

AGENDA
EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS
1580 Paoli Pike, 2nd Floor
Tuesday, June 6, 2023
7:00 PM

To Join Zoom Meeting:

Link: <https://us02web.zoom.us/j/84223114462>

Dial In Number: 1 929 205 6099

Meeting ID: 842 2311 4462

During this *hybrid* BOS meeting, public comment will be handled as follows:

- The Zoom public is asked to remain muted during the meeting when the Board is talking.
 - If you do not wish to be seen on the Board Room TVs or the YouTube Recording, your camera must be turned off via Zoom.
 - In-person public participants will be given the *first* opportunity to comment and ask questions on each agenda item that requires a Board vote.
 - The Zoom public participants will be given the *second* opportunity to comment and ask questions on each agenda item that requires a Board vote.
 - Zoom participants wishing to comment must raise their hand icon, state their name, and must speak one at a time.
1. Call to Order (7:00 PM)
 2. Pledge of Allegiance
 3. Moment of Silence
Announce that this meeting is being recorded via Zoom. A recording will be uploaded later to the Township's YouTube channel for viewing.
 4. Chairman's Report (7:05 PM to 7:10 PM)
 - a. The board met in executive session prior to this meeting to discuss personnel and legal matters.
 5. Emergency Services Reports
 - a. WEGO – None
 - b. Goshen Fire Co – April 2023
 - c. Malvern Fire Co – April 2023
 - d. Good Fellowship – April 2023
 - e. Fire Marshal – Carmen Battavio
 6. Public Hearings - None
 7. Financial Report – As of April 30, 2023
 8. Approval of Minutes and Treasurer's Report (7:10 PM to 7:15 PM)
 - a. Minutes – May 2, 2023
 - b. Treasurer's Report – April 27, 2023 to June 1, 2023
 9. Old Business
 - a. Stormwater Ordinance Update
 10. New Business
 - a. Pension Ordinance Update for Goshen Fire
 - b. Sewer Rate Review and Recommendation
 - c. ESAC Resignation – Alice Lenthe
 11. Standing Issues/Projects (8:30 PM to 8:35 PM)
 - a. Milltown Dam Project

- b. Milltown Pocket Park
- c. Bow Tree Pond
- 12. Any Other Matter
- 13. Public Comment (8:35 PM to 8:55 PM)
- 14. Liaison Reports
- 15. Correspondence, Reports of Interest.
- 16. Adjournment (8:55 PM)

Meetings & Dates of Importance

<i>Date</i>	<i>Meeting</i>	<i>Time</i>
June 8	Pipeline Task Force	5:30pm
June 12	Municipal Authority	7:00pm
June 14	Conservancy Board	7:00pm
June 15	Futurist Committee	7:00pm
June 19	Township Office Closed	
June 20	Board of Supervisors	7:00pm
June 24	EG Community Day	5:00pm
June 26	ESAC	6:30pm
June 27	Planning Commission	7:00pm
July 4	Township Office Closed	
July 6	Park & Rec Commission	7:00pm
July 10	Municipal Authority	7:00pm
July 12	Conservancy Board	7:00pm
July 13	Pipeline Task Force	5:30pm
July 18	Pension Committee	10:00am
July 18	Board of Supervisors	7:00pm
July 20	Futurist Committee	7:00pm
July 24	ESAC	6:30pm
July 25	Planning Commission	7:00pm
August 1	Board of Supervisors	7:00pm
August 3	Park & Rec Commission	7:00pm
August 9	Conservancy Board	7:00pm
August 10	Pipeline Task Force	5:30pm
August 14	Municipal Authority	7:00pm
August 15	Board of Supervisors	7:00pm

Goshen Fire Company Monthly Operations Report

April 2023



Monthly Overview

Fire calls are up 49% YOY in East Goshen, primarily due to increases in wires calls, MVA's and AFA's.
 EMS calls are up 10% YOY, primarily due to higher call volumes in East and West Goshen.
 Fire Police calls are flat to last year but we're seeing an increase in mutual aid responses.

Fire Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2023 Responses	YTD 2023 Manhours	YTD 2022 Responses	YOY Variance
East Goshen	20	41	94	259	63	49%
West Goshen	21	100	69	219	63	10%
Westtown	3	10	17	45	28	-39%
Willistown	4	14	11	31	13	-15%
Other	12	42	20	64	19	5%
Total - Fire	60	207	211	618	186	13%

Fire Police Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2023 Responses	YTD 2023 Manhours	YTD 2022 Responses	YOY Variance
East Goshen	7	64	30	114	32	-6%
West Goshen	11	15	41	92	42	-2%
Westtown	3	4	21	64	21	0%
Willistown	3	8	15	69	16	-6%
Other	4	10	22	42	17	29%
Total - Fire Police	28	101	129	381	128	1%

EMS Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2023 Responses	YTD 2023 Manhours	YTD 2022 Responses	YOY Variance
East Goshen	153	246	704	1143	619	14%
West Goshen	132	194	547	825	489	12%
Westtown	37	63	134	228	131	2%
Willistown	21	47	85	170	100	-15%
Other	17	25	57	68	53	8%
Total - EMS	360	575	1527	2434	1392	10%

Total Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2023 Responses	YTD 2023 Manhours	YTD 2022 Responses	YOY Variance
East Goshen	180	351	828	1516	714	16%
West Goshen	164	309	657	1136	594	11%
Westtown	43	77	172	337	180	-4%
Willistown	28	69	111	270	129	-14%
Other	33	77	99	174	89	11%
Total - Goshen Fire Company	448	883	1867	3433	1706	9%

Goshen Fire Company Monthly Operations Report April 2023



Monthly Updates

Key Indicators

Patients Treated	309	
Patients 65 and Over	228	74%
EMS Calls to Assisted Living and Retirement Facilities	152	42%
Automatic Fire/CO Alarms	21	35%

Major Incidents

Dwelling Fire - 1443 Ship Rd., West Whiteland	4/1/2023
Dwelling Fire - 38 Rose La., Thornbury	4/10/2023
Vehicle Fire - Rt 202 MM 10.9, West Goshen	4/11/2023
Dwelling Fire - 630 Grubbs Mill Rd, West Whiteland	4/13/2023
Dwelling Fire - 553 Fern Hill Lane, West Goshen	4/14/2023

Fundraising Activities

Mother's Day Flower Sale - May 12, 13, 14

Personnel Updates

None

Apparatus Updates

None



Goshen Fire Company Monthly Automatic Alarm Report

April 2023

DATE	ADDRESS	TOWNSHIP	INCIDENT TYPE	# Calls This Year	# Calls Last 12 Mos.
4/1/2023	1524 ANNE DR	East Goshen	743 - Smoke detector activation, no fire - unintentional	1	1
4/4/2023	1615 E BOOT RD	East Goshen	745 - Alarm system activation, no fire - unintentional	4	9
4/4/2023	1615 E BOOT RD	East Goshen	745 - Alarm system activation, no fire - unintentional	4	9
4/5/2023	1501 PAOLI PIKE	East Goshen	744 - Detector activation, no fire - unintentional	1	1
4/9/2023	629 N SPEAKMAN LN	East Goshen	744 - Detector activation, no fire - unintentional	1	1
4/10/2023	335 APPLEBROOK DR	East Goshen	745 - Alarm system activation, no fire - unintentional	1	1
4/10/2023	194 APPLEBROOK DR	East Goshen	743 - Smoke detector activation, no fire - unintentional	1	1
4/26/2023	100 LINE RD	East Goshen	745 - Alarm system activation, no fire - unintentional	2	4
4/29/2023	934 N CHESTER RD	East Goshen	743 - Smoke detector activation, no fire - unintentional	2	3
4/3/2023	1020 ANDREW DR	West Goshen	745 - Alarm system activation, no fire - unintentional	1	1
4/7/2023	829 TOPAZ DR	West Goshen	733 - Smoke detector activation due to malfunction	1	1
4/10/2023	1207 THISTLEWOOD LN	West Goshen	743 - Smoke detector activation, no fire - unintentional	1	1
4/11/2023	450 ELLIS LN	West Goshen	743 - Smoke detector activation, no fire - unintentional	1	3
4/12/2023	1107 WEST CHESTER PIKE	West Goshen	744 - Detector activation, no fire - unintentional	1	1
4/24/2023	336 ELLIS LN	West Goshen	743 - Smoke detector activation, no fire - unintentional	1	1
4/24/2023	1215 WEST CHESTER PIKE	West Goshen	743 - Smoke detector activation, no fire - unintentional	1	1
4/26/2023	1025 PAOLI PIKE	West Goshen	735 - Alarm system sounded due to malfunction	1	5
4/28/2023	918 SHIPPEN LN	Westtown	743 - Smoke detector activation, no fire - unintentional	1	1
4/23/2023	1503 QUINCY PL	Willistown	736 - CO detector activation due to malfunction	1	1

Malvern Fire Company EMS Monthly Report



April 2023

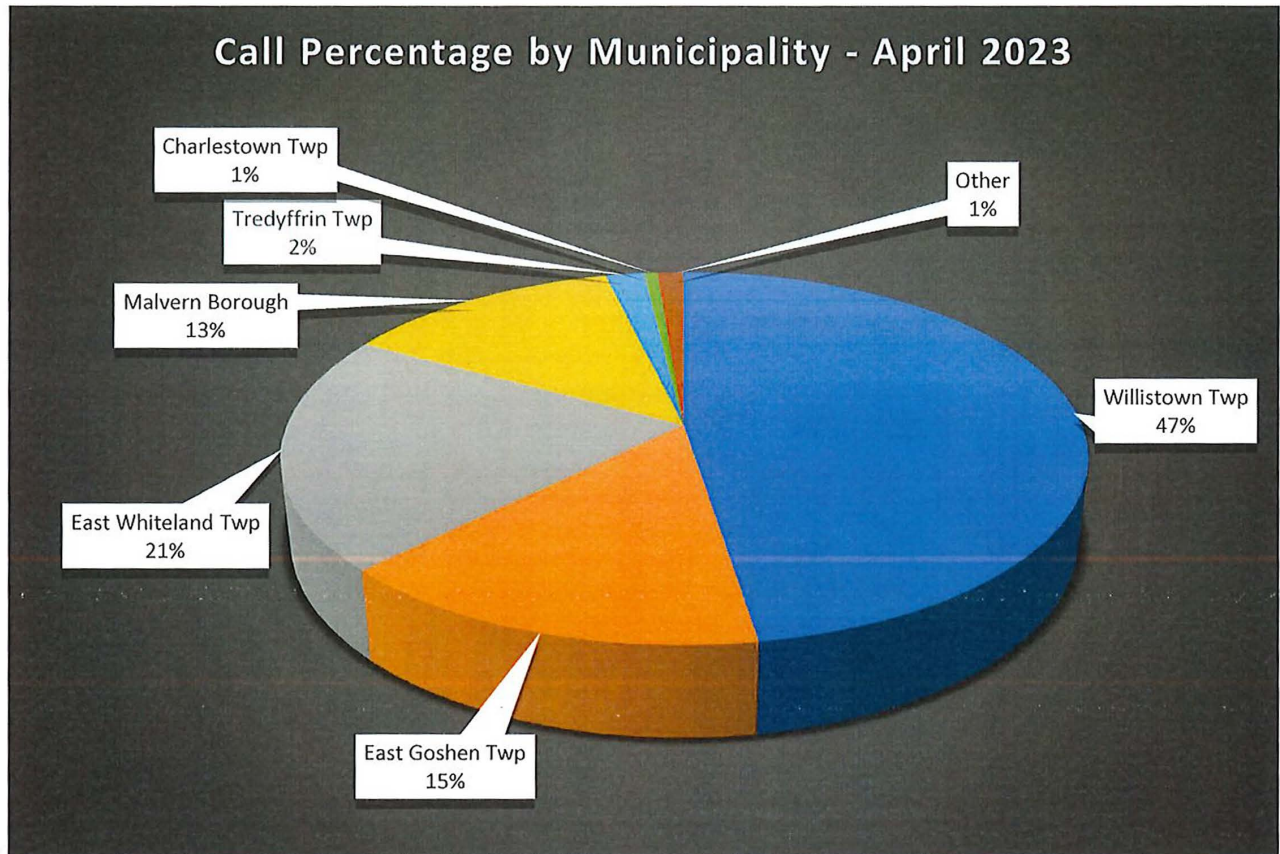


Malvern Fire Company
 Emergency Medical Service
 April 2023 Monthly Report

April 2023 Total Responses: 160

April 2022 Total Responses: 171

2023 Year-to-date Total Responses: 654

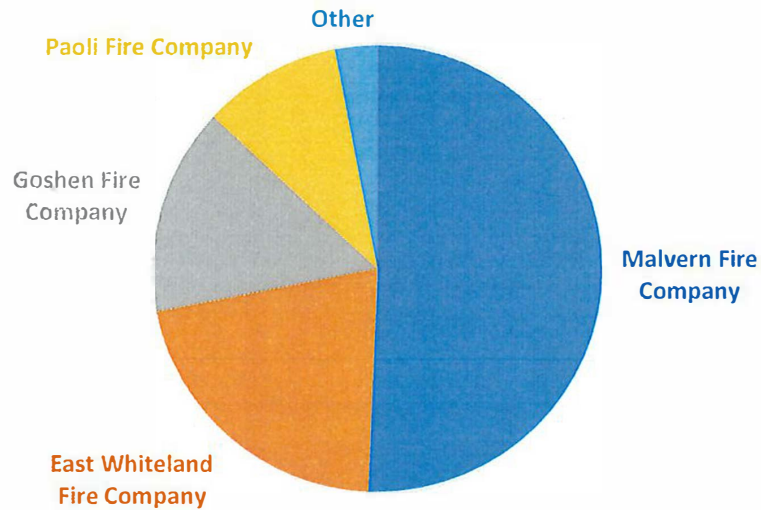


Municipality	Monthly Responses	YTD Responses	YTD %
Willistown Twp	76	286	43.7%
East Whiteland Twp	33	123	18.8%
East Goshen Twp	24	122	18.7%
Malvern Borough	21	83	12.7%
Charlestown Twp	1	15	2.3%
Tredyffrin Twp	3	13	2.0%
Other	2	12	1.8%
Total	160	654	100.0%



Malvern Fire Company
 Emergency Medical Service
 April 2023 Monthly Report

CALLS BY FIRE LOCAL

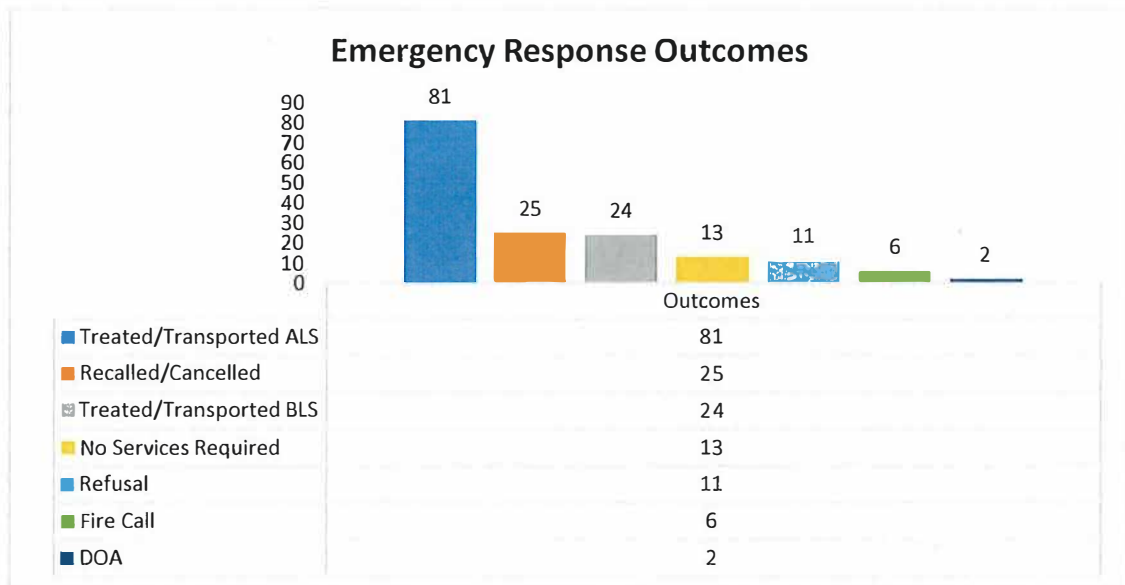


Calls by Fire Local:

Fire Company	Month	YTD	YTD %
Malvern Fire Company	81	304	46.5%
East Whiteland Fire Company	34	140	21.4%
Goshen Fire Company	24	121	18.5%
Paoli Fire Company	16	68	10.4%
Other	5	21	3.2%
Total	160	654	100%



Malvern Fire Company
 Emergency Medical Service
 April 2023 Monthly Report



Transport Destinations

Hospital:	Month	YTD	YTD %
Paoli Hospital	93	336	86.6%
Chester County Hospital	8	38	9.8%
CHOP – King of Prussia	1	6	1.5%
Bryn Mawr Hospital	2	6	1.5%
A.I. Dupont	0	1	0.3%
Riddle Hospital	1	1	0.3%
Lankenau Med. Ctr	0	0	0.0%
Total	105	388	100.0%



Malvern Fire Company
Emergency Medical Service
April 2023 Monthly Report

Responses by Vehicle

Unit	Unit	Month	YTD	YTD %
MIC041	ALS Ambulance (EMT and Paramedic)	115	407	62.2%
MIC042	ALS Ambulance (EMT and Paramedic)	0	120	18.3%
MED041	ALS Aid Car (Paramedic Only)	23	80	12.2%
MED042	ALS Aid Car (Paramedic Only)	1	3	0.5%
AMB041	BLS Ambulance (EMT and EMT)	21	37	5.7%
AMB042	BLS Ambulance (EMT and EMT)	0	7	1.1%
Total		160	654	100%

