00	0.00	
M.CDVRFA-INTEREST PAYMN	07472 1000	4,169.00	0.00	0.00	
M.CDVRFA-INTEREST PAYMN	07472 1010	0.00	0.00	0.00	
TOTAL EXPENSES		121,016.00	2,711.50	2,711.50	
OPERATING NET RESULT		(1,600.00)	(2,287.06)	(2,287.06)	

EAST GOSHEN TOWNSHIP 1580 PAOLI PIKE

WEST CHESTER, PA Municipal Authority January 2015

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
CAPITAL BUDGET				
REVENUE 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	0.00
CYDENICE				
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	00.0
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	00.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	100,000.00	990.00	00.066
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		100,000.00	990.00	990.00
CAPITAL NET RESULT		(100,000.00)	(00.066)	(00.066)
MUNICIPAL AUTHORITY ENDING FUND BALANCE			1,586,031.43	

MGRP18 run by BRIAN 1 : 52 PM

Report Date 02/04/15

GL Transaction Details

PAGE

SERVICE THRU 11/9/14 RESERVOIR R

ACT.537

Acct # Per Src Trx # Debits Credits Beg/End Bal Date Check/Ref # ID # Name/Description 0.00 07341-1000 INTEREST EARNINGS 02/03/15 INTEREST 1.44 INTEREST EARNED JANUARY 2015 1501 JE 46156 07 FUND 0.00 1.44 -1.44ON 0.00 131.97 02/03/15 INTEREST 07341-1020 INTEREST EARNED - RCSTP EXPANSION INTEREST EARNED JANUARY 2015 07 FUND 131.97 -131.97 0.00 07364-1130 CONNECTION FEES - SEWER 0.00 423.00 01/16/15 789 CR 45967 8648 1 GEORGE SMITH & CHRISTINA CONLE 01/16/15 PINE ROCK 141.12 ANNUAL PINE ROCK INSTALLMENT JE 45968 423.00 -281.88 141.12 07380-1000 MISCELLANEOUS REVENUE 0.00 141.12 01/16/15 PINE ROCK ANNUAL PINE ROCK INSTALLMENT 0.00 141.12 -141.12 07424-3000 MISCELLANEOUS EXPENSE 0.00 CD 45777 950.00 01/02/15 2260 2132 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2015 ACTIVE MEMBERSHIP DUES 500.00 01/29/15 2263 2737 COMMONWEALTH OF PA 46110 ANNUAL FEE - NPDES PERMIT -CHAP. 1,450.00 0.00 1,450.00 07424-3130 ENGINEERING SERVICES 0.00 01/15/15 2261 1052 PENNONI ASSOCIATES INC. 45953 621.50 SERVICES THRU 12/7/14 GENERAL 46013 640.00 01/22/15 2262 1052 PENNONI ASSOCIATES INC. SERVICE THRU 11/9/14 GEN. SERVICE 1,261.50 0.00 1,261.50 07428-1000 RESERVOIR PUMP STATION - ENGINEER 1052 PENNONI ASSOCIATES INC. 01/15/15 10029 45954 137.50 SERV.THRU 12/7/14 RESERV.RD ACT 01/22/15 10030 1052 PENNONI ASSOCIATES INC. 46014 852.50

East Goshen Township General Ledger

Report Date 02/04/15

GL Transaction Details

PAGE

2

MGRP18 run by BRIAN

1 : 52 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID#	Name/Description
			990.00	0.00	990.00				
Beg Bal		0.00	3,842.62	697.53	3,145.09				

Rick Smith

From:

Rick Smith <rsmith@eastgoshen.org>

Sent: Wednesday, January 14, 2015 7:39 AM

To:

jmorgan@eastgoshen.org; nscheiderman@eastgoshen.org

Subject:

Comp Plane Task Force

Joanne

The Comp Plan Task Force is going to meet on

Monday April 13, 2015 at 7 pm

Monday June 8, 2015 at 7 pm

Wednesday June, 10 2015 at 7 pm

Thursday June 11, 2015 at 7 pm

Monday August 10, 2015 at 7 pm

CONFLICT

CONFLICT

We will need the big room.

Please put these in the book.

They will also meet on Thursday June 11 2015 at 8 am - This meeting will probably be held at Hershey Mill Golf Club.

Since these meeting conflict with some Authority, Conservancy Board and Historical Commission meeting we will need to work out some logistics. So we do not need to advertise just yet.

Rick

Rick Smith

From: Sent: Rick Smith <rsmith@eastgoshen.org> Wednesday, January 14, 2015 9:07 AM

To:

'Krcummings'; 'Walter Wujcik'; Chris Reardon (cr19380@yahoo.com)

Subject:

Comp Plan Task Force

Gentlemen

The Comp Plan Task Force is going to meet on the following dates. We recognize that this will result in the conflicts noted below.

Monday April 13, 2015 at 7 pm - CPTK Meeting - conflict with MA

Monday June 8, 2015 at 7 pm - Stakeholder Meeting with Board of Supervisors - conflict with MA

Wednesday June, 10 2015 at 7 pm - Stakeholder Meeting with all ABCs - conflict with CB

Thursday June 11, 2015 at 7 pm - Stakeholder Meeting with residents - conflict with HC

Monday August 10, 2015 at 7 pm - CPTK Meeting - conflict with MA

They will also meet on Thursday June 11 2015 at 8 am - This meeting will probably be held at Hershey Mill Golf Club.

Given the importance of Comp Plan and the fact that it is critical that each ABC be represented at these meetings it may be prudent to reschedule your regular meeting.

Perhaps you can discuss this at an upcoming meeting.

Rick