**AMB and MIC are the same vehicle with different identifier based on staffing level

Response by Crew Type

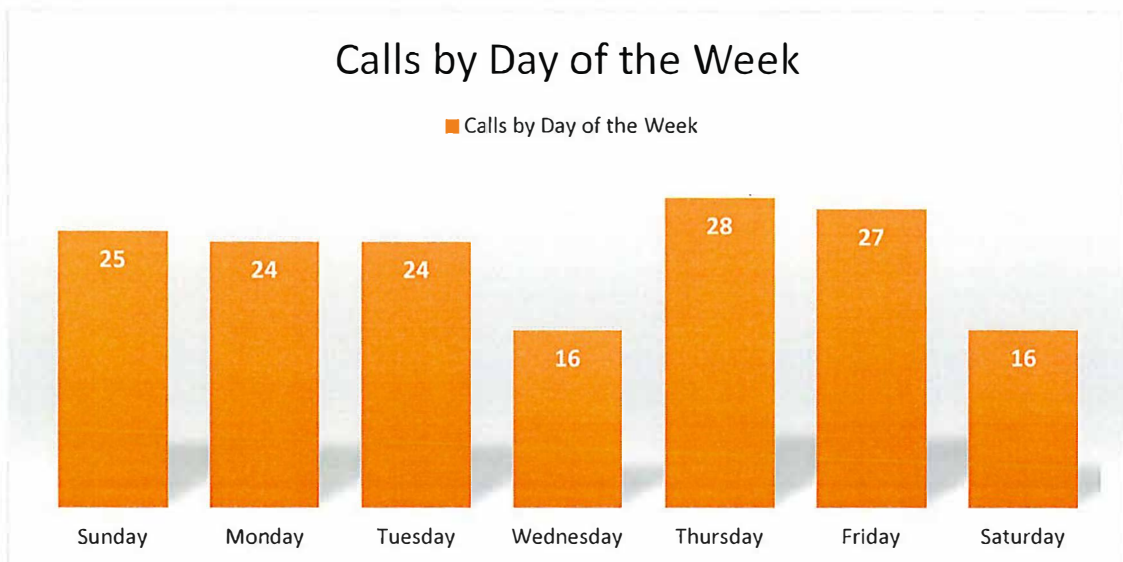
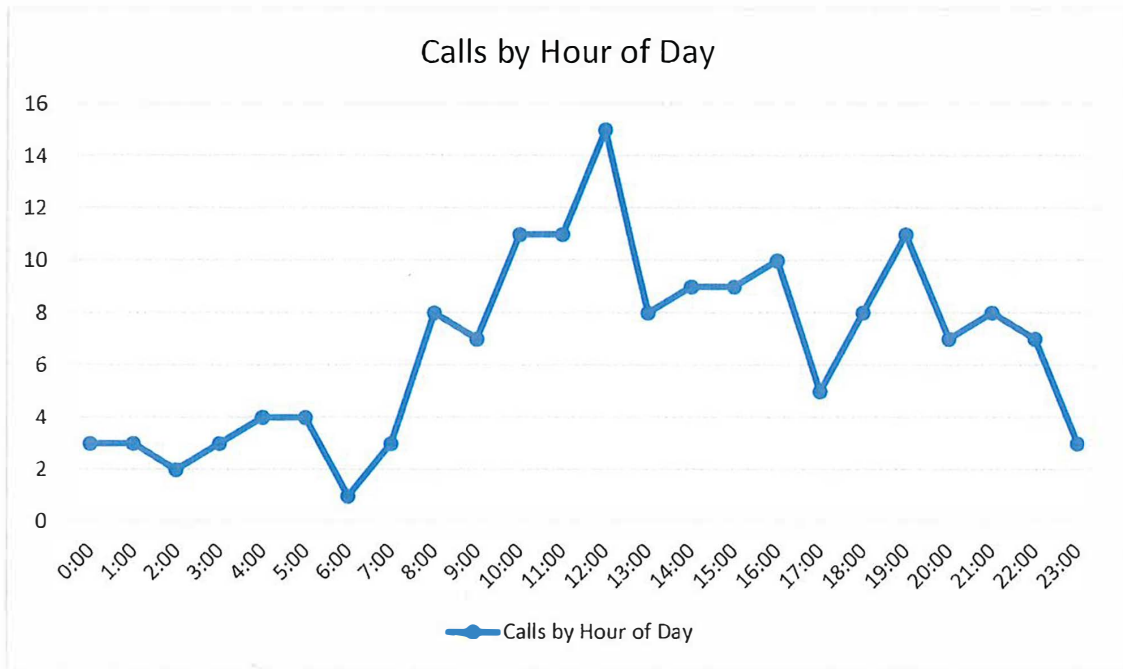
Unit	Month	YTD	YTD %
ALS Ambulance (EMT and Paramedic)	115	527	80.6%
ALS Aid Car (Paramedic Only)	24	83	12.7%
BLS Ambulance (EMT and EMT)	21	44	6.7%
Total		160	654

ALS Ambulance Response Type

Unit	Month	YTD	YTD %
ALS Assist	40	203	38.5%
ALS Transport	47	178	33.8%
BLS Transport	28	146	27.7%
Total		115	527



Malvern Fire Company
Emergency Medical Service
April 2023 Monthly Report





April 2023

EAST GOSHEN TOWNSHIP

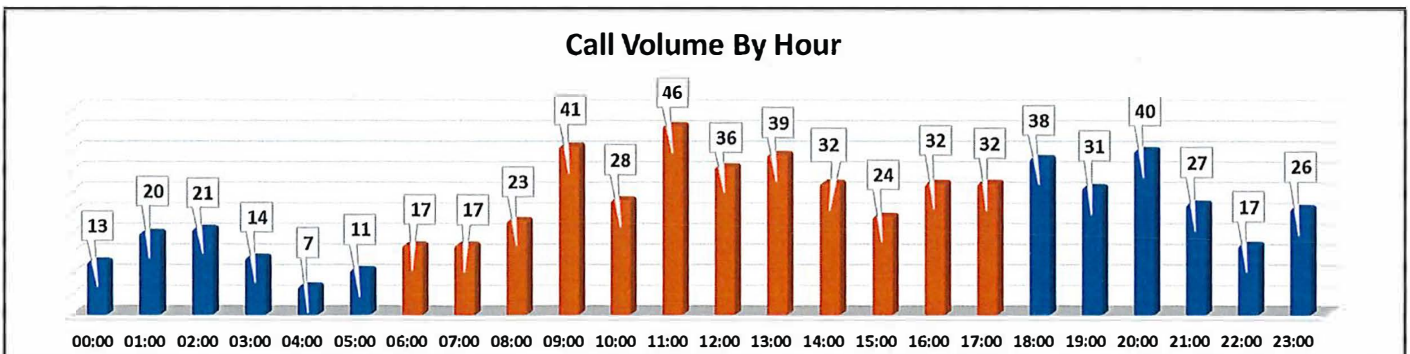
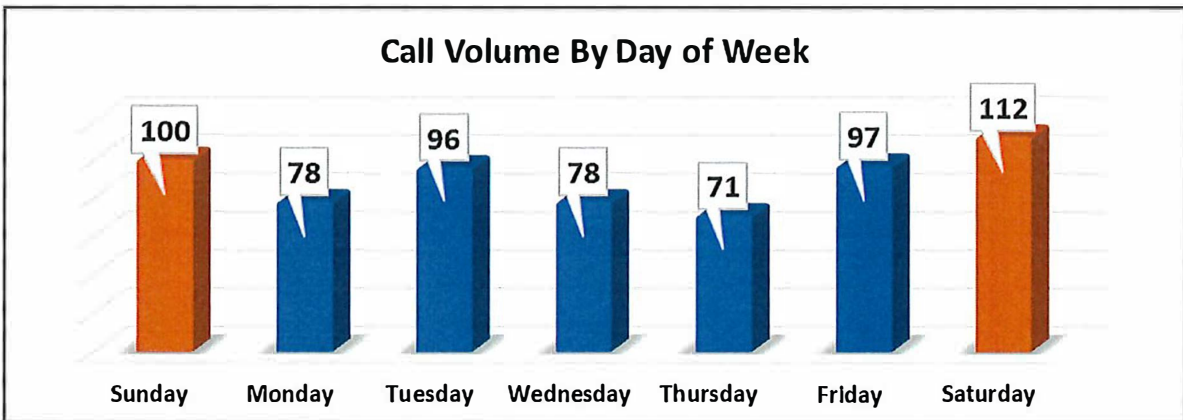
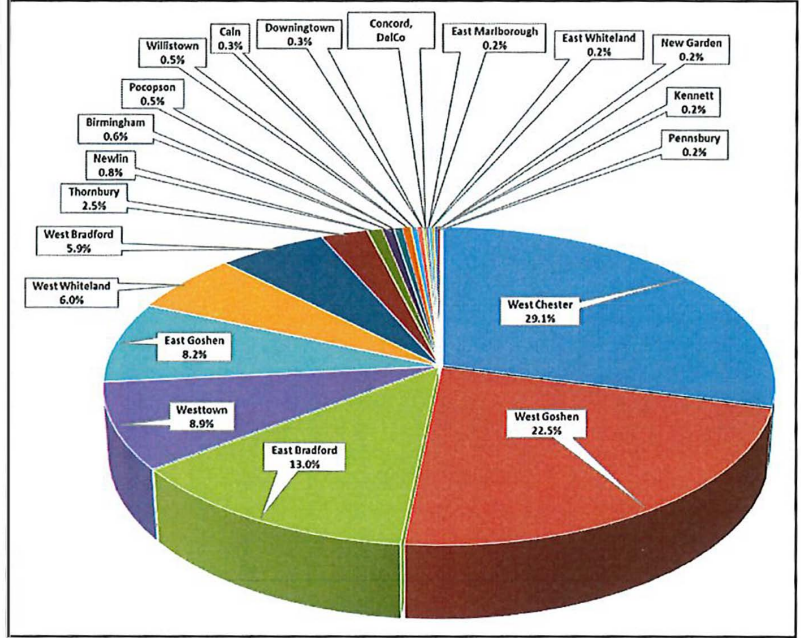
	2022	2023	YOY Variance
JAN	59	84	42%
FEB	54	50	-7%
MAR	47	61	30%
APR	50	52	4%
MAY	45		
JUN	49		
JUL	60		
AUG	59		
SEP	39		
OCT	61		
NOV	50		
DEC	88		
	661	247	Year Avg: 17.2%



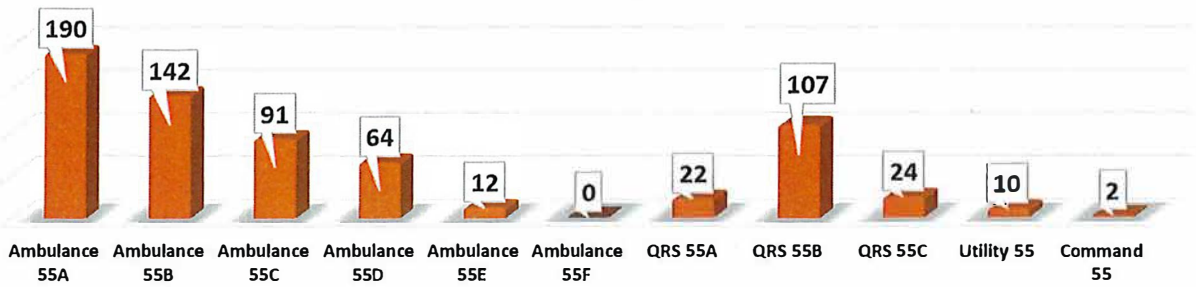
April 2023
OPERATIONS REPORT

CALL VOLUME

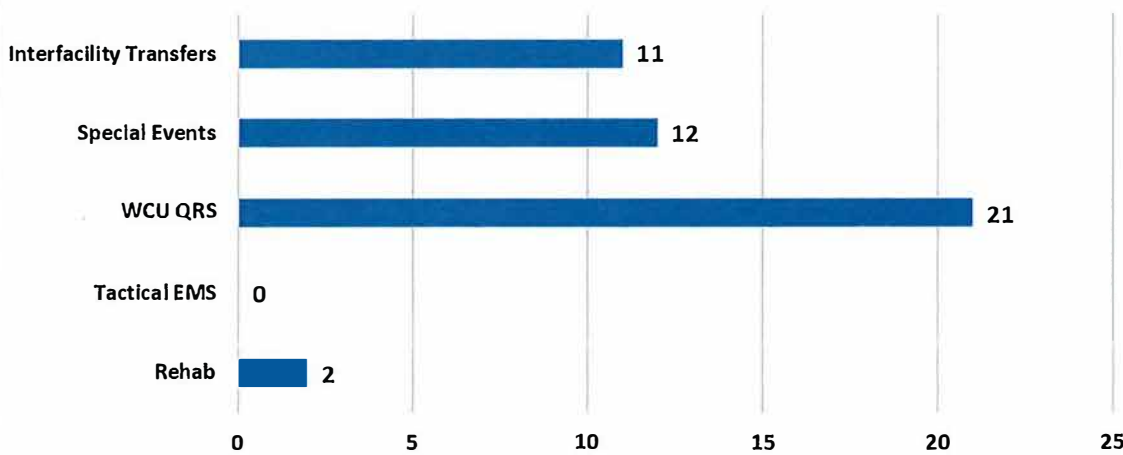
Municipality	Month	% of Calls	YTD
West Chester	184	29.1%	736
West Goshen	142	22.5%	618
East Bradford	82	13.0%	292
Westtown	56	8.9%	238
East Goshen	52	8.2%	219
West Whiteland	38	6.0%	129
West Bradford	37	5.9%	126
Thornbury	16	2.5%	56
Newlin	5	0.8%	17
Birmingham	4	0.6%	22
Pocopson	3	0.5%	
Willistown	3	0.5%	
Caln	2	0.3%	
Downingtown	2	0.3%	
Concord, DelCo	1	0.2%	
East Marlborough	1	0.2%	
East Whiteland	1	0.2%	
Kennett	1	0.2%	
New Garden	1	0.2%	
Pennsbury	1	0.2%	
	632		



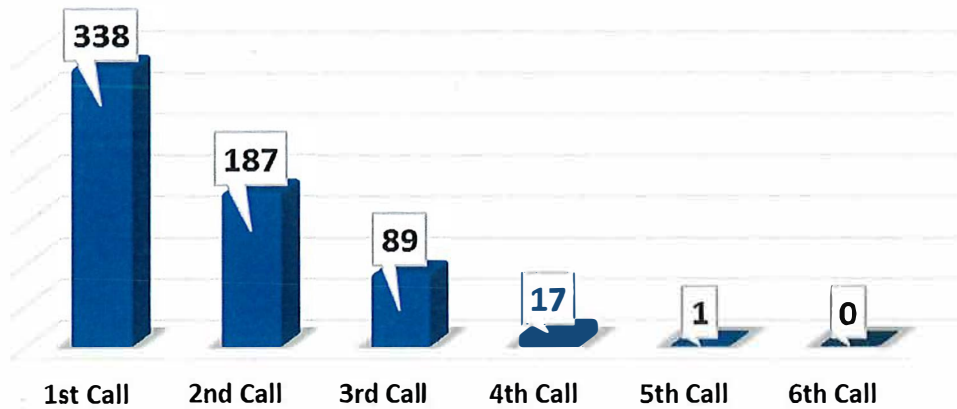
Call Volume By Vehicle



Interfacility Transports & Special Operations



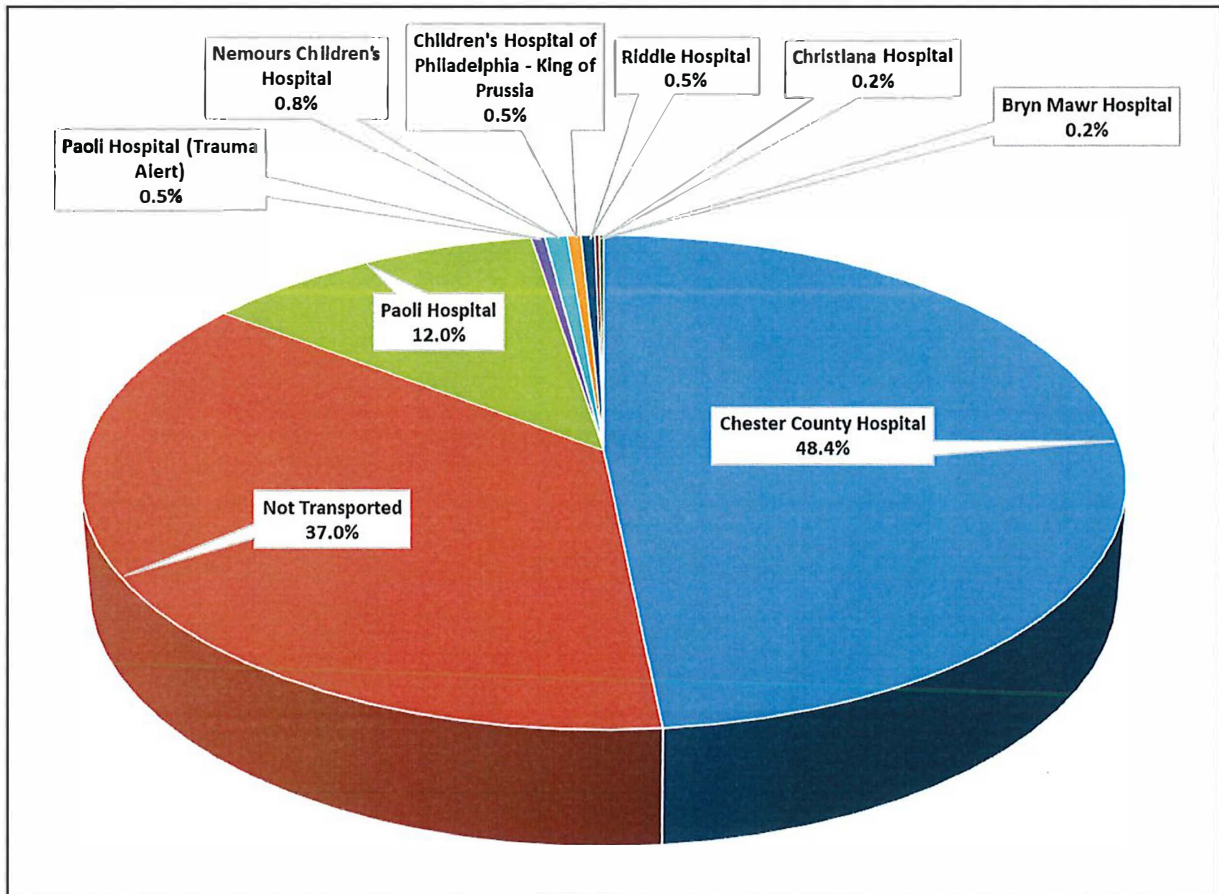
Call Sequence



HOSPITAL DESTINATION INFORMATION

Receiving Hospital	Total	%
Chester County Hospital	306	48.4%
Not Transported	234	37.0%
Paoli Hospital	76	12.0%
Paoli Hospital (Trauma Alert)	3	0.5%
Nemours Children's Hospital	5	0.8%
Children's Hospital of Philadelphia - King of Prussia	3	0.5%
Riddle Hospital	3	0.5%
Christiana Hospital	1	0.2%
Bryn Mawr Hospital	1	0.2%
	632	
	Transported:	398 63.0%
	Not Transported:	234 37.0%
		632

Non-Transport Breakdown	
Refusal	56
Recalled Enroute	29
Recalled On Scene	93
No Services	30
Lift Assist	16
DOA	3
Released to BLS	7
External ALS Assist	0
	234



MISCELLANEOUS CALL INFORMATION

Average Times	
Dispatch To Enroute	01:16
Enroute To On Scene	06:53
On Scene Time	16:10
Transport Time	11:37
ER Wait Time	09:58
Dispatch To Available	48:26

Alcohol / Drug Suspicion		
	Total	%
Alcohol	55	8.7%
Alcohol and Drugs	9	1.4%
Drugs	9	1.4%
Total:	73	11.6%
Unknown / Unable to Determine	4	0.6%

Calls Covering Other Agencies	
Uwchlan Ambulance	16
Goshen Fire Co.	9
Longwood Fire Co.	7
Malvern Fire Co.	6
Minquas Fire Co.	4
Concordville Fire Co.	4
Southern Chester County EMS	1
Modena Fire Co.	1
East Whiteland Fire Co.	1
	49

Responses By Station	
Main Station (Station 55)	445
East Goshen (Station 155)	38
East Bradford (Station 255)	146
West Chester University (Station 355)	24

West Chester University Calls		
	Total	%
Total WCU Calls	29	4.6%
WCU Calls in West Chester	22	3.5%
WCU Calls in West Goshen	4	0.6%
WCU Calls in East Bradford	3	0.5%

Call Types		
BLS - Sick Person	75	11.9%
ALS - Respiratory Difficulty	61	9.7%
ALS - Cardiac Problems	53	8.4%
BLS - Fall / Lift Assist	51	8.1%
BLS - Injured Person	43	6.8%
ALS - Fall	27	4.3%
BLS - Emotional Disorder	26	4.1%
ALS - CVA/Stroke	20	3.2%
Accident - BLS	20	3.2%
ALS - Syncope	18	2.8%
ALS - Abdominal Pain	16	2.5%
EMS - Standby - Fire	16	2.5%
ALS - Seizures	15	2.4%
ALS - Unconscious Person	14	2.2%
BLS - Overdose	14	2.2%
ALS - Unresponsive Person	13	2.1%
BLS - Abdominal Pain	13	2.1%
ALS - Hypotension	11	1.7%
ALS - Overdose	11	1.7%
BLS - Hemorrhaging	11	1.7%
ALS - Diabetic Emergency	10	1.6%
ALS - Injured Person	10	1.6%
Alarm - BLS Medical	9	1.4%
BLS - Seizures	9	1.4%
BLS - Syncope	8	1.3%
ALS - Hemorrhaging	7	1.1%
ALS - Allergic/Med Reaction	6	0.9%
BLS - Back Pain	5	0.8%
Fire - Water Rescue	5	0.8%
ALS - Back Pain	4	0.6%
ALS - Emotional Disorder	4	0.6%
ALS - Assault w/Injury	3	0.5%
ALS - Cardiac/Resp Arrest	3	0.5%
Accident - Entrapment	3	0.5%
BLS - Allergic/Med Reaction	3	0.5%
BLS - Assault w/Injury	2	0.3%
BLS - DOA	2	0.3%
BLS - Maternity/Labor Pain	2	0.3%
BLS - Unknown Nature	2	0.3%
EMS - Relocate	2	0.3%
Fire - Other Type Rescue	2	0.3%
ALS - Choking	1	0.2%
Accident - ALS	1	0.2%
Accident - Pedestrian	1	0.2%
	632	

Memo

To: Board of Supervisors
From: Dave Ware
Re: April 2023 YTD Financial Report
Date: May 18, 2023

As of April 30, net of pass throughs, the general fund had YTD revenues of \$5,131,313 and expenses of \$3,715,139 for a positive net result of \$1,416,174. As of April 30, the general fund balance was \$7,184,453.

April YTD revenue overall finished flat with budget. Real Estate Transfer Tax collections are \$128K behind budget and Building Permit fees are \$22K down versus budget, while summer programs/P&R classes, interest income, and Real Estate Property Tax collections are up.

April YTD expenses are 2% over budget. Engineering, tree removal, equipment rental, vehicle maintenance & repair are running ahead of YTD budget.

YTD revenue is 13% ahead of 2022 driven by Real Estate Property Tax collections. YTD expenses are 15% higher than 2022. Insurance premiums and higher inflationary costs for nearly every service are the primary expense drivers versus prior year thus far.

Other funds

- The **State Liquid Fuels Fund** had \$530,276 in revenues and \$0 in expenses. The fund balance is \$530,839.
- The **Capital Reserve Fund** had \$122,523 in revenues and \$343,696 in expenses. The fund balance is \$5,011,300.
- The **Transportation Fund** had \$7,369 in revenues and \$0 in expenses. The fund balance is \$476,294.
- The **Sewer Operating Fund** had \$1,336,641 in revenues and \$1,189,635 in expenses. The fund balance is \$1,305,676.
- The **Refuse Fund** had \$446,270 in revenues and \$452,093 in expenses. The fund balance is \$559,104.
- The **Bond Fund** had \$30,179 in revenues and \$472,391 in expenses. The fund balance is \$1,913,709.
- The **Sewer Capital Reserve Fund** had \$29,350 in revenues and \$279,543 in expenses. The fund balance is \$2,134,579.
- The **Operating Reserve Fund** had \$24,493 in revenues and \$0 in expenses. The fund balance is \$1,583,101.
- The **ARPA Fund** had \$10,026 in revenues and \$418,607 in expenses. The fund balance is \$555,354.
- The **Infrastructure Sustainability Fund** had \$24,774 in revenues and \$11,956 in expenses. The fund balance is \$1,807,767.

EAST GOSHEN TOWNSHIP

Variance Detail Report

Year to Date As of April 30, 2023

GENERAL FUND

Versus Budget

Favorable/

(Unfavorable)

REVENUES	YTD Pr Yr	YTD Budget	YTD Actual	Variance	Comments on YTD Budget Variance
LOCAL ENABLING TAXES	3,735,174	4,431,893	4,398,963	(32,930)	Higher EIT and RE Property tax partially offset RE Transfer Tax Coll
LICENSE & PERMITS	116,623	115,645	104,862	(10,782)	Both Comcast & Verizon Franchise Fees \$5K under Budget each
FINES	19,642	14,892	7,168	(7,724)	Lower alarm ordinance fees vs. budget and prior year
INTEREST EARNINGS	2,746	55,253	79,769	24,516	\$6K/mth vs. budget trend
RENTS	34,053	34,658	35,607	949	
STATE SHARED REVENUE & ENTITLEMENT	300	0	650	650	
GENERAL GOVERNMENT	6,036	10,898	11,588	690	
PUBLIC SAFETY	281,817	130,021	107,427	(22,594)	Building Permit Fees averaging \$5.5K/month under budget
HIGHWAY & STREETS	363	946	1,529	583	
CULTURE & RECREATION	103,863	106,212	159,098	52,886	Summer Program signups and weekly classes
MISCELLANEOUS REVENUE	139,316	25,100	21,848	(3,253)	
INTERFUND OPERATING TRANSFERS	121,861	204,154	202,803	(1,351)	
TOTAL REVENUES	4,561,793	5,129,673	5,131,313	1,640	
EXPENSES					
GENERAL GOVERNMENT	296,127	399,338	414,565	(15,227)	\$14K Engineering for Marydell/Pin Oak Open Space Survey
TAX COLLECTION	48,483	34,827	32,856	1,971	
GENERAL GOVERNMENT BLDG & PLANT	98,906	113,177	141,303	(28,126)	Includes \$13K HEPA cleaning/mold remediation Twp buiding 2nd floor
PUBLIC SAFETY	1,567,638	1,648,780	1,600,986	47,793	2022 WEGO surplus credit
PLANNING & ZONING	120,732	130,077	132,986	(2,909)	
RECYCLING	0	0	0	0	
PUBLIC WORKS - SANITATION	112,076	117,816	148,196	(30,380)	More sewer work; offset by less roads wages
PUBLIC WORKS - HWYS ROADS & STREETS	467,277	500,496	509,175	(8,678)	Equipment Rental & Vehicle Maintenance & Repair
PARTICIPANT RECREATION	51,553	69,825	80,798	(10,973)	Offset by summer program & weekly class revenue increase
PARKS	84,542	86,006	105,654	(19,648)	\$15K Tree removal
CONSERVATION & DEVELOPMENT	193	0	278	(278)	
HISTORICAL	524	225	45	180	
DEBT SERVICE	81,754	76,063	76,310	(247)	
PENSION FUND CONTRIBUTION	64,727	63,758	62,725	1,033	
INSURANCE PREMIUMS	166,986	314,025	329,761	(15,736)	\$16K Cyber Security policy not in Budget; hope to offset in WC
EMPLOYEE BENEFITS	73,803	78,230	79,500	(1,270)	
INTERFUND TRANSFERS	0	0	0	0	
TOTAL EXPENSES	3,235,321	3,632,644	3,715,139	(82,494)	
RESULTS FROM OPERATIONS	1,326,472	1,497,028	1,416,174	(80,855)	

MONTH END FUND BALANCE REPORT
ALL FUNDS APRIL 2023

* NOTE: GENERAL FUND INCLUDES PASS-THROUGH ACCOUNTS

FUND	01 GENERAL FUND*	02 LIQUID FUELS STATE FUND	03 CAP RESV FUND	04 TRANSPORT. FUND	05 SEWER OP. FUND	06 REFUSE FUND	09 SEWER CAP RESV FUND	10 OPERATING RESERVE	12 INFRASTRUCTURE SUSTAIN	TOWNSHIP FUNDS	07 MUNICIPAL AUTHORITY	08 BOND FUND	19 ARPA FUND
01/01/23 BEGINNING BALANCE	\$5,829,155	\$564	\$5,232,573	\$468,926	\$1,158,669	\$564,927	\$2,384,772	\$1,558,608	\$1,794,949	\$18,993,142	\$5,172	\$2,355,921	\$963,936
EIPTS													
TAXES	4,447,546.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,447,546	\$0	\$0	\$0
LICENSES & PERMITS	104,862.26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,862	\$0	\$0	\$0
FINES & FORFEITS	7,168.40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,168	\$0	\$0	\$0
INTERESTS & RENTS	115,375.72	\$1,316	\$122,423	\$7,369	\$9,091	\$3,343	\$29,350	\$24,493	\$24,774	\$312,761	\$45	\$30,179	\$10,026
INTERGOVERNMENTAL	\$650	\$528,959	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$529,609	\$0	\$0	\$0
CHARGES FOR SERVICES	279,641.83	\$0	\$0	\$0	\$1,327,550	\$442,927	\$0	\$0	\$0	\$2,050,119	\$1,755	\$0	\$0
MISCELLANEOUS REVENUES	640,546.35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$640,546	\$282	\$0	\$0
OTHER FINANCING SOURCES	202,803.44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,803	\$320,439	\$0	\$0
	\$5,798,594	\$530,276	\$122,423	\$7,369	\$1,336,641	\$446,270	\$29,350	\$24,493	\$24,774	\$8,295,416	\$322,521	\$30,179	\$10,026
EXPENDITURES													
GENERAL GOVERNMENT	607,307.19	\$0	\$24,238	\$0	\$0	\$0	\$0	\$0	\$0	\$631,545	\$0	\$0	\$418,607
PUBLIC SAFETY	2,452,236.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,452,237	\$0	\$0	\$0
HEALTH & WELFARE	\$61,278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,278	\$38,326	\$0	\$0
SANITATION & REFUSE	\$0	\$0	\$0	\$0	\$758,508	\$452,093	\$0	\$0	\$0	\$1,210,601	\$284,777	\$458,341	\$0
HIGHWAYS,ROADS & STREETS	596,093.09	(\$0)	\$274,675	\$0	\$276,711	\$0	\$0	\$0	\$0	\$1,147,479	\$0	\$0	\$0
CULTURE-RECREATION	216,702.60	\$0	\$44,438	\$0	\$0	\$0	\$0	\$0	\$11,956	\$261,141	\$0	\$14,049	\$0
CONSERVATION & DEVELOPMENT	323.46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$323	\$0	\$0	\$0
DEBT SERVICE	76,309.92	\$0	\$0	\$0	\$113,520	\$0	\$0	\$0	\$0	\$189,830	\$0	\$0	\$0
MISCELLANEOUS EXPENDITURES	533,682.01	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$533,682	\$0	\$0	\$0
OTHER FINANCING USES	-	\$0	\$345	\$0	\$40,896	\$0	\$279,543	\$0	\$0	\$320,784	\$0	\$0	\$0
	\$4,543,933	(\$0)	\$343,696	\$0	\$1,189,635	\$452,093	\$279,543	\$0	\$11,956	\$6,808,900	\$323,103	\$472,391	\$418,607
2023 SURPLUS/(DEFICIT)	\$1,254,661	\$530,276	(221,273)	7,369	147,007	(5,823)	(250,193)	24,493	12,818	1,486,515	(582)	(442,211)	(408,581)
CLEARING ACCOUNT ADJUSTMENTS	\$100,537												
4/30/23 ENDING BALANCE	\$7,184,453	\$530,839	\$5,011,300	\$476,294	\$1,305,676	\$559,104	\$2,134,579	\$1,583,101	\$1,807,767	\$20,593,113	\$4,590	\$1,913,709	\$555,354

1 EAST GOSHEN TOWNSHIP
2 BOARD OF SUPERVISORS
3 1580 PAOLI PIKE
4 TUESDAY, May 2, 2023
5 DRAFT MINUTES
6

7 *Note: This meeting was held in person at the East Goshen Township Board Room.*
8

9 **Present:** Chairman John Hertzog; Vice Chairman Mike Lynch; Members: Cody Bright,
10 David Shuey, Michele Truitt; Township Manager Derek Davis; Finance Director Dave
11 Ware; Zoning Officer Duane Brady; Senior Staff Accountant Chris Boylan; Attorney
12 Mark Thompson, Lamb McErlane; Erich Meyer (Conservancy).
13

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

15 John called the meeting to order at 7:00pm and Cody led the Pledge of Allegiance.
16

17 Michele called for a moment of silence for all law enforcement, as May is Law
18 Enforcement Month.
19

20 John announced that the meeting is being livestreamed on YouTube.
21

22 **Chairman's Report:**

23 The Board met in executive session prior to this meeting to discuss personnel and legal
24 matters.
25

26 John stated that the "Clean Up" day was successful. John added there was a presentation
27 of the Arbor Day award and we are now a "Tree City". A tree was planted.
28

29 **Emergency Services Reports:** None
30

31 **Public Hearing:** None
32

33 **Financial Report:** None
34

35 **Approval of Minutes:**

36 Cody made a motion to approve the minutes of April 4 and 18, 2023.
37

38 Mike seconded.
39

40 Motion carried 5-0.
41

42 **Approval of Treasurer's Report:**

43 Dave Ware presented the April 27, 2023 Treasurer's Report. Dave mentioned to the
44 Board that there is approximately \$100K in ARPA funds available. The Board and
45 Township Manager discussed how to spend those funds.
46

1 Michele made a motion to accept the receipts and approve the expenditures as presented
2 in the Expenditure Register and as summarized in the April 27, 2023 Treasurer's Report.

3
4 David seconded.

5
6 David asked how EIT is tracking against budget and prior year. Dave responded.

7
8 Dave gave a Portnoff update.

9
10 Gerry Ruffenach, 200 Reservoir Rd, asked if ARPA funds could be applied to the
11 Reservoir Dam.

12
13 Motion carried 5-0.

14
15 **Old Business:**

16 **Render decision on Conditional Use (CU) hearing for property at 905 Airport Road**
17 **held on March 25, 2023.**

18 David made a motion to grant conditional use to the applicant at 905 Airport Road
19 subject to adherence of all stipulations set forth in the draft conditional use decision.

20
21 Cody seconded.

22
23 Derek asked if Attorney Thompson would prefer to read the conditions aloud. Attorney
24 Thompson stated that is not necessary. Derek will post the information on the website.

25
26 Motion carried 5-0.

27
28 **New Business:**

29 **Applebrook Golf Club Turf Maintenance Area - Easement Agreement.**

30 Derek stated this has been an ongoing conversation and Applebrook would like to
31 implement improvements. Attorney Thompson explained the Applebrook footprint and
32 modifying the easement area.

33
34 Cody made a motion to approve the proposed amended easement for the parcels
35 pertaining to the Applebrook Golf Club Turf Maintenance area and allow the Chair to
36 sign on the Board's behalf.

37
38 Mike seconded.

39
40 Mike acknowledged the County and Solicitor's extensive work on this project.

41
42 Motion carried 5-0.

43
44 **Consideration of Land Development approval for Applebrook Golf Club Turf**
45 **Maintenance Area.**

1 Michele made a motion to approve the proposed land development for the Turf
2 Maintenance Area at Applebrook Golf Club.

3
4 Mike seconded.

5
6 Motion carried 5-0.

7
8 Attorney Brian Nagel thanked the Board.

9
10 **Discussion of ordinance language pertaining to trees within township right-of-way.**
11 Derek explained that this has become a concern due to extensive tree disease and public
12 safety issues that Public Works has been addressing throughout the Township.

13
14 David asked about tree removal cost. Dave responded the 2023 tree removal budget is
15 \$162K, and to date we have spent \$33K in contracted services, in addition to the time
16 Public Works has spent on tree removal. David inquired if there is a Public Works
17 allocation for tree removal. Dave responded.

18
19 David asked Derek to obtain draft ordinances from other municipalities relative to tree
20 removal.

21
22 Derek added that the Township does not take down trees that are not diseased or a public
23 safety hazard. Destruction of property due to roots invading driveways and sidewalks has
24 become an increased resident concern.

25
26 Mike asked if we are divesting ourselves of this service, what category do we put this in;
27 want, need, etc. Mike wondered how much of this is from the Emerald Ash Bore.

28
29 Michele added that she has street trees and does not feel it is fair that other residents
30 would incur the costs if they do not have trees. Michele feels an ordinance should be
31 implemented to have the homeowner maintain and remove the street trees. Discussion
32 followed regarding specifications around what can be installed in the right of way.

33
34 John is concerned with the sample ordinance language stating if work is not done, the
35 Township completes the work and a lien is placed on property. Derek clarified this is for
36 diseased trees on properties.

37
38 Mike asked Attorney Thompson if we could establish a grace period before this becomes
39 the resident's responsibility. Attorney Thompson stated this could be included in the
40 ordinance or possibly stipulate a dollar amount to be spent.

41
42 Cody concurs with Michele's comments.

43
44 Derek will work with Attorney Mark Thompson regarding ordinance language and obtain
45 sample ordinances from surrounding municipalities.

46

1 Russ Frank, 451 Gateswood, feels it is unfair for the Township to put the burden on the
2 resident. John responded the Board meetings are open for residents to voice their
3 opinion. Mike added the staff brought this to the Board's attention. John would like
4 Public Works to focus on other essential duties rather than to cutting trees. Mike stated
5 that Public Works is strained due to limited staff. Dave added that tree trimming is done
6 because fire trucks and large vehicles need a clear path.

7
8 Jerry Ruffenach, 200 Reservoir, commented that he spent a significant amount of his
9 money on tree maintenance along Reservoir Rd at his property. He added that the
10 Township has been great when there is an emergency but the Township does not need to
11 be all to all.

12
13 **Consideration and possible approval of new member appoint to the East Goshen
14 Planning Commission.**

15 Derek explained that we recently accepted Ed Decker's resignation and Mr. Pioggia
16 expressed interest.

17
18 Mike made a motion to appoint Fred Pioggia to the East Goshen Planning Commission
19 for the term expiring at the end of 2025.

20
21 Michele seconded.

22
23 Motion carried 5-0.

24
25 **Placement of "Tree City USA" Signs.**

26 Derek would like the Board to discuss the placement of two street signs given to us by
27 the organization.

28
29 Discussion followed about installing signs at Clymer's Wood, East Goshen Park, Line
30 Road, Airport Road, and West Chester Pike at Manley. John suggested placing both a
31 Tree City sign and a plaque on all of the Welcome to East Goshen Township signs.

32
33 The Board decided to install the two original signs at Clymer's Wood and at Paoli Pike
34 (near the High School) and have smaller signs placed throughout the Township.

35
36 **Approval of O&M Agreement for 1634 Herron Lane.**

37 Cody made a motion to authorize the Chair to sign the storm water management
38 operation and maintenance agreement for the addition located at 1634 Herron Lane.

39
40 Michele seconded.

41
42 Motion carried 5-0.

43
44 **Approval of O&M Agreement for 35 Meadow Creek Road.**

1 Michele made a motion to authorize the Chair to sign the storm water management
2 operation and maintenance agreement for the exterior renovations located at 35 Meadow
3 Creek Rd.

4
5 Mike seconded.

6
7 Motion carried 5-0.

8
9 Mike asked Duane if a log is kept of these agreements and Duane confirmed.

10
11 **Possible adoption of Resolution 2023-08, supporting America250PA.**

12 Derek stated PSATS suggested commemorating the 250th birthday of the Country in
13 2026.

14
15 Cody made a motion to approve Resolution 2023-08, supporting the Pennsylvania
16 Commission for the United States Semiquincentennial, also known as America250PA.

17
18 David seconded.

19
20 Dave added there is no expense relative to this topic.

21
22 Motion carried 5-0.

23
24 **Standing Issues/Projects:**

25 Milltown Dam Project – Derek stated pre-bid meetings will be scheduled soon. Will go
26 out to bid for 5 weeks. 2023 will be dewatering of the area.

27
28 Milltown Pocket Park – Derek will follow up regarding the survey. Dave added specific
29 expenses anticipated.

30
31 Bow Tree Pond – Pre-dredging will be conducted and Derek explained this process.

32 Sonar was conducted last week. Received the \$176K LSA that will repay the
33 Infrastructure Sustainability Fund. June 3rd ribbon cutting.

34
35 **Any Other Matter:** None

36
37 **Public Comment:** None

38
39 **Liaison Reports:**

40 Michele stated “Keep East Goshen Beautiful Day” was successful and would like to see
41 more residents come out in the future.

42
43 Dave is working with Municipal Authority for fund balance requirements over the next
44 10 years. In 2030, almost all capital assets will be fully depreciated. David added
45 comments regarding a PSATS discussion on cooperative agreements with other
46 municipalities. Dave informed the Board and public that the West Goshen Conveyance
47 Fee increased 40%.

1 **Correspondence:** None

2

3 **Adjournment:**

4 There being no further business, Cody motioned to adjourn at 8:15PM.

5

6 Michele seconded.

7

8 Motion carried 5-0.

9

10 Respectfully submitted,

11 *Chris Boylan*

12 *Recording Secretary*

13

14 Attached: April 27, 2023 Treasurer's Report

TREASURER'S REPORT
RECEIPTS AND BILLS

April 13, 2023 - April 27, 2023

GENERAL FUND

Real Estate Tax	\$1,920,689.16
Earned Income Tax	\$242,900.00
Local Service Tax	\$4,100.00
Transfer Tax	\$0.00
General Fund Interest Earned	\$0.00
Total Other Revenue	\$42,537.63

Total General Fund Receipts: \$2,210,226.79

Accounts Payable	\$95,385.35
Electronic Pmts:	
Debt Service	\$1,389.98
Payroll	\$180,519.42

Total Expenditures: \$277,294.75

STATE LIQUID FUELS FUND

Receipts	\$526,639.34
Interest Earned	\$0.00
Total State Liquid Fuels Receipts:	<u>\$526,639.34</u>

Accounts Payable	\$0.00
Total Expenditures:	<u>\$0.00</u>

CAPITAL RESERVE FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Capital Reserve Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$9,136.00
Total Expenditures:	<u>\$9,136.00</u>

TRANSPORTATION FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Transportation Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$0.00
Total Expenditures:	<u>\$0.00</u>

SEWER OPERATING FUND

Receipts	\$193,110.25
Interest Earned	\$0.00

Total Sewer Operating Fund Receipts: \$193,110.25

Accounts Payable	\$17,449.14
Electronic Pmts:	
Debt Service	\$20,656.39

Total Expenditures: \$38,105.53

REFUSE FUND

Receipts	\$72,172.30
Interest Earned	\$0.00
Total Refuse Fund Receipts:	<u>\$72,172.30</u>

Accounts Payable	\$13,182.12
Total Expenditures:	<u>\$13,182.12</u>

BOND FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Bond Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$0.00
Total Expenditures:	<u>\$0.00</u>

SEWER CAPITAL RESERVE FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sewer Capital Reserve Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$0.00
Total Expenditures:	<u>\$0.00</u>

OPERATING RESERVE FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Operating Reserve Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$0.00
Total Expenditures:	<u>\$0.00</u>

INFRASTRUCTURE SUSTAINABILITY FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Infrastructure Sustainability Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$7,856.00
Total Expenditures:	<u>\$7,856.00</u>

ARPA - COVID RELIEF FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total ARPA - COVID Relief Fund Receipts:	<u>\$0.00</u>

Accounts Payable	\$29,095.10
Total Expenditures:	<u>\$29,095.10</u>

1

TREASURER'S REPORT

March 16, 2023 - March 30, 2023

RECEIPTS AND BILLS

GENERAL FUND

Real Estate Tax	\$0.00
Earned Income Tax	\$80,400.00
Local Service Tax	\$9,100.00
Transfer Tax	\$0.00
General Fund Interest Earned	\$19,399.67
Total Other Revenue	\$30,017.43

Total General Fund Receipts: \$138,917.10

Accounts Payable	\$164,273.20
<u>Electronic Pmts:</u>	
Debt Service	\$1,389.98
Payroll	\$153,582.78

Total Expenditures: \$319,245.96

STATE LIQUID FUELS FUND

Receipts	\$0.00
Interest Earned	\$1.98
Total State Liquid Fuels Receipts:	<u>\$1.98</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

CAPITAL RESERVE FUND

Receipts	\$0.00
Interest Earned	\$16,899.57
Total Capital Reserve Fund Receipts:	<u>\$16,899.57</u>

Accounts Payable \$25,221.06
Total Expenditures: \$25,221.06

TRANSPORTATION FUND

Receipts	\$0.00
Interest Earned	\$1,807.40
Total Transportation Fund Receipts:	<u>\$1,807.40</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

SEWER OPERATING FUND

Receipts	\$45,439.58
Interest Earned	\$1,748.16

Total Sewer Operating Fund Receipts: \$47,187.74

Accounts Payable	\$211,496.80
<u>Electronic Pmts:</u>	
Debt Service	\$20,656.39

Total Expenditures: \$232,153.19

REFUSE FUND

Receipts	\$12,648.97
Interest Earned	\$782.20
Total Refuse Fund Receipts:	<u>\$13,431.17</u>

Accounts Payable \$81,979.67
Total Expenditures: \$81,979.67

BOND FUND

Receipts	\$0.00
Interest Earned	\$8,340.16
Total Bond Fund Receipts:	<u>\$8,340.16</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

SEWER CAPITAL RESERVE FUND

Receipts	\$0.00
Interest Earned	\$7,173.40
Total Sewer Capital Reserve Fund Receipts:	<u>\$7,173.40</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

OPERATING RESERVE FUND

Receipts	\$0.00
Interest Earned	\$6,007.85
Total Operating Reserve Fund Receipts:	<u>\$6,007.85</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

INFRASTRUCTURE SUSTAINABILITY FUND

Receipts	\$0.00
Interest Earned	\$5,959.88
Total Infrastructure Sustainability Fund Receipts:	<u>\$5,959.88</u>

Accounts Payable \$0.00
Total Expenditures: \$0.00

ARPA - COVID RELIEF FUND

Receipts	\$0.00
Interest Earned	\$3,595.42
Total ARPA - COVID Relief Fund Receipts:	<u>\$3,595.42</u>

Accounts Payable \$345,876.40
Total Expenditures: \$345,876.40

1

**EAST GOSHEN TOWNSHIP
MEMORANDUM**

TO: BOARD OF SUPERVISORS
FROM: DAVE WARE
SUBJECT: PROPOSED PAYMENTS OF BILLS
DATE: JUNE 1, 2023

Attached please find the Treasurer's Report for the weeks of April 27, 2023 – May 31, 2023.

EIT, Property taxes, LST, Q1 Verizon franchise fee, insurance reimbursements, rent, Parks and Recreation registrations and permit fees drove General Fund revenue during this period.

General Fund expenses include the monthly WEGO contribution and building debt payment, tree removal, vehicle maintenance and repair, fuel, engineering services and recharges, insurance payments, monthly pension contribution, final financial auditing payments, storm water materials, and other routine operational expenses.

The Capital Reserve Fund expended \$72K for Pickle Ball/Tennis Court surfacing and expansion, replacement trailer and highway concrete saw for Public Works, as well as LED lighting upgrade to the Township Building. Interest recouped twenty-five percent of the total amount expended.

The ARPA Fund incurred \$277K in expenses for Hershey Mill Estates Sewer Replacement for construction and landscaping costs.

Recommended motion: Mr. Chairman, I move that we accept the receipts and approve the expenditures as presented in the Expenditure Register and as summarized in the Treasurer's Report.

**TREASURER'S REPORT
RECEIPTS AND BILLS**

April 27, 2023 - June 1, 2023

GENERAL FUND			
Real Estate Tax	\$140,471.22	Accounts Payable	\$628,402.94
Earned Income Tax	\$1,239,607.75	<u>Electronic Pmts:</u>	
Local Service Tax	\$74,022.89	Debt Service	\$1,389.98
Transfer Tax	\$35,547.05	Payroll	\$411,318.54
<i>General Fund Interest Earned</i>	\$22,984.05		
Total Other Revenue	\$227,077.31		
Total General Fund Receipts:	\$1,739,710.27	Total Expenditures:	\$1,041,111.46
STATE LIQUID FUELS FUND			
Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$1,300.56		
Total State Liquid Fuels Receipts:	\$1,300.56	Total Expenditures:	\$0.00
CAPITAL RESERVE FUND			
Receipts	\$0.00	Accounts Payable	\$71,921.68
<i>Interest Earned</i>	\$18,184.35		
Total Capital Reserve Fund Receipts:	\$18,184.35	Total Expenditures:	\$71,921.68
TRANSPORTATION FUND			
Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$1,929.27		
Total Transportation Fund Receipts:	\$1,929.27	Total Expenditures:	\$0.00
SEWER OPERATING FUND			
Receipts	\$658,979.91	Accounts Payable	\$296,674.64
<i>Interest Earned</i>	\$3,038.88	<u>Electronic Pmts:</u>	
		Debt Service	\$20,656.39
Total Sewer Operating Fund Receipts:	\$662,018.79	Total Expenditures:	\$317,331.03
REFUSE FUND			
Receipts	\$197,309.44	Accounts Payable	\$120,546.89
<i>Interest Earned</i>	\$830.13		
Total Refuse Fund Receipts:	\$198,139.57	Total Expenditures:	\$120,546.89
BOND FUND			
Receipts	\$0.00	Accounts Payable	\$2,542.85
<i>Interest Earned</i>	\$7,337.95		
Total Bond Fund Receipts:	\$7,337.95	Total Expenditures:	\$2,542.85
SEWER CAPITAL RESERVE FUND			
Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$7,790.56		
Total Sewer Capital Reserve Fund Receipts:	\$7,790.56	Total Expenditures:	\$0.00
OPERATING RESERVE FUND			
Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$6,412.80		
Total Operating Reserve Fund Receipts:	\$6,412.80	Total Expenditures:	\$0.00
INFRASTRUCTURE SUSTAINABILITY FUND			
Receipts	\$0.00	Accounts Payable	\$0.00
<i>Interest Earned</i>	\$6,640.67		
Total Infrastructure Sustainability Fund Receipts:	\$6,640.67	Total Expenditures:	\$0.00
ARPA - COVID RELIEF FUND			
Receipts	\$0.00	Accounts Payable	\$276,949.08
<i>Interest Earned</i>	\$1,251.09		
Total ARPA - COVID Relief Fund Receipts:	\$1,251.09	Total Expenditures:	\$276,949.08

EAST GOSHEN TOWNSHIP
MONTHLY DEBT PAYMENT BREAKDOWN
May 25, 2023

GENERAL FUND:

Interest payment	Principal payment	Year of Issuance	Loan Description	Original loan amount	Remaining Principal	Retirement Date
\$1,389.98	\$0.00	2003	Multi purpose 9 projects	\$5,500,000.00	\$ 387,000.00	2023
\$0.00	\$0.00	2017	G Playground , Dams, & Paoli Pike Trail	\$5,310,000.00	\$5,285,000.00	2037

SEWER FUND:

Interest payment	Principal payment	Year of Issuance	Loan Description	Original loan amount	Remaining Principal	Retirement Date
\$16,674.90	\$0.00	2008	RCSTP Expansion	9,500,000.00	\$5,053,000.00	2032
\$3,981.49	\$0.00	2013	Diversion Projects	2,500,000.00	\$1,567,000.00	2033
\$0.00	\$0.00	2017	S West Goshen STP	2,840,000.00	\$2,340,000.00	2037

ACH DEBITS TO GENERAL FUNDS

EXPENSE REPORT

Attachment 2 OF 2

Meeting Date

6/6/2023

04/01/2023- 04/30/2023

<u>Fund</u>	<u>Fee Charged</u>	<u>Name</u>	<u>Month Covered</u>	<u>Description</u>
01	38.30	AUTHNET FEES	March 2023	CRED.CARD BANK CHARGES
GENERAL	244.71	BANKCARD FEES	March 2023	CRED.CARD BANK CHARGES
FUND	<u>287.50</u>	M&T MONTHLY FEE	March 2023	POSITIVE PAY & ACH MONITOR
				\$570.51
03	115.00	M&T MONTHLY FEE	March 2023	POSITIVE PAY & ACH MONITOR
CAPITAL				
RESERVE	<u> </u>			
				\$115.00
05	818.72	REIMBURSMENT of Credit Card Fee	March 2023	Paymentus
SEWER	115.00	M&T MONTHLY FEE	March 2023	POSITIVE PAY & ACH MONITOR
FUND	<u> </u>			
				\$933.72
06	818.72	REIMBURSMENT of Credit Card Fee	March 2023	Paymentus
REFUSE	57.50	M&T MONTHLY FEE	March 2023	POSITIVE PAY & ACH MONITOR
FUND	<u> </u>			
				\$876.22
	TOTAL			
				<u>\$2,495.45</u>

6/6/2023 ATTACHMENT 1 OF 2

PLGIT 1107.1010		
DATE	DESCRIPTION	TOTAL
	DEREK DAVIS	
3/30/2023	CC AMAZON- EDWARDS 30LS DOUBLE CENTER TENNIS NETS	288.08
4/1/2023	CC GOTOMYPC - ONE MONTH	44.00
4/1/2023	CC AMAZON- (5) SETS OF CAR VEHICLE DRIVEWAY RAMPS BEAUMONT CIR MR DANIELS	769.44
4/6/2023	CC SP CAMERA POWER PRO- NEW BATTERY AND CHARGER FOR PHIL'S CAMERA	29.89
4/6/2023	CC MATLACK FLORIST- FLOWERS FOR DAVE AND FAMILY	115.95
4/6/2023	CC AMAZON- PUBLIC WORKS FOAMING HAND WASH SOAP CASE OF 6	380.33
4/11/2023	CC AMAZON- PUBLIC WORKS 3M PELTOR WS LITECOM PRO III HEADSET HEADBAND	3,284.82
4/11/2023	CC AMAZON- OFF- ETHERNET CABLES; P & R VINYL FOR SIGNS, CAMP TWO WAY RADIO	283.47
4/12/2023	CC AMAZON- CODES- (10) SANDISK 16GB FLASH MEMORY CAMERA CARD	58.99
4/12/2023	CC AMAZON- FRONT DESK PHONE- 15' PHONE EXTENSION CORD CABLE	13.98
4/14/2023	CC AMAZON- BOARD ROOM MIC SYSTEM- MICROPHONE LINE ADAPTER	130.44
4/16/2023	CC AMAZON- BOARD ROOM MIC SYSTEM- MICROPHONES CABLES	21.92
4/16/2023	CC AMAZON- BOARD ROOM MIC SYSTEM- MICROPHONES, WIRELESS MICROPHONE	310.39
4/16/2023	CC AMAZON- BOARD ROOM NAME PLATES	19.29
4/17/2023	CC AMAZON- PUBLIC WORKS (4) CHEMICAL GUYS SIGNATURE SERIES WHEEL CLEANER	186.95
4/20/2023	CC APPLE.COM- ICLOUD	0.99
4/21/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE	277.50
4/21/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE	277.50
4/21/2023	CC WINE AND SPIRITS- ABC APPRECIATION EVENT	142.71
4/21/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE	277.50
4/21/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE	277.50
4/21/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE	277.50
4/21/2023	CC AMAZON- 1 PALLET OF OFFICE PAPER	1,899.00
4/21/2023	CC GOSHEN BEVERAGE- ABC APPRECIATION EVENT	111.80
4/21/2023	CC HOTEL HERSHEY- PSATS CONFERENCE	277.50
4/22/2023	CC WAWA- GAS FOR TRAVELING TO HERSHEY FOR THE PSATS CONFERENCE	62.36
4/23/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE REFUND	-277.50

4/23/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE REFUND	-555.00
4/23/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE REFUND	-555.00
4/23/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE REFUND	-277.50
4/24/2023	CC APPLE.COM- ICLOUD	0.99
4/26/2023	CC AMAZON- PUBLIC WORKS- TP-LINK USB WIFI ADAPTER FOR DESKTOP	26.98
		\$8,182.77
	MARK MILLER	
3/29/2023	CC PTC EZ PASS AUTO- ACCOUNT REPLENISHMENT	500.00
4/5/2023	CC WORKBOOTS.COM- WORK BOOTS FOR PUBLIC WORKS SMITTY, BILLY	404.94
4/6/2023	CC SP BOOTS ETC- MUCK BOOTS FOR CHAS	130.99
4/11/2023	CC DOG WASTE DEPOT.COM- PARK DOG WASTE BAGS	821.64
4/11/2023	CC GEMPLERS- MUCK BOOTS FOR LYNN	120.00
4/18/2023	CC LANDS END OUTFITTERS- JACKET AND TSHIRT FOR ASHLEY	118.75
		\$2,096.32
	JASON LANG	
3/28/2023	CC IN GSP SIGNS & BANNER- PICKLEBALL COURT SIGNS	247.50
3/30/2023	CC HOME DEPOT- STRIPING BASEBALL FIELD MAINTENANCE	43.48
3/31/2023	CC ACE HARDWARE- FOUL LINE CHALK BASEBALL FIELD MAINTENANCE	50.85
4/3/2023	CC DUTCH APPLE DINNER- DEPOSIT FOR DINNER- BUS TRIP	100.00
4/4/2023	CC INDENTOGO- PA FINGER PRINT- BGC JASON LANG	26.25
4/4/2023	CC PAYPAL PLAQUES- MEMORIAL PLAQUE, JINGLE	98.00
4/6/2023	CC GIANT- 4/9 LEGO CAMP SNACKS	7.79
4/10/2023	CC PA CHILD ABUSE CERT- BGC RAQUEL DUNLEAVY	26.00
4/12/2023	CC HOBBY LOBBY- ROCKETRY SUPPLIES	103.80
4/14/2023	CC INDENTOGO- PA FINGER PRINT- BGC ELLA PRICTO	26.25
4/16/2023	CC DUNKIN- COFFEE AND DONUTS FOR YARDSALE	38.36
4/16/2023	CC HOME DEPOT- PICKLEBALL PROJECT KIOSK, GRANT/EAGLE SCOUT TO REPAY	297.16
4/17/2023	CC INDENTOGO- PA FINGER PRINT- BGC RAQUEL DUNLEAVY	26.25

4/18/2023	CC GIANT- GAGA PIT DEMO SNACKS	7.99
4/20/2023	CC VISTA PRINT- EVENT POSTCARDS FOR THE ART WALK	337.49
4/21/2023	CC GIANT- VOLUNTEER GARDEN CLEAN UP SNACKS	7.48
		<i>\$1,444.65</i>
	DAVE WARE	
3/28/2023	CC INTL CODE COUNCIL	230.00
4/24/2023	CC WENDY'S	25.08
4/25/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE- WARE	555.00
4/25/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE- DAVIS	577.94
4/25/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE- LYNCH	752.48
4/26/2023	CC HOTEL HERSHEY- HOTEL FOR PSATS CONFERENCE- SHUEY	755.00
		2,895.50
	GRAND TOTAL	14,619.24

J/E's made

Add to Master Cred.Card List

X

P.O. Type: All Print Perpetual, Revenue, & G/L Accounts: N Open: N Void: N Paid: Y
 Format: Detail without Line Item Notes Held: N Aprv: N Rcvd: N
 Range: 01-400-0000 to 19-999-9999 Bid: Y State: Y Other: Y Exempt: Y
 Rcvd Batch Id Range: First to Last Paid Date Range: 04/27/23 to 05/31/23 Include Non-Budgeted: Y
 Prior Year Only: N * Means Prior Year Line
 Vendors: All
 DEPT Page Break: No Subtotal DEPT: No

Account P.O. Id	Item Vendor	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-401-2100 MATERIALS & SUPPLIES										
23-01190	1 MGLPR005	MGL PRINTING SOLUTIONS	INFRASTRUCTURE CHECKS	117.00	P	24591 04/28/23	04/28/23	04/28/23	196943	
23-01291	1 ODPBU005	ODP BUSINESS SOLUTIONS LLC	STICKY NOTE PADS, PERF PADS	66.04	P	24640 05/09/23	05/09/23	05/10/23	309016110001	
23-01338	1 STAPL005	STAPLES CREDIT PLAN	NOTEPADS, CLASP MOISTEN BOTTLE	21.27	P	24667 05/16/23	05/16/23	05/16/23	3268676371	
23-01339	1 WBMAS005	W.B.MASON CO., INC.	VARIOUS HP TONER CARTRIDGES	1,460.38	P	24670 05/16/23	05/16/23	05/16/23	238249442	
23-01426	1 ODPBU005	ODP BUSINESS SOLUTIONS LLC	STAMP, SELF INKING	30.99	P	24720 05/23/23	05/23/23	05/25/23	310231616001	
				<u>1,695.68</u>						
01-401-2110 STATIONERY										
23-01326	1 GRAPH005	GRAPHIC IMPRESSIONS OF AMERICA	BOS WINDOW ENVELOPES #10	279.00	P	24659 05/12/23	05/12/23	05/16/23	23-4135	
01-401-3000 GENERAL EXPENSE										
23-01237	1 PENNS035	PENNSYLVANIA STATE POLICE	BACKGROUND CHECK- J. CUOZZO	22.00	P	24617 05/03/23	05/03/23	05/03/23	R28850761	
23-01237	2 PENNS035	PENNSYLVANIA STATE POLICE	BACKGROUND CHECK- E. PRIETO	22.00	P	24617 05/03/23	05/03/23	05/03/23	R28850762	
23-01237	3 PENNS035	PENNSYLVANIA STATE POLICE	BACKGROUND CHECK- C. CONATY	22.00	P	24617 05/03/23	05/03/23	05/03/23	R28853934	
				<u>66.00</u>						
01-401-3070 PSATS EXPENSE										
23-01294	1 WARE005	WARE, DAVID	REIMBURSE TRAVEL TO/FROM PSATS	54.57	P	24651 05/10/23	05/10/23	05/10/23	051023	
01-401-3120 CONSULTING SERVICES										
23-01194	1 AMSAP005	AMS APPLIED MICRO SYSTEMS LTD.	APRIL 2023	1,072.00	P	24599 05/01/23	05/01/23	05/03/23	69351	
23-01199	1 SEATR005	SEATRUSTIT LLC	CONVERT S.SMITH EMAIL SHARED M	63.00	P	24618 05/02/23	05/02/23	05/03/23	319	
23-01200	1 BDCOM005	B&D COMPUTER SOLUTIONS	APRIL 2023	2,000.00	P	24601 05/02/23	05/02/23	05/03/23	3419	
				<u>3,135.00</u>						
01-401-3130 CONSULTING - PERSONNEL										
23-01178	1 PENNO005	PENNONI ASSOCIATES INC.	SERVICES THRU 032623 GEN CONST	565.25	P	24592 04/28/23	04/28/23	04/28/23	1167272	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-401-3210 COMMUNICATION EXPENSE									
23-01201	1 COMCA005	COMCAST 8499-10-109-0028306	0028306 MAY 2023	168.39	P	24604 05/02/23	05/02/23	05/03/23	042223
23-01253	1 NETCA025	NETCARRIER TELECOM INC. 67846	05/01/2023- 05/31/2023	500.79	P	24639 05/09/23	05/09/23	05/10/23	841885
23-01253	2 NETCA025	NETCARRIER TELECOM INC. 67846	05/01/2023- 05/31/2023	56.59	P	24639 05/09/23	05/09/23	05/10/23	832688
23-01262	1 TWPFI005	VERIZON - TWP.FIOS 0001-74	4/28-5/27/23 TWP. FIOS 1	109.99	P	24649 05/09/23	05/09/23	05/10/23	042723
23-01308	1 VERIZ040	VERIZON - 542413545-00001	3/22-4/21/23D.DAVIS & BOS CELL	1,346.51	P	232 05/11/23	05/11/23	05/11/23	
23-01325	1 FIRST015	FIRSTNET - #287290606505	APRIL 2023	209.05	P	24657 05/12/23	05/12/23	05/16/23	606505x05082023
23-01333	1 COMCA025	COMCAST 8499-10-109-0111284	0111284 5/6/23-6/8/23 SPEC VID	42.28	P	24654 05/16/23	05/16/23	05/16/23	050423
23-01386	1 COMCA010	COMCAST 8499-10-109-0107472	0107472 5/17-6/16/23 PW TV	31.70	P	24676 05/19/23	05/19/23	05/19/23	051023
23-01465	1 BEENE005	BEE.NET INTERNET SERVICES	BEE MAIL ACCTS JUNE 2023	830.00	P	24705 05/25/23	05/25/23	05/25/23	202306004
23-01472	1 VERIZ045	VERIZON 357-044-996-0001-93	5/21-6/20/23 FIOS TWP BLDG #2	194.00	P	24731 05/30/23	05/30/23	05/30/23	052023
23-01473	1 VERIZ045	VERIZON 357-044-996-0001-93	4/21-5/20/23 FIOS TWP BLDG #2	194.00	P	239 05/30/23	05/30/23	05/30/23	042023
23-01477	1 COMCA005	COMCAST 8499-10-109-0028306	0028306 JUNE 2023	168.39	P	24729 05/30/23	05/30/23	05/30/23	
				<u>3,738.51</u>					
01-401-3400 ADVERTISING - PRINTING									
23-01281	1 21STC005	21ST CENT.MEDIA NEWS #884433	NOTICE-EGT FINANCIAL STATEMENT	284.28	P	24627 05/09/23	05/09/23	05/10/23	2461717
23-01281	2 21STC005	21ST CENT.MEDIA NEWS #884433	NOTICE- MUN AUTH FINANCIAL STA	289.46	P	24627 05/09/23	05/09/23	05/10/23	2461717
				<u>573.74</u>					
01-401-3840 RENTAL OF EQUIP. -OFFICE									
23-01350	1 GREAT010	GREAT AMERICA FINANCIAL SERVIC	JUNE 2023 LANIER MP C6004EX	186.00	P	24680 05/17/23	05/17/23	05/19/23	34047953
01-402-3110 AUDITING EXPENSE									
23-01269	1 MAILL005	MAILLIE FALCONIERO & CO.	PROGRESS BILLING EGT FINANCIAL	12,500.00	P	24636 05/09/23	05/09/23	05/10/23	94624
23-01443	1 MAILL005	MAILLIE FALCONIERO & CO.	FINAL BILLING AUDIT EGT FINAN	6,196.00	P	24716 05/24/23	05/24/23	05/25/23	94749
				<u>18,696.00</u>					
01-404-3140 LEGAL - ADMIN									
23-01285	1 PC000005	LAMB MCERLANE PC	LEGAL SERV APRIL2023 ADMIN/GEN	1,407.86	P	24642 05/09/23	05/09/23	05/10/23	228712
23-01286	1 PC000005	LAMB MCERLANE PC	LEGAL SERV APRIL2023 ORDINANCE	950.00	P	24642 05/09/23	05/09/23	05/10/23	228713
23-01287	1 PC000005	LAMB MCERLANE PC	LEGAL SERV APRIL2023APPLEBROOK	1,400.00	P	24642 05/09/23	05/09/23	05/10/23	228714
23-01310	1 FOXRO005	FOX ROTHCHILD LLP	LEGAL SERV THRU 043023-EMPLOYM	112.50	P	24658 05/11/23	05/11/23	05/16/23	
				<u>3,870.36</u>					
01-407-2130 COMPUTER EXPENSE									
23-01290	1 ODPBU005	ODP BUSINESS SOLUTIONS LLC	SCULPT MOUSE	41.99	P	24640 05/09/23	05/09/23	05/10/23	309015531001

Account	Description			First	Rcvd	Chk/Void		PO
P.O. Id	Item Vendor	Item Description	Amount	Stat/Chk	Enc Date	Date	Date Invoice	Type
01-408-3130		ENGINEERING SERVICES						
23-01179	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 PAOLI PK PED	176.75	P	24592	04/28/23	04/28/23 04/28/23	1167273
23-01180	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 ELLIS LANE FL	72.50	P	24592	04/28/23	04/28/23 04/28/23	1167274
23-01387	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 GEN. CONSULT	484.25	P	24693	05/19/23	05/19/23 05/19/23	1160674
23-01388	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 PAOLI PK PEDS	2,683.50	P	24693	05/19/23	05/19/23 05/19/23	1160675
23-01447	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 GEN. CONSULT	260.75	P	24722	05/25/23	05/25/23 05/25/23	1171658
23-01448	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 BOW TREE POND	942.25	P	24722	05/25/23	05/25/23 05/25/23	1171660
23-01449	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 ELLIS LANE FL	1,282.50	P	24722	05/25/23	05/25/23 05/25/23	1171661
23-01450	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 MILLTOWN PARK	1,309.00	P	24722	05/25/23	05/25/23 05/25/23	1171662
			7,211.50					
01-408-3131		ENGINEER.& MISC.RECHARGES						
23-01181	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 1351 PAOLI PK	292.50	P	24592	04/28/23	04/28/23 04/28/23	1167275
23-01182	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 MILLSTONE MEA	372.50	P	24592	04/28/23	04/28/23 04/28/23	1167276
23-01183	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 ABGC MTCE	1,087.75	P	24592	04/28/23	04/28/23 04/28/23	1167277
23-01184	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 301 RESERVOIR	74.50	P	24592	04/28/23	04/28/23 04/28/23	1167278
23-01185	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 706 HEMLOCK	760.50	P	24592	04/28/23	04/28/23 04/28/23	1167279
23-01186	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 032623 HER MILL SWM	260.75	P	24592	04/28/23	04/28/23 04/28/23	1167280
23-01389	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 MALVERN INSTU	37.25	P	24693	05/19/23	05/19/23 05/19/23	
23-01390	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 1351 PAOLI PK	277.00	P	24693	05/19/23	05/19/23 05/19/23	1160677
23-01391	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 HM FARMS	111.75	P	24693	05/19/23	05/19/23 05/19/23	1160678
23-01392	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 ABGC MTCE	394.00	P	24693	05/19/23	05/19/23 05/19/23	1160679
23-01393	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 301 RESERVOIR	186.25	P	24693	05/19/23	05/19/23 05/19/23	1160680
23-01394	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 HM SWM	1,604.75	P	24693	05/19/23	05/19/23 05/19/23	1160681
23-01395	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 822 COTTONWD	128.00	P	24693	05/19/23	05/19/23 05/19/23	1160682
23-01396	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 BENTLEY, 1712	149.00	P	24693	05/19/23	05/19/23 05/19/23	1160683
23-01397	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 26 EDGEWOOD	128.00	P	24693	05/19/23	05/19/23 05/19/23	1160684
23-01398	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 1671&1681 STR	74.50	P	24693	05/19/23	05/19/23 05/19/23	1160685
23-01399	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 022623 1524 BRIAN DR	223.50	P	24693	05/19/23	05/19/23 05/19/23	1160686
23-01451	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 1351 PAOLI PK	1,095.00	P	24722	05/25/23	05/25/23 05/25/23	1771663
23-01452	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 MILLSTONE MEA	111.75	P	24722	05/25/23	05/25/23 05/25/23	1171664
23-01453	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 ABGC MTCE	149.00	P	24722	05/25/23	05/25/23 05/25/23	1171665
23-01454	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 980 HM ROAD	314.25	P	24722	05/25/23	05/25/23 05/25/23	1171666
23-01455	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 706 HEMLOCK H	64.00	P	24722	05/25/23	05/25/23 05/25/23	1171667
23-01456	1 PENNO005 PENNONI ASSOCIATES INC.	SERV TJRU 042323 HM SWM	470.25	P	24722	05/25/23	05/25/23 05/25/23	1171668
23-01457	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 324 DUTTON MI	383.25	P	24722	05/25/23	05/25/23 05/25/23	1171669
23-01458	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 SS PETER&PAUL	107.75	P	24722	05/25/23	05/25/23 05/25/23	1171670
23-01459	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 BENTLEY, 1712	111.75	P	24722	05/25/23	05/25/23 05/25/23	1171671

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-408-3131	ENGINEER.& MISC.RECHARGES	Continued							
23-01460	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 042323 WEST,330 SPRI	108.75	P	24722 05/25/23	05/25/23	05/25/23	1171672	
			9,078.25						
01-409-3600	TWP. BLDG. - FUEL, LIGHT, WATER								
23-01154	1 AQUAP010 AQUA PA 01	309801309801 2/23/23-3/22/23BS	21.86	P	24582 04/27/23	04/27/23	04/28/23	032423	BS
23-01155	1 AQUAP010 AQUA PA 01	309801309801 3/22/23-4/24/23BS	33.33	P	24582 04/27/23	04/27/23	04/28/23	042623	BS
23-01258	1 PECO0010 PECO - 99193-01302	9919301302 3/27-4/25/23 SUMMAR	47.86	P	24644 05/09/23	05/09/23	05/10/23	050523	
23-01258	2 PECO0010 PECO - 99193-01302	9919301302 3/27-4/25/23 SUMMAR	2,548.16	P	24644 05/09/23	05/09/23	05/10/23	050523	
23-01258	3 PECO0010 PECO - 99193-01302	9919301302 3/27-4/25/23 SUMMAR	79.24	P	24644 05/09/23	05/09/23	05/10/23	050523	
23-01258	4 PECO0010 PECO - 99193-01302	9919301302 3/27-4/25/23 SUMMAR	48.06	P	24644 05/09/23	05/09/23	05/10/23	050523	
23-01272	1 PECO0045 PECO - 01360-05046	01360-05046 3/29-4/27/23 BOOT	60.57	P	24646 05/09/23	05/09/23	05/10/23	042823	
23-01411	1 AQUAP010 AQUA PA 01	309828 0309828 4/19-5/18/23 TB	340.83	P	24703 05/23/23	05/23/23	05/25/23	052223	TB
23-01413	1 AQUAP010 AQUA PA 01	309820 0309820 4/19-5/18/23 FR	242.86	P	24703 05/23/23	05/23/23	05/25/23	052223	FR
23-01471	1 AQUAP010 AQUA PA 01	309801 0309801 4/24-5/23/23 BS	21.86	P	24728 05/26/23	05/26/23	05/30/23	052523	BS
			3,444.63						
01-409-3605	PW BLDG - FUEL,LIGHT,SEWER & WATER								
23-01384	1 VERIZ010 VERIZON - 0527	5/15-6/14/23 1570 PAOLI PIK PW	205.73	P	24697 05/19/23	05/19/23	05/19/23	051423	
23-01408	2 PECO0015 PECO - 45168-01609	45168-01609 4/19/23-5/18/2023	542.92	P	236 05/23/23	05/23/23	05/23/23	052223	
23-01412	1 AQUAP010 AQUA PA 01	496917 0309798 4/19-5/18/23 PW	226.84	P	24703 05/23/23	05/23/23	05/25/23	052223	PW
			975.49						
01-409-3740	TWP. BLDG. - MAINT & REPAIRS								
23-01161	2 CINTA005 CINTAS CORPORATION #287	CLEAN MATS & UNIFORMS WE 042623	46.56	P	24584 04/27/23	04/27/23	04/28/23	4153689014	
23-01174	1 YALEE005 YALE ELECTRIC SUPPLY CO	LED EMERGENCY EXIT SIGN	357.90	P	24595 04/28/23	04/28/23	04/28/23	s122964495.001	
23-01220	1 COLON005 COLONIAL ELECTRIC SUPPLY	EMERGENCY LGTS & WHT CEIL PLAT	511.10	P	24603 05/03/23	05/03/23	05/03/23	15163268	
23-01224	1 WBMAS005 W.B.MASON CO.,INC.	TOILET PAPER AND PAPER TOWLES	94.19	P	24621 05/03/23	05/03/23	05/03/23	237930509	
23-01232	1 LOCKS005 GREAT VALLEY LOCKSHOP	FIX MENS BATHROOM DOOR	125.00	P	24612 05/03/23	05/03/23	05/03/23		
23-01264	1 CLEAN015 CLEAN RIGHT BUILDING SERVICES	JANITORIAL SERV FOR APRIL 2023	1,420.65	P	24629 05/09/23	05/09/23	05/10/23	CL10923	
23-01292	2 CINTA005 CINTAS CORPORATION #287	CLEAN MATS& UNIFORMS WE 050323	46.56	P	24628 05/10/23	05/10/23	05/10/23	4154407082	
23-01293	2 CINTA005 CINTAS CORPORATION #287	CLEAN MATS & UNIFRMS WE 051023	46.56	P	24628 05/10/23	05/10/23	05/10/23	4155089188	
23-01299	1 MORE0005 MULCH & MORE	2 YD BROWN DYED MULCH	65.00	P	24638 05/10/23	05/10/23	05/10/23	99819	
23-01318	1 LOCKS005 GREAT VALLEY LOCKSHOP	FIXED DOOR LOCK FOR LYNN, KEYS	189.00	P	24663 05/11/23	05/11/23	05/16/23	2023001264	
23-01321	2 CINTA005 CINTAS CORPORATION #287	CLEAN MATS& UNIFORMS WE 040523	46.56	P	24653 05/12/23	05/12/23	05/16/23	4151557602	
23-01328	1 TGWIN005 T&G WINDOW CLEANING	MAY WINDOW CLEANING TWP BUILDI	1,100.00	P	24668 05/12/23	05/12/23	05/16/23	550805	
23-01342	1 EXCEL005 EXCEL ELEVATOR & ESCALATOR	ELEVATOR MAINTENANCE JUNE 2023	54.21	P	24656 05/16/23	05/16/23	05/16/23	236053	
23-01381	1 WOODC005 WOODCRAFT 537	FAMOWOOD FILLER & GLUE	15.97	P	24700 05/18/23	05/18/23	05/19/23	537-059804	
23-01382	1 ENVIR005 ECPC, LLC	PEST CONTROL MAY 2023	145.00	P	24679 05/19/23	05/19/23	05/19/23	23056	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-409-3740	TWP. BLDG. - MAINT & REPAIRS								
	Continued								
23-01419	1 SAFET005	SAFETY SOLUTIONS INC.	MEDICAL/FIRST AID SUPPLIES-OFF	53.65	P	24723 05/23/23	05/23/23	05/25/23	55926
23-01422	1 ENVIR005	ECPC, LLC	YELLOW JACKETS 2022	98.33	P	24709 05/23/23	05/23/23	05/25/23	19956
23-01437	1 CINTA005	CINTAS CORPORATION #287	CLEAN MATS& UNIFORMS WE 052423	46.56	P	24706 05/24/23	05/24/23	05/25/23	4156498426
				<u>4,462.80</u>					
01-409-3745	PW BUILDING - MAINT REPAIRS								
23-01213	1 COMPA005	COMPASS HARDWOODS LLC	LAMINATE COUNTERTOP W/ LAM NOS	427.50	P	24605 05/03/23	05/03/23	05/03/23	14440
23-01382	2 ENVIR005	ECPC, LLC	PEST CONTROL MAY 2023	75.00	P	24679 05/19/23	05/19/23	05/19/23	23056
23-01422	2 ENVIR005	ECPC, LLC	YELLOW JACKETS 2022	98.33	P	24709 05/23/23	05/23/23	05/25/23	19956
23-01433	1 FERRY010	FERRY PLUMBING INC., DAN	BLACKFLOW TEST ON WATTS	200.00	P	24710 05/23/23	05/23/23	05/25/23	11095
				<u>800.83</u>					
01-409-3840	DISTRICT COURT EXPENSES								
23-01224	2 WBMAS005	W.B.MASON CO.,INC.	TOILET PAPER AND PAPER TOWLES	94.19	P	24621 05/03/23	05/03/23	05/03/23	237930509
23-01264	2 CLEAN015	CLEAN RIGHT BUILDING SERVICES	JANITORIAL SERV FOR APRIL 2023	424.35	P	24629 05/09/23	05/09/23	05/10/23	CL10923
23-01329	1 TGWIN005	T&G WINDOW CLEANING	MAY WINDOW CLEANING DIST COURT	150.00	P	24668 05/12/23	05/12/23	05/16/23	550806
23-01337	1 YALEE005	YALE ELECTRIC SUPPLY CO	REPLACE EMERGENCY EXIT LIGHTS	704.99	P	24671 05/16/23	05/16/23	05/16/23	S123032702.001
23-01382	3 ENVIR005	ECPC, LLC	PEST CONTROL MAY 2023	70.00	P	24679 05/19/23	05/19/23	05/19/23	23056
23-01385	1 EAGLE020	EAGLE TERMITE & PEST CONTROL	ONE TIME CLEAN OUT FOR BEES	195.00	P	24678 05/19/23	05/19/23	05/19/23	245138
23-01408	1 PEC0015	PECO - 45168-01609	45168-01609 4/19/23-5/18/2023	451.26	P	236 05/23/23	05/23/23	05/23/23	052223
23-01425	1 VERIZ025	VERIZON-1420	5/16-6/15/23 DC ALARM SYSTEM	82.79	P	24726 05/23/23	05/23/23	05/25/23	051523
				<u>2,172.58</u>					
01-410-5300	POLICE GEN.EXPENSE								
23-01192	1 WESTT010	WESTTOWN-EAST GOSHEN POLICE	MAY 2023 CONTRIBUTION	346,108.08	P	24598 05/01/23	05/01/23	05/01/23	050123
01-410-5310	REGIONAL POLICE BLDG INTEREST								
23-01193	1 WESTT005	WESTTOWN TOWNSHIP	MAY 2023 INTEREST	920.71	P	24597 05/01/23	05/01/23	05/01/23	050123
01-410-5320	REGIONAL POLICE BLDG PRINCIPAL								
23-01193	2 WESTT005	WESTTOWN TOWNSHIP	MAY 2023 PRINCIPAL	9,471.08	P	24597 05/01/23	05/01/23	05/01/23	050123
01-411-3000	FIRE MARSHAL - EXPENSES								
23-01354	1 PENNS005	MES - PENNSYLVANIA	FIRE MARSHALL- FIRE G2M GLOVE	99.00	P	24694 05/17/23	05/17/23	05/19/23	IN1873088
23-01356	1 PENNS005	MES - PENNSYLVANIA	FIRE MARSH-THERMAL IMAG CAMERA	612.31	P	24694 05/17/23	05/17/23	05/19/23	IN1872536
				<u>711.31</u>					

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P.O. Id	Item Vendor								
01-411-3630		HYDRANT & WATER SERVICE							
23-01197	1 AQUAP025 AQUA PA - HY	310030310033 3/31-4/28/23 186	5,302.32	P	24600 05/02/23	05/02/23	05/03/23	050123 279	
23-01198	1 AQUAP025 AQUA PA - HY	3099870309987 3/31-4/28/23 HYS	171.04	P	24600 05/02/23	05/02/23	05/03/23		
			<u>5,473.36</u>						
01-411-3631		HYDRANTS - RECHARGE EXPENSE							
23-01197	2 AQUAP025 AQUA PA - HY	310030310033 3/31-4/28/23 93	2,651.17	P	24600 05/02/23	05/02/23	05/03/23	050123 279	
01-411-6000		VOLUNTEER FIREFIGHTER WORKERS COMP							
23-01234	1 STATE005 STATE WORKERS INSURANCE FUND	POLICY # 05918452 INSTL 6 OF11	3,176.00	P	24619 05/03/23	05/03/23	05/03/23	050123	
01-413-3000		GENERAL EXPENSE							
23-01277	1 MONTG010 MONTGOMERY COUNTY PLANNING COM	COURSE- ZONING ADMINISTRATION	110.00	P	24637 05/09/23	05/09/23	05/10/23	050523	
01-413-3130		ENGINEERING SERVICES							
23-01331	1 ARROC005 ARRO CONSULTING INC.	PROF SERVICES THRU 042823	4,289.84	P	24652 05/12/23	05/12/23	05/16/23		
23-01462	1 LTLCO005 LTL CONSULTANTS, LTD.	PROF SERVICES 050123-051223	4,177.52	P	24715 05/25/23	05/25/23	05/25/23	1165265	
			<u>8,467.36</u>						
01-413-3840		RENTAL OF EQUIP. -CODES							
23-01266	1 GREAT010 GREAT AMERICA FINANCIAL SERVIC	LANIER IMC3000 COPIER-CODES	116.00	P	24633 05/09/23	05/09/23	05/10/23	33933346	
01-414-3110		LEGAL - CODES							
23-01288	1 PC000005 LAMB MCERLANE PC	LEGAL SERV APRIL23 905 AIRPORT	450.00	P	24642 05/09/23	05/09/23	05/10/23	228716	
01-414-3141		LEGAL - ZONING HEARING BOARD							
23-01188	1 FREES005 UNRUH TURNER BURKE FREES	LEGAL SERV032423-041223 PETRUZ	929.04	P	24587 04/28/23	04/28/23	04/28/23	202298	
23-01189	1 FREES005 UNRUH TURNER BURKE FREES	LEGAL SERV 040323-041323 REINE	609.00	P	24587 04/28/23	04/28/23	04/28/23	202299	
			<u>1,538.04</u>						
01-414-5001		ZONING IT CONSULTING							
23-01194	2 AMSAP005 AMS APPLIED MICRO SYSTEMS LTD.	APRIL 2023	28.00	P	24599 05/01/23	05/01/23	05/03/23	69351	
01-430-2320		VEHICLE OPERATION - FUEL							
23-01244	1 REILL005 REILLY & SONS INC	583.50 GALS DIESEL	1,869.53	P	228 05/05/23	05/05/23	05/05/23	14912140	
23-01245	1 REILL005 REILLY & SONS INC	208.30 GALS GASOLINE E10	610.84	P	228 05/05/23	05/05/23	05/05/23	14912326	
23-01246	1 REILL005 REILLY & SONS INC	509.70 GALS DIESEL	1,589.75	P	228 05/05/23	05/05/23	05/05/23	14964559	
23-01247	1 REILL005 REILLY & SONS INC	184.10 GALS GASOLINE E10	578.53	P	228 05/05/23	05/05/23	05/05/23	14964568	
23-01306	1 REILL005 REILLY & SONS INC	195.90 GALS GASOLINE E10	556.26	P	231 05/11/23	05/11/23	05/11/23	15016989	

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P.O. Id	Item Vendor								
01-430-2320		VEHICLE OPERATION - FUEL							
		Continued							
23-01307	1 REILL005 REILLY & SONS INC	532.80 GALS DIESEL	1,566.43	P	231 05/11/23	05/11/23	05/11/23	15017051	
23-01467	1 REILL005 REILLY & SONS INC	489.00 GALS DIESEL	1,376.05	P	238 05/26/23	05/26/23	05/26/23	15176123	
23-01468	1 REILL005 REILLY & SONS INC	157.50 GALS GASOLINE E10	453.60	P	238 05/26/23	05/26/23	05/26/23	15176138	
			8,600.99						
01-430-2330		VEHICLE MAINT AND REPAIR							
23-01165	1 FOLEY005 FOLEY INC.	REPLACE W/ NEWW QUICK COUPLER	606.50	P	24586 04/27/23	04/28/23	04/28/23		
23-01166	1 KENTA005 KENT AUTOMOTIVE	2 EXHAUST PREFORMCLAMP	341.50	P	24589 04/27/23	04/27/23	04/28/23	9310521321	
23-01172	1 PETTY005 PETTY CASH	F-150 (2) STRIPES STRIPE CRAFT	75.00	P	24593 04/28/23	04/28/23	04/28/23	042723	
23-01229	1 KENTA005 KENT AUTOMOTIVE	(6) STAND MF CLPSS MUF CLAMP	142.29	P	24610 05/03/23	05/03/23	05/03/23	9310533496	
23-01300	1 OROUR005 O'ROURKE & SONS INC.	TABLE- 1/8 X 3" X 6' PLATE	30.00	P	24641 05/10/23	05/10/23	05/10/23	R54326	
23-01320	1 KEENC005 KEEN COMPRESSED GAS COMPANY	OXYGEN & ACETYLENE CYLINDERS	180.26	P	24661 05/12/23	05/12/23	05/16/23		
23-01323	1 KENTA005 KENT AUTOMOTIVE	(4) EXHAUST PREFORMCLAMP	227.67	P	24662 05/12/23	05/12/23	05/16/23	9310555955	
23-01351	1 KENTA005 KENT AUTOMOTIVE	5/16" HARDENED STL FLAT WASHER	151.96	P	24684 05/17/23	05/17/23	05/19/23	9310594144	
23-01355	1 KENTA005 KENT AUTOMOTIVE	1/4" HARDENED STL FLAT WASHER	108.84	P	24684 05/17/23	05/17/23	05/19/23	9310581402	
23-01357	1 HODGS005 HODGSON'S AUTOMOTIVE INC.	2009 FORD RANGER EMISSION INSP	25.70	P	24682 05/17/23	05/17/23	05/19/23	91549	
23-01366	1 EAGLE005 EAGLE POWER TURF & TRACTOR	BELT, 60" DECK	804.54	P	24677 05/18/23	05/18/23	05/19/23	P16412	
23-01367	1 LOCKS005 GREAT VALLEY LOCKSHOP	MASTER # 3 PADLOCK W/ 2" SHACK	73.68	P	24688 05/18/23	05/18/23	05/19/23	CO23000468	
23-01368	1 BAILL005 BAILLIE FABRICATING & WELDING	SHEARED DIAMOND PLATE ALUMINUM	30.00	P	24674 05/18/23	05/18/23	05/19/23	13888	
23-01370	1 NEWHO005 NEW HOLLAND GROUP	CAIP ASY- FUEL	15.30	P	24692 05/18/23	05/18/23	05/19/23	2101686FOW	
23-01371	1 NEWHO005 NEW HOLLAND GROUP	LAMP ASY, GLASS ASY TRUCK # 9	239.05	P	24692 05/18/23	05/18/23	05/19/23	2101469FOW	
23-01372	1 NEWHO005 NEW HOLLAND GROUP	LAMP ASY TRUCK # 7	13.42	P	24692 05/18/23	05/18/23	05/19/23	2102619FOW	
23-01373	1 NEWHO005 NEW HOLLAND GROUP	KIT- BRAKE, ROTOR ASY	231.48	P	24692 05/18/23	05/18/23	05/19/23	2102623FOW	
23-01383	1 NAPAA015 NAPA AUTO PARTS #38827306	5 GALLON 4 CYCLE	587.70	P	24690 05/19/23	05/19/23	05/19/23	7335-160863	
23-01383	2 NAPAA015 NAPA AUTO PARTS #38827306	STABILIZER BAR LINK	38.78	P	24690 05/19/23	05/19/23	05/19/23	7335-161605	
23-01383	3 NAPAA015 NAPA AUTO PARTS #38827306	LGT- IGNTG DIFF & LAMP	223.08	P	24690 05/19/23	05/19/23	05/19/23	7335-163315	
23-01383	4 NAPAA015 NAPA AUTO PARTS #38827306	BRAKE PARTS CLEANER	93.36	P	24690 05/19/23	05/19/23	05/19/23	7335-164219	
23-01383	5 NAPAA015 NAPA AUTO PARTS #38827306	30 MO WTY BATTERY & CORE DEPOS	125.98	P	24690 05/19/23	05/19/23	05/19/23	7335-160708	
23-01383	6 NAPAA015 NAPA AUTO PARTS #38827306	FUSE- AUTOMOTIVE BP/ATM L	14.46	P	24690 05/19/23	05/19/23	05/19/23	7335-160327	
23-01383	7 NAPAA015 NAPA AUTO PARTS #38827306	FUSE & FUSE ATM20	17.49	P	24690 05/19/23	05/19/23	05/19/23	7335-160635	
23-01401	1 REILL005 REILLY & SONS INC	516.60 GALS DIESEL	1,420.65	P	234 05/22/23	05/22/23	05/22/23	15068669	
23-01402	1 REILL005 REILLY & SONS INC	126.90 GALS GASOLINE E10	357.22	P	234 05/22/23	05/22/23	05/22/23	15068693	
23-01403	1 REILL005 REILLY & SONS INC	258.00 GALS GASOLINE E10	745.62	P	234 05/22/23	05/22/23	05/22/23	15124324	
23-01404	1 REILL005 REILLY & SONS INC	555.90 GALS DIESEL	1,580.98	P	234 05/22/23	05/22/23	05/22/23	15124403	
23-01417	1 KEENC005 KEEN COMPRESSED GAS COMPANY	CO2/ ARGON CYLINDER RENTAL	91.70	P	24712 05/23/23	05/25/23	05/25/23	31089274	
23-01423	1 SENNR005 SENN REPAIRS	TK #47 SEAL KIT,PINION SEAL	288.07	P	24724 05/23/23	05/23/23	05/25/23	7211	
23-01440	1 OROUR005 O'ROURKE & SONS INC.	1/8X4"FLAT BAR 12' STAINLESS ST	285.00	P	24721 05/24/23	05/24/23	05/25/23	R54402	
23-01441	1 NEWHO005 NEW HOLLAND GROUP	GLASS ASY	76.99	P	24719 05/24/23	05/24/23	05/25/23	2103010FOW	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/void Date	Invoice	PO Type
01-430-2330	VEHICLE MAINT AND REPAIR	Continued							
23-01445	1 EAGLE005 EAGLE POWER TURF & TRACTOR	20 CHAIN, H26, TRUFUEL 50:1	285.20	P	24708 05/25/23	05/25/23	05/25/23		
23-01446	1 EAGLE005 EAGLE POWER TURF & TRACTOR	SPK, BLADE NOTC	713.70	P	24708 05/25/23	05/25/23	05/25/23	P16601	
23-01463	1 NEWHO005 NEW HOLLAND GROUP	ACTUATOR ASY END-SPINDLE	201.35	P	24719 05/25/23	05/25/23	05/25/23	2104881FOW	
			<u>10,444.52</u>						
01-432-2500	SNOW - MAINTENANCE & REPAIRS								
23-01223	1 DECKM005 DECKMAN MOTOR & PUMP INC.	INSPECT LITL GIAN SUMP PUMP	45.00	P	24606 05/03/23	05/03/23	05/03/23	5303	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
01-433-2470	UTILITIES - TRAFFIC LIGHTS								
23-01236	2 PECO0020 PECO - 99193-01400	99193-01400 3/22/23-4/20/23	621.36	P	24615 05/03/23	05/03/23	05/03/23	050123	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
01-433-2500	MAINT. REPAIRS.TRAFF.SIG.								
23-01279	1 HIGGI010 HIGGINS & SONS INC., CHARLES A EG ELEM TIMING ON SCHOOL SIGNA		97.50	P	24634 05/09/23	05/09/23	05/10/23	58481	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01280	1 HIGGI010 HIGGINS & SONS INC., CHARLES A TRAFF LIGHT MAINT BOOT&VILLAGE		162.50	P	24634 05/09/23	05/09/23	05/10/23	58475	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01374	1 HIGGI010 HIGGINS & SONS INC., CHARLES A TRAF LGHT MAIN ELLIS &STRABURY		1,577.50	P	24681 05/18/23	05/18/23	05/19/23	58585	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
			<u>1,837.50</u>						
01-434-3610	STREET LIGHTING								
23-01236	1 PECO0020 PECO - 99193-01400	99193-01400 3/22/23-4/20/23	676.32	P	24615 05/03/23	05/03/23	05/03/23	050123	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01376	1 LECL005 LEC - LENNI ELECTRIC CORPORATI APRIL 2023 STREET LED UPGRADES		1,660.17	P	24687 05/18/23	05/18/23	05/19/23	230484	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01432	1 LECL005 LEC - LENNI ELECTRIC CORPORATI STREETLIGHT MAINTENANCE		117.00	P	24714 05/23/23	05/23/23	05/25/23	230513	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
			<u>2,453.49</u>						
01-436-2450	STORMWATER MATERIALS & SUPPLIES								
23-01228	1 MAINL010 MAIN LINE CONCRETE	2.50 YD CONCRETE 4000 PSI	470.00	P	24613 05/03/23	05/03/23	05/03/23	516396-1	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01274	1 EXETE005 EXETER SUPPLY COMPANY INC	36"SPLIT COUPLER FOR DUAL WALL	760.77	P	24632 05/09/23	05/09/23	05/10/23	371542	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01327	1 MAINL010 MAIN LINE CONCRETE	5/8"X10'ROD PIPE&HEAD WALL RPL	108.50	P	24664 05/12/23	05/12/23	05/16/23	518856	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-436-2450	STORMWATER MATERIALS & SUPPLIES	Continued							
23-01365	1 MAINL010 MAIN LINE CONCRETE	3 YD CONCRETE 4000 PSI	716.00	P	24689 05/18/23	05/18/23	05/19/23	519270	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01375	1 MAINL010 MAIN LINE CONCRETE	25YD CONCRETE 4000 PSI BALDWIN	4,625.00	P	24689 05/18/23	05/18/23	05/19/23	518869	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01377	1 KNOXE005 KNOX EQUIPMENT RENTALS INC.	ROLLER 24-33" TRENCH RENTAL	291.50	P	24685 05/18/23	05/18/23	05/19/23	121404.1.2	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01379	1 NEWEN005 NEW ENTERPRISE STONE & LIME IN	96.63 TON STONE, 2A	1,927.75	P	24691 05/18/23	05/18/23	05/19/23	8068937	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01416	1 WEAVE005 WEAVER MULCH LLC	10 YD SCREENED TOPSOIL BALDWIN	305.00	P	24727 05/23/23	05/23/23	05/25/23	589270	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
			9,204.52						
01-436-3000	STORMWATER MGMT.EXPENSE MS4								
23-01289	1 COMMO020 COMMONWEALTH OF PA	MS4 INDIVIDUAL PERMITPAI130520	2,500.00	P	24631 05/09/23	05/09/23	05/10/23	1296509	
01-436-3840	STORMWATER EQUIPMENT RENTAL								
23-01424	1 FOLEY005 FOLEY INC.	HYDRAULIC EXCAVATOR.HAMMER RNT	2,118.00	P	24711 05/23/23	05/23/23	05/25/23	INV0051536	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01431	1 KNOXE005 KNOX EQUIPMENT RENTALS INC.	24-33" TRENCH ROLLER RENTAL	291.50	P	24713 05/23/23	05/23/23	05/25/23	121655.1.2	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
			2,409.50						
01-437-2460	GENERAL EXPENSE - SHOP								
23-01226	1 GEMPL005 GEMPLER'S	RUBBER HOSE, CARHARTT JACKETS	811.92	P	24609 05/03/23	05/03/23	05/03/23	INV0004543407	
23-01249	1 LOWES005 LOWES BUSINESS ACCOUNT/GEFCF	VARIOUS PURCHASES- SEE NOTES	459.86	P	229 05/05/23	05/05/23	05/05/23	041723	
23-01334	1 KEENC005 KEEN COMPRESSED GAS COMPANY	VARIOUS GAS CYLINDERS	85.80	P	24661 05/16/23	05/16/23	05/16/23	83420835	
23-01406	1 HOMED005 HOME DEPOT CREDIT SERVICES	SHOP VAC ATTACHMENTS	46.91	P	235 05/23/23	05/23/23	05/23/23	051223	
			1,404.49						
01-437-2600	SHOP - TOOLS								
23-01369	1 TAYLO005 TAYLOR, BRAD	ALUMINUM PROJECT LIGHT GREEN	103.50	P	24696 05/18/23	05/18/23	05/19/23	040323116687	
01-438-2450	MATERIALS & SUPPLIES-HIGHWAYS								
23-01160	1 BARTL005 BARTLETT TREE EXPERTS	HERRON LN- APPLY BOOST LIQUID	363.00	P	24583 04/28/23	04/28/23	04/28/23		
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							
23-01249	2 LOWES005 LOWES BUSINESS ACCOUNT/GEFCF	VARIOUS PURCHASES- SEE NOTES	177.40	P	229 05/05/23	05/05/23	05/05/23	041723	
	Tracking Id: LIQFUEL	LIQUID FUEL PURCHASES							

Account	Description	Item Description	Amount	Stat/Chk	First Enc	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-438-2450	MATERIALS & SUPPLIES-HIGHWAYS								
	Continued								
23-01312	1 HIGHW005	HIGHWAY MATERIALS INC. 1.08TON 19MM, 0.3<30,B,PG64S	65.34	P	24660	05/11/23	05/11/23	05/16/23 325043	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01436	1 NEWEN005	NEW ENTERPRISE STONE & LIME IN STONE,2A 183.15 TON BALDWIN DR	3,653.85	P	24718	05/23/23	05/23/23	05/25/23 8072318	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
			4,259.59						
01-438-2460	TREE REMOVAL								
23-01214	1 ORNER005	ORNER,TRAVIS REMOVE HAZAR OAK TREE BOOT RD	3,400.00	P	24614	05/03/23	05/03/23	05/03/23 1481	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01215	1 ORNER005	ORNER,TRAVIS HEAVY PRUNE MAPLE TREE TANGLEW	2,400.00	P	24614	05/03/23	05/03/23	05/03/23 1480	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01311	1 ORNER005	ORNER,TRAVIS REMOVE 5 ASH AND OAK TREES	8,000.00	P	24665	05/11/23	05/11/23	05/16/23 1484	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01319	1 AJBAJ005	AJB A.J. BLOSENSKI INC. 30 YD ROLLOFF- WOOD	1,550.00	P	233	05/11/23	05/11/23	05/17/23	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01430	1 WEAVE005	WEAVER MULCH LLC 27 YD YARD WASTE TIPPING FEE	230.00	P	24727	05/23/23	05/23/23	05/25/23 589200	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
			15,580.00						
01-438-3840	EQUIPMENT RENTAL								
23-01222	1 GAPP005	GAP POWER RENTALS PLUS LLC STUMP GRINDER RENTAL 4/25-4/27	662.48	P	24608	05/03/23	05/03/23	05/03/23 1830517	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01222	2 GAPP005	GAP POWER RENTALS PLUS LLC STUMP GRINDER RENTAL 4/25-4/27	6.62	P	24608	05/03/23	05/03/23	05/03/23 1830517	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
			655.86						
01-452-2000	SUMMER PROGRAM SUPPLIES								
23-01420	1 SAFET005	SAFETY SOLUTIONS INC. MEDICAL/FIRST AID SUPPLIES- PW	108.30	P	24723	05/23/23	05/23/23	05/25/23 55927	
23-01428	1 SSWOR005	S&S WORLDWIDE INC SUMMER CAMP CRAFT & SUPPLIES	221.09	P	24725	05/23/23	05/23/23	05/25/23 IN101194120	
23-01429	1 SSWOR005	S&S WORLDWIDE INC SUMMER CAMP SUPPLIES	92.94	P	24725	05/23/23	05/23/23	05/25/23 IN101194517	
			422.33						
01-452-3020	TRIPS								
23-01359	1 KALMA005	KALMAR NYCKEL FOUNDATION 50% DEP 092123 SAILING CHARTER	1,100.00	P	24683	05/17/23	05/17/23	05/19/23 051723- DEP	
23-01360	1 WERTZ005	WERTZ MOTOR COACHES, INC. 092123 TRANSPORTATION FOR TRIP	200.00	P	24699	05/17/23	05/17/23	05/19/23 051523-DEP	
23-01439	1 COACH005	KRAPF'S COACHES TRANSPORT FOR NYC TRIP 051323	2,343.00	P	24707	05/24/23	05/24/23	05/25/23 33721	
			3,643.00						

Account P.O. Id Item Vendor	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-452-3505 23-01153 1 APPLE005	GOLF DAY - APPLEBROOK APPLEBROOK GOLF CLUB	GOLF OUTING- 5/1/23 2 GOLFERS	330.00	P	24581 04/27/23	04/27/23	04/28/23	042723	
01-452-3601 23-01238 1 BIGAI005	MISCELLANEOUS EVENTS BIG AIR CINEMA	MOVIE PROJECTION SYSTEM RENTL	650.00	P	24602 05/03/23	05/03/23	05/03/23	MT-1195	
01-452-3710 23-01461 1 NELSO005	ZUMBA NELSON, PAMELA	ZUMBA INSTR REGIS101922-052423	391.00	P	24717 05/25/23	05/25/23	05/25/23	052423	
01-452-3712 23-01209 1 EVANG005	YOGA EXPENSE EVANGELISTA, CHARO	SPRING 2023 YOGA & ESSENTRICS	3,328.00	P	24607 05/02/23	05/02/23	05/03/23	7099	
01-452-5150 23-01090 1 CHEST100	AMPHITHEATER CONCERTS CHESTER COUNTY CONCERT BAND	BAND PERFORMANCE ON 070623	1,450.00	P	24675 04/21/23	04/21/23	05/19/23	030323	
01-454-3000 23-01249 3 LOWES005	GENERAL EXPENSE LOWES BUSINESS ACCOUNT/GEFC	VARIOUS PURCHASES- SEE NOTES	293.37	P	229 05/05/23	05/05/23	05/05/23	041723	
23-01332 1 COMCA090	COMCAST 8499-10-109-0168581	0168581 5/9/23-6/8/23 PARK RR	189.94	P	24655 05/16/23	05/16/23	05/16/23	050423	
			<u>483.31</u>						
01-454-3100 23-01382 4 ENVIR005	PROFESSIONAL SERVICES ECPC, LLC	PEST CONTROL MAY 2023	40.00	P	24679 05/19/23	05/19/23	05/19/23	23056	
23-01438 1 ARMBR010	ARM BRICKHOUSE	APRIL 2023 WATER SAMPLING	369.21	P	24704 05/24/23	05/24/23	05/25/23	0008866	
			<u>409.21</u>						
01-454-3600 23-00552 1 PECO0030	UTILITIES PECO - 45951-30004	45951-30004 0120-022023 RESTRM	357.95	P	226 02/28/23	02/28/23	04/27/23	022123	
23-01205 1 PECO0025	PECO - 59500-35010	59500-35010 3/24-4/24/23POND P	38.90	P	24616 05/02/23	05/02/23	05/03/23	042523	
23-01248 1 PECO0030	PECO - 45951-30004	45951-30004 3/21-4/19/23RESTRO	197.89	P	230 05/05/23	05/05/23	05/05/23	042023	
23-01254 1 COMCA100	COMCAST 8499 10 109 0170322	0170322 5/1-5/31/23 PARK CAMER	121.10	P	24630 05/09/23	05/09/23	05/10/23	042623	
23-01258 5 PECO0010	PECO - 99193-01302	9919301302 3/27-4/25/23 SUMMAR	208.20	P	24644 05/09/23	05/09/23	05/10/23	050523	
23-01260 1 PECO0035	PECO - 18510-39089	18510-39089 4/3-5/2/23 BOWTREE	71.30	P	24645 05/09/23	05/09/23	05/10/23	050323	
23-01407 1 PECO0030	PECO - 45951-30004	45951-30004 4/19-5/18/23RESTRO	86.02	P	237 05/23/23	05/23/23	05/23/23	051923	
23-01478 1 PECO0025	PECO - 59500-35010	59500-35010 4/24-5/23/23POND P	38.36	P	24730 05/30/23	05/30/23	05/30/23	052423	
			<u>1,119.72</u>						
01-454-3711 23-01296 1 UNLIM005	POND TREATMENT AQUASCAPES UNLIMITED	POND SERVICE ALGAECIDE/HERBICI	1,500.00	P	24650 05/10/23	05/10/23	05/10/23	4591	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-454-3711	POND TREATMENT	Continued							
23-01322	1 UNLIM005 AQUASCAPES UNLIMITED	POND SERVICE-PIN OAK&UPPER BOW	690.00	P	24669	05/12/23	05/12/23	05/16/23	4601
			<u>2,190.00</u>						
01-454-3717	MARYDELL POND REHAB								
23-01261	1 PEC00050 PECO - 02280-03067	02280-03067 3/31-5/1/23 MARYDA	79.22	P	24647	05/09/23	05/09/23	05/10/23	
01-454-3723	BALL FIELDS								
23-01164	1 GRAVE005 DUNRITE SAND & GRAVEL	19.99 TON DELUXE INFIELD MI	479.76	P	24588	04/27/23	04/27/23	04/28/23	49460
23-01216	1 TREEC005 LANGS LAWN CARE & TREE CARE	PREEMERGENT CRABGRASS CTRL& FE	170.00	P	24620	05/03/23	05/03/23	05/03/23	439553
23-01217	1 TREEC005 LANGS LAWN CARE & TREE CARE	PREEMERGENT CRABGRASS CTRL&FER	135.00	P	24620	05/03/23	05/03/23	05/03/23	439551
23-01218	1 TREEC005 LANGS LAWN CARE & TREE CARE	PREEMERGENT CRABGRASS CTRL&FER	209.00	P	24620	05/03/23	05/03/23	05/03/23	439552
			<u>993.76</u>						
01-454-3740	PARK MAINTENANCE & REPAIR								
23-01298	1 PEAR005 PEARSON, ALAN	TROUBLE W/INTERNET FROM COMCST	120.00	P	24643	05/10/23	05/10/23	05/10/23	7113
23-01358	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	POWER TO POLES HIBBERD LANE	157.00	P	24687	05/17/23	05/17/23	05/19/23	230477
			<u>277.00</u>						
01-461-3720	LANDSCAPING								
23-01353	1 WARDL005 WARD LANDSCAPE SERVICES INC.	BLACK GUM TREE&PLNT ARBORVITAE	550.00	P	24698	05/17/23	05/17/23	05/19/23	051023
01-462-2485	BLACKSMITH SUPPLIES								
23-01187	1 KERSC005 KERSCHNER, GARY	REIMBURSE POST VISE BRCKT& PLA	15.00	P	24590	04/28/23	04/28/23	04/28/23	042823
01-462-3100	PROFESSIONAL SERVICES								
23-01382	8 ENVIR005 ECPC, LLC	PEST CONTROL MAY 2023	70.00	P	24679	05/19/23	05/19/23	05/19/23	23056
01-483-5315	PENSION - DC NON-UNIFORM								
23-01191	1 FBO00005 TD AMERITRADE FBO 913-022866	MAY 2023 FBO 913-022866	15,675.00	P	24596	05/01/23	05/01/23	05/01/23	050123
01-486-1560	HEALTH, ACCID. & LIFE								
23-01163	1 DELAW040 DELAWARE VALLEY HEALTH TRUST	MAY 2023 PREMIUM MED & DENTAL	68,741.57	P	24585	04/27/23	04/27/23	04/28/23	24915
23-01400	1 STAND005 STANDARD INSURANCE CO., THE	JUNE 2023 PREMIUM	4,257.60	P	24695	05/19/23	05/19/23	05/19/23	051923
			<u>72,999.17</u>						
01-486-3500	INSURANCE COVERAGE -PREM.								
23-01265	1 TRAVE005 TRAVELERS	FIDUCIARY INS 4/20/23-4/20/24	2,797.00	P	24648	05/09/23	05/09/23	05/10/23	050123

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor								
01-487-1550		DRUG & ALCOHOL TESTING							
23-01207	1 WINNI005	WINNIPESAUKEE DRUG CONSORT. SE DRUG SCREENING MICHAEL HOLMES	80.00	P	24622 05/02/23	05/02/23	05/03/23	22187	
23-01207	2 WINNI005	WINNIPESAUKEE DRUG CONSORT. SE DRUG SCREENING EDWARD KILGORE	80.00	P	24622 05/02/23	05/02/23	05/03/23	22187	
			<u>160.00</u>						
01-487-1910		UNIFORMS							
23-01161	1 CINTA005	CINTAS CORPORATION #287 CLEAN MATS & UNIFORMS WE 042623	733.63	P	24584 04/27/23	04/27/23	04/28/23	4153689014	
23-01173	1 SIDEL005	SIDELINES SPORTSWEAR & PROMOTI POLO, SPORT TECH FLEECES, VEST	529.95	P	24594 04/28/23	04/28/23	04/28/23	10249	
23-01208	1 LANDS020	LANDS' END BUSINESS OUTFITTERS FLC SWTR PULLOVER, LS&SS SHIRT	124.88	P	24611 05/02/23	05/02/23	05/03/23	SIN11155716	
23-01284	1 LANDS020	LANDS' END BUSINESS OUTFITTERS QTR ZIP POLO, JACT, POLO- BOS	238.50	P	24635 05/09/23	05/09/23	05/10/23	SIN11183672	
23-01292	1 CINTA005	CINTAS CORPORATION #287 CLEAN MATS& UNIFORMS WE 050323	733.63	P	24628 05/10/23	05/10/23	05/10/23	4154407082	
23-01293	1 CINTA005	CINTAS CORPORATION #287 CLEAN MATS & UNIFRMS WE 051023	733.63	P	24628 05/10/23	05/10/23	05/10/23	4155089188	
23-01321	1 CINTA005	CINTAS CORPORATION #287 CLEAN MATS& UNIFORMS WE 040523	733.63	P	24653 05/12/23	05/12/23	05/16/23	4151557602	
23-01347	1 LANDS020	LANDS' END BUSINESS OUTFITTERS LS TSHIRT, SWATER FLC JACKET	249.41	P	24686 05/17/23	05/17/23	05/19/23	SIN11192310	
23-01437	2 CINTA005	CINTAS CORPORATION #287 CLEAN MATS& UNIFORMS WE 052423	713.60	P	24706 05/24/23	05/24/23	05/25/23	4156498426	
			<u>4,790.86</u>						
		Fund Total:	613,213.19						
03-409-7400		CAPITAL REPLACEMENT-TWP BLDG							
23-01170	1 LECLE005	LEC - LENNI ELECTRIC CORPORATI LED LIGHTING UPGRADE FOR BLDG	10,767.30	P	1577 04/28/23	04/28/23	04/28/23	230423	
03-430-7400		CAPITAL REPLACEMENT - HWY EQUIP							
23-01361	1 BESTC005	BEST CHOICE TRAILERS, INC. 2023 LAMAR U5832025 TRAILER	7,120.00	P	1579 05/18/23	05/18/23	05/19/23	051723	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
23-01442	1 UNITE010	UNITED RENTALS INC. 20-29HP SELF PROP CONCRETE SAW	9,000.00	P	1581 05/24/23	05/24/23	05/25/23	219845110-001	
		Tracking Id: LIQFUEL LIQUID FUEL PURCHASES							
			<u>16,120.00</u>						
03-454-7450		CAPITAL PURCHASE - PARK & REC							
23-01282	1 KEYST035	KEYSTONE SPORTS CONSTRUCTION 2ND PYMT PICKLEBALL SURFACING	23,252.69	P	1578 05/09/23	05/09/23	05/10/23	2275	
23-01444	1 KEYST035	KEYSTONE SPORTS CONSTRUCTION FINAL PYMT PICKLEBALL SURFACIN	21,666.69	P	1580 05/24/23	05/24/23	05/25/23	2328	
			<u>44,919.38</u>						
		Fund Total:	71,806.68						
05-420-3600		C.C. METERS - UTILITIES							
23-01257	3 PECO0005	PECO - 99193-01204 9919301204 3/27-4/25/23 SUMMAR	5.43	P	5602 05/09/23	05/09/23	05/10/23	050523	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
05-420-3600	C.C. METERS - UTILITIES	Continued							
23-01257	4 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	5.43	P	5602 05/09/23	05/09/23	05/10/23	050523	
			10.86						
05-420-3601	C.C. INTERCEPTOR-UTILITIES								
23-01235	1 MODEM005 VERIZON - 442069312 MODEMS	3/26/23-4/25/2023 MODEMS	140.39	P	5591 05/03/23	05/03/23	05/03/23		
05-420-3602	C.C. COLLECTION -UTILITIES								
23-01158	1 AQUAP015 AQUA PA 05	309826309826 2/23/23-3/22/23TH	23.26	P	5584 04/27/23	04/27/23	04/28/23	032423 TH	
23-01159	1 AQUAP015 AQUA PA 05	309826309826 3/22/23-4/24/23TH	22.15	P	5584 04/27/23	04/27/23	04/28/23	042623 TH	
23-01203	1 COMCA040 COMCAST 8499-10-085-0054593	0054593 4/28-5/27/23 HERSHEY	174.43	P	5590 05/02/23	05/02/23	05/03/23	042323	
23-01257	5 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	5.18	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01257	7 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	283.78	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01257	8 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	12.23	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01414	1 AQUAP015 AQUA PA 05	363541 0357724 4/19-5/18/23 BK	20.46	P	5619 05/23/23	05/23/23	05/25/23	052223 BK	
23-01415	1 AQUAP015 AQUA PA 05	300141 0300141 4/19-5/18/23 GH	20.46	P	5619 05/23/23	05/23/23	05/25/23	052223 GH	
23-01427	1 COMCA045 COMCAST 8499-10-109-0166205	0166205 5/21-6/20/23 THORNCRFT	165.01	P	5621 05/23/23	05/23/23	05/25/23		
23-01469	1 AQUAP015 AQUA PA 05	309826 0309826 4/24-5/23/23 TH	23.26	P	5628 05/26/23	05/26/23	05/30/23	052523 TH	
23-01476	1 COMCA040 COMCAST 8499-10-085-0054593	0054593 5/28-6/27/23 HERSHEY	165.01	P	5631 05/30/23	05/30/23	05/30/23	052323	
			915.23						
05-420-3603	ASHBRIDGE - UTILITIES								
23-01202	1 COMCA035 COMCAST 8499-10-109-0165934	0165934 04/28-5/27/23 ASHBRIDG	174.43	P	5589 05/02/23	05/02/23	05/03/23	042323	
23-01259	1 PECO0040 PECO - 04725-43025	04725-43025 4/3-5/2/23 WYLLPE	395.80	P	5603 05/09/23	05/09/23	05/10/23		
23-01474	1 COMCA035 COMCAST 8499-10-109-0165934	0165934 05/28-6/27/23 ASHBRIDG	165.01	P	5630 05/30/23	05/30/23	05/30/23	052323	
			735.24						
05-420-3604	MILL VAL./BARKWAY UTILITIES								
23-01204	1 COMCA030 COMCAST 8499-10-085-0054585	0054585 4/28-5/27/23 BARKWAY	174.66	P	5588 05/02/23	05/02/23	05/03/23	042323	
23-01257	1 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	156.95	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01475	1 COMCA030 COMCAST 8499-10-085-0054585	0054585 5/28-6/27/23 BARKWAY	165.23	P	5629 05/30/23	05/30/23	05/30/23	052323	
			496.84						
05-420-3701	C.C. INTERCEPT.-MAINT.&REP								
23-01341	1 POSMS005 POSM SOFTWARE	SEWER CAMERA 1YR SUPP CONTRACT	375.00	P	5609 05/16/23	05/16/23	05/16/23	3301	
05-420-3702	C.C. COLLEC.-MAINT.& REPR.								
23-01256	1 YALEE005 YALE ELECTRIC SUPPLY CO	HALO LED REFTOFIT LIGHTS	66.50	P	5604 05/09/23	05/09/23	05/10/23		
23-01273	1 EXETE005 EXETER SUPPLY COMPANY INC	OAKUM 5LB BAGS CASE OF 10	300.69	P	5600 05/09/23	05/09/23	05/10/23	371541	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
05-420-3702	C.C. COLLEC.-MAINT.& REPR.	Continued							
23-01278	1 YALEE005 YALE ELECTRIC SUPPLY CO	(50) 316 SS POWER STUDS	119.70	P	5604 05/09/23	05/09/23	05/10/23	S122767420.001	
23-01367	2 LOCKS005 GREAT VALLEY LOCKSHOP	MASTER # 3 PADLOCK W/ 2" SHACK	73.68	P	5616 05/18/23	05/18/23	05/19/23	CO23000468	
23-01378	1 PIPED005 PIPE DATA VIEW	CLEAN & TELEWISE SANITARY LINES	7,806.32	P	5617 05/18/23	05/18/23	05/19/23	22210	
23-01418	2 SAFET005 SAFETY SOLUTIONS INC.	MEDICAL/FIRST AID SUPPLIES- PW	413.05	P	5626 05/23/23	05/23/23	05/25/23	55925	
23-01431	2 KNOXE005 KNOX EQUIPMENT RENTALS INC.	24-33" TRENCH ROLLER RENTAL	291.50	P	5625 05/23/23	05/23/23	05/25/23	121655.1.2	
23-01434	1 FERRY010 FERRY PLUMBING INC., DAN	BACKFLOW TEST ON WATTS 009M3FP	200.00	P	5623 05/23/23	05/23/23	05/25/23	11094	
			9,271.44						
05-420-3705	ASHBRIDGE-MAINT.&REPR								
23-01382	5 ENVIR005 ECPC, LLC	PEST CONTROL MAY 2023	25.00	P	5614 05/19/23	05/19/23	05/19/23	23056	
05-420-3706	BARKWAY -MAINT.& REPR.								
23-01382	6 ENVIR005 ECPC, LLC	PEST CONTROL MAY 2023	25.00	P	5614 05/19/23	05/19/23	05/19/23	23056	
05-420-3850	C.C. WEST GOSHEN OPER/MAINT								
23-01210	1 WESTG005 WEST GOSHEN TOWNSHIP	OPERATIONS & MGMT QTR 1 2023	217,246.94	P	5596 05/02/23	05/02/23	05/03/23	EG-1-23-O&M	
23-01362	1 WESTG005 WEST GOSHEN TOWNSHIP	OPERATIONS & MGMT 2022 TRUE-UP	5,624.34	P	5618 05/18/23	05/18/23	05/19/23	EG-2022-O&M	
			222,871.28						
05-422-2440	R.C. STP- CHEMICALS								
23-01233	1 UNIVA005 UNIVAR USA INC.	1358 GAL ALMN SULFATE 48%	3,155.50	P	5594 05/03/23	05/03/23	05/03/23	51096939	
23-01313	1 UNIVA005 UNIVAR USA INC.	1420 GALS ALMN SULFATE 48%	3,295.00	P	5610 05/11/23	05/11/23	05/16/23	51137985	
23-01330	1 UNIVA005 UNIVAR USA INC.	216 BAGS SODA ASH LITE	5,517.28	P	5610 05/12/23	05/12/23	05/16/23	51141254	
			11,967.78						
05-422-3600	R.C STP -UTILITIES								
23-01257	2 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	7,956.49	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01340	1 COMCA095 COMCAST 8499 10 109 0169050	0169050 5/8-6/7/23 TOWNE DR	253.30	P	5607 05/16/23	05/16/23	05/16/23	050323	
			8,209.79						
05-422-3601	R.C. COLLEC.-UTILITIES								
23-01156	1 AQUAP015 AQUA PA 05	1087842 2/23/23-3/22/23 TWN	63.87	P	5584 04/27/23	04/27/23	04/28/23	032423 TWN	
23-01157	1 AQUAP015 AQUA PA 05	1087842 03/22/23-4/24/23 TWN	68.86	P	5584 04/27/23	04/27/23	04/28/23	042623 TWN	
23-01257	6 PECO0005 PECO - 99193-01204	9919301204 3/27-4/25/23 SUMMAR	158.18	P	5602 05/09/23	05/09/23	05/10/23	050523	
23-01263	1 FIOS0005 VERIZON - PW FIOS 0001-15	4/28-5/27/23 PW FIOS	79.00	P	5601 05/09/23	05/09/23	05/10/23	042723	
23-01335	1 VERIZ020 VERIZON 652-480-501-00001-24	RCSTP TOWNE DR- FIOS ONLY	61.65	P	5611 05/16/23	05/16/23	05/16/23	050623	
23-01336	1 VERIZ050 VERIZON - 7043	RCSTP TOWNE DR- PHONE ONLY	117.91	P	5612 05/16/23	05/16/23	05/16/23	050623	

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
05-422-3601	R.C. COLLEC.-UTILITIES	Continued							
23-01470	1 AQUAP015 AQUA PA 05	1087842 4/24/23-5/23/23 TWN	68.06	P	5628 05/26/23	05/26/23	05/30/23	052523 TWN	
			617.53						
05-422-3700	R.C. STP-MAINT.& REPAIRS								
23-01162	1 COLON005 COLONIAL ELECTRIC SUPPLY	240 X480 VAC TRANSFORMER	218.00	P	5585 04/27/23	04/27/23	04/28/23	15151926	
23-01167	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	RIDLEY SLUDGE CONVEYOR MOTOR	492.00	P	5586 04/27/23	04/27/23	04/28/23	230429	
23-01168	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	CHANGEOUT OVERFLOW PUMP IN WELL	328.00	P	5586 04/27/23	04/27/23	04/28/23	230430	
23-01169	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	RIDLEY-REMOVE HTRS IN SCR N RM	328.00	P	5586 04/28/23	04/28/23	04/28/23	230431	
23-01224	3 WBMAS005 W.B.MASON CO., INC.	TOILET PAPER AND PAPER TOWLES	94.18	P	5595 05/03/23	05/03/23	05/03/23	237930509	
23-01230	1 PIPEX005 PIPE XPRESS INC.	(2) PVC S40 THREADED PLUG	5.36	P	5592 05/03/23	05/03/23	05/03/23		
23-01249	4 LOWES005 LOWES BUSINESS ACCOUNT/GECF	VARIOUS PURCHASES- SEE NOTES	181.80	P	522 05/05/23	05/05/23	05/05/23	041723	
23-01315	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	(2)TIME DELAY RELAYS EGT STOCK	108.68	P	5608 05/11/23	05/11/23	05/16/23	230465	
23-01316	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	PREVENTATIVE MAINT- ANNUAL INS	5,529.61	P	5608 05/11/23	05/11/23	05/16/23	230468	
23-01317	1 ACEDI005 ACE DISPOSAL CORPORATION	STAND BY TIME 042723 RIDLEY CR	312.50	P	5605 05/11/23	05/11/23	05/16/23	191501	
23-01352	1 HACHC005 HACH COMPANY	PHOSPHORUS&AMMONIA TNT, TEST ST	2,493.46	P	5615 05/17/23	05/17/23	05/19/23	13575739	
23-01382	7 ENVIR005 ECPC, LLC	PEST CONTROL MAY 2023	140.00	P	5614 05/19/23	05/19/23	05/19/23	23056	
23-01418	1 SAFET005 SAFETY SOLUTIONS INC.	MEDICAL/FIRST AID SUPPLIES- PW	413.05	P	5626 05/23/23	05/23/23	05/25/23	55925	
23-01421	2 KAPPE005 KAPPE ASSOCIATES	RC- INFLUENT FLOW METER CALIBR	300.00	P	5624 05/23/23	05/23/23	05/25/23	23-345-M	
23-01421	3 KAPPE005 KAPPE ASSOCIATES	TWP BLDG-INSTL FLOWLNK 5 SOFTW	450.00	P	5624 05/23/23	05/23/23	05/25/23	23-345-M	
23-01422	3 ENVIR005 ECPC, LLC	YELLOW JACKETS 2022	98.34	P	5622 05/23/23	05/23/23	05/25/23	19956	
23-01464	1 SHENB005 SHENBERGER PLASTERING INC., CH	REPAIR DAMAGED EIFS ON BLDG	980.00	P	5627 05/25/23	05/25/23	05/25/23	2891	
			12,472.98						
05-422-3701	R.C. COLLEC.-MAINT.& REPR								
23-01171	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	HUNT COUNTRY-PREVENTATIVE MAIN	410.00	P	5586 04/28/23	04/28/23	04/28/23	230425	
23-01268	1 ACEDI005 ACE DISPOSAL CORPORATION	STAND BY TIME APRIL 2023 THORN	162.50	P	5597 05/09/23	05/09/23	05/10/23	191509	
23-01273	2 EXETE005 EXETER SUPPLY COMPANY INC	OAKUM 5LB BAGS CASE OF 10	300.69	P	5600 05/09/23	05/09/23	05/10/23	371541	
23-01314	1 LECLE005 LEC - LENNI ELECTRIC CORPORATI	PROVIDE APC BATTERY CARTRIDGE	738.32	P	5608 05/11/23	05/11/23	05/16/23	230464	
23-01341	2 POSMS005 POSM SOFTWARE	SEWER CAMERA 1YR SUPP CONTRACT	375.00	P	5609 05/16/23	05/16/23	05/16/23	3301	
23-01367	3 LOCKS005 GREAT VALLEY LOCKSHOP	MASTER # 3 PADLOCK W/ 2" SHACK	73.68	P	5616 05/18/23	05/18/23	05/19/23	CO23000468	
23-01421	1 KAPPE005 KAPPE ASSOCIATES	RC-INSTL FLOWLINK 5 SOFTWARE	600.00	P	5624 05/23/23	05/23/23	05/25/23	23-345-M	
23-01435	1 FERRY010 FERRY PLUMBING INC., DAN	BACKFLOW TEST ON WATTS	200.00	P	5623 05/23/23	05/23/23	05/25/23	11093	
			2,860.19						
05-422-4500	R.C. STP-CONTRACTED SERV.								
23-01195	1 SUBUR010 SUBURBAN TESTING LABS INC.	LABTESTING RCSTP APRIL 2023	1,908.00	P	5593 05/01/23	05/01/23	05/03/23	P3001007	

Account	Description		Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
P.O. Id	Item Vendor	Item Description							
05-422-4500		R.C. STP-CONTRACTED SERV.							
		Continued							
23-01239	1 BIGFI005	BIG FISH ENVIRONMENTAL SERVICE SERVICES RE: RCSTP- APRIL 2023	17,764.27	P	521 05/03/23	05/03/23	05/05/23		
			19,672.27						
05-422-4502		R.C. SLUDGE-LAND CHESTER							
23-01196	1 BLOSE005	BLOSENSKI DISPOSAL CO, CHARLES SWITCH 20 YD W/ LINER 042423	259.00	P	5587 05/01/23	05/01/23	05/03/23	186859	
23-01243	2 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 4/1/2023- 4/7/2023	774.54	P	520 05/05/23	05/05/23	05/05/23	66923	
23-01252	1 BLOSE005	BLOSENSKI DISPOSAL CO, CHARLES SWITCH 20 YD W/ LINER 050123	259.00	P	5598 05/09/23	05/09/23	05/10/23		
23-01305	2 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/08/2023- 04/15/2023	854.88	P	523 05/11/23	05/11/23	05/11/23	66996	
23-01324	1 BLOSE005	BLOSENSKI DISPOSAL CO, CHARLES SWITCH 20 YD W/ LINER 050823	259.00	P	5606 05/12/23	05/12/23	05/16/23	186935	
23-01345	2 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/17/2023- 4/22/2023	592.02	P	524 05/17/23	05/17/23	05/17/23	67071	
23-01346	2 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/24/2023- 04/28/2023	744.90	P	524 05/17/23	05/17/23	05/17/23	67146	
23-01380	1 BLOSE005	BLOSENSKI DISPOSAL CO, CHARLES SWITCH 20 YD W/ LINER 051523	259.00	P	5613 05/18/23	05/18/23	05/19/23	186954	
23-01405	2 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 05/01/2023- 05/05/2023	812.76	P	525 05/22/23	05/22/23	05/22/23	67216	
23-01466	1 BLOSE005	BLOSENSKI DISPOSAL CO, CHARLES SWITCH 20 YD W/ LINER 052223	259.00	P	5620 05/25/23	05/25/23	05/25/23	186980	
			5,074.10						
		Fund Total:	295,740.92						
06-427-4500		CONTRACTED SERV.							
23-01242	1 AJBAJ005	AJB A.J. BLOSENSKI INC. RESIDENTIAL PICKUP MAY 2023	80,993.08	P	620 05/05/23	05/05/23	05/05/23	1240236w360	
06-427-4502		LANDFILL FEES							
23-01243	1 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 4/1/2023- 4/7/2023	7,251.38	P	621 05/05/23	05/05/23	05/05/23	66923	
23-01305	1 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/08/2023- 04/15/2023	8,206.51	P	622 05/11/23	05/11/23	05/11/23	66996	
23-01345	1 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/17/2023- 4/22/2023	6,219.34	P	623 05/17/23	05/17/23	05/17/23	67071	
23-01346	1 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 04/24/2023- 04/28/2023	6,594.30	P	623 05/17/23	05/17/23	05/17/23	67146	
23-01405	1 CCSOL005	C.C. SOLID WASTE AUTHORITY WEEK 05/01/2023- 05/05/2023	6,064.83	P	624 05/22/23	05/22/23	05/22/23	67216	
			34,336.36						
06-427-4504		RECYCLING FEES							
23-01283	1 TOTAL010	TOTAL RECYCLE INC. RECYCLING FEES APRIL 2023	4,341.23	P	863 05/09/23	05/09/23	05/10/23	14081	
		Fund Total:	119,670.67						
07-424-3110		MUNIC.AUTH.-AUDITING							
23-01270	1 MAILL005	MAILLIE FALCONIERO & CO. PROGRESS BILLING AUDIT EGT MJA	707.00	P	3417 05/09/23	05/09/23	05/10/23	94627	

Account P.O. Id	Item Vendor	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
07-424-3130		ENGINEERING SERVICES								
23-01302	1 PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 041623 2023 GEN SERV	3,663.25	P	3420 05/10/23	05/10/23	05/10/23	1167570	
23-01303	1 PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 041623 2022 CHAPT 94	1,377.25	P	3420 05/10/23	05/10/23	05/10/23	1167571	
				5,040.50						
07-424-3140		LEGAL SERVICES								
23-01304	1 HALST005	GAWTHROP GREENWOOD & HALSTED	LEGAL SERV APRIL 2023 GEN AUTH	587.00	P	3419 05/10/23	05/10/23	05/10/23		
07-429-1520		RCSTP - CAUSTIC SODA								
23-01175	1 YALEE005	YALE ELECTRIC SUPPLY CO	GALV RED CAP, COMM SWITCH,	81.17	P	3412 04/28/23	04/28/23	04/28/23	s122968500.001	
23-01176	1 YALEE005	YALE ELECTRIC SUPPLY CO	EMT HW STRAP,MACH SCREW ANCHOR	233.47	P	3412 04/28/23	04/28/23	04/28/23	s122957398.002	
23-01177	1 YALEE005	YALE ELECTRIC SUPPLY CO	BLINE SS CHANNEL SLOTTED HOLES	374.17	P	3412 04/28/23	04/28/23	04/28/23	s122957398.001	
23-01212	1 YALEE005	YALE ELECTRIC SUPPLY CO	OUTLET BOX, SS SWITCH,HW STRAP	481.70	P	3415 05/03/23	05/03/23	05/03/23		
23-01219	1 YALEE005	YALE ELECTRIC SUPPLY CO	(30) BLINE EMT-HW STRAP	83.82	P	3415 05/03/23	05/03/23	05/03/23	s123009459.001	
23-01225	1 EXETE005	EXETER SUPPLY COMPANY INC	PVC BELL END PIPE, PVC COUPLNG	2,574.00	P	3413 05/03/23	05/03/23	05/03/23	371531	
23-01227	1 MAINL010	MAIN LINE CONCRETE	10 YD CONCRETE 4500 PSI	1,930.00	P	3414 05/03/23	05/03/23	05/03/23	515921	
23-01275	1 EXETE005	EXETER SUPPLY COMPANY INC	CORP BALL STOP, SERVICE SADDLE	905.59	P	3416 05/09/23	05/09/23	05/10/23	371543	
23-01276	1 EXETE005	EXETER SUPPLY COMPANY INC	SCH 40 2" PIPE, 2" COUPLING	1,030.64	P	3416 05/09/23	05/09/23	05/10/23	371544	
23-01295	1 YALEE005	YALE ELECTRIC SUPPLY CO	TAYMAC GRY METAL INUSE COVER	17.35	P	3418 05/10/23	05/10/23	05/10/23	s123058116.001	
				7,711.91						
07-429-6100		WEST GOSHEN CAPITAL								
23-01363	1 WESTG015	WEST GOSHEN SEWER AUTHORITY	2022 WG SEWER AUTH BOND FUND E	19,143.34	P	3421 05/18/23	05/18/23	05/19/23	EG22-B	
23-01364	1 WESTG015	WEST GOSHEN SEWER AUTHORITY	2022 WG SEWER AUTH TAPPING FEE	47,756.64	P	3421 05/18/23	05/18/23	05/19/23	EG22-T	
				66,899.98						
Fund Total:				80,946.39						
08-454-6010		MILLTOWN DAM ENGINEERING								
23-01348	1 GANNE005	GANNETT FLEMING INC.	PROF SERV 1/28-5/5/23 MILLTOWN	1,700.00	P	1105 05/17/23	05/17/23	05/19/23	22560	
		Tracking Id: MILLTOWN MILLTOWN DAM								
08-454-6050		HERSHEY'S MILL ENGINEERING								
23-01349	1 GANNE005	GANNETT FLEMING INC.	PROF SERV 1/28-5/5/23 HM DAM	842.85	P	1105 05/17/23	05/17/23	05/19/23	22559	
		Tracking Id: HM DAM Hershey's Mill Dam								
Fund Total:				2,542.85						

Account	Description	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	chk/Void Date	Invoice	PO Type
19-409-6050	HERSHEY MILL SEWER PROJECT								
23-01206	1 JOAOB005 JOAO & BRADLEY CONSTRUCTION	HM ESTATE SANUTARY SEWER PYMT2	264,050.68	P	20 05/02/23	05/02/23	05/03/23	042823	
	Tracking Id: HM SEWER Hershey's Mill Sewer Project								
23-01211	1 SAUDE005 SAUDER'S NURSERY	HONEYSUCLE, PIERIS, BOXWOOD	381.60	P	23 05/03/23	05/03/23	05/03/23	12237	
	Tracking Id: HM SEWER Hershey's Mill Sewer Project								
23-01221	1 KNOXE005 KNOX EQUIPMENT RENTALS INC.	TOWABLE STRAW MULCHER RENTAL	127.05	P	21 05/03/23	05/03/23	05/03/23	120447.1.2	
	Tracking Id: HM SEWER Hershey's Mill Sewer Project								
23-01231	1 ORNER005 ORNER,TRAVIS	REMOVE 3TREES TANGLEWOOD SEWER	5,500.00	P	22 05/03/23	05/03/23	05/03/23	1478	
	Tracking Id: HM SEWER Hershey's Mill Sewer Project								
23-01255	1 WEAVE005 WEAVER MULCH LLC	6 YD SCREENED TOPSOIL	183.00	P	25 05/09/23	05/09/23	05/10/23	585057	
23-01271	1 FISHE005 FISHER & SON COMPANY INC	(4)BGS BUILDERS MIX/THROW&GROW	420.00	P	24 05/09/23	05/09/23	05/10/23	256718-IN	
23-01301	1 PENNO005 PENNONI ASSOCIATES INC.	SERV THRU 041623 HM ESTATES SE	2,926.75	P	26 05/10/23	05/10/23	05/10/23	1167569	
	Tracking Id: HM SEWER Hershey's Mill Sewer Project								
23-01353	2 WARDL005 WARD LANDSCAPE SERVICES INC.	BLACK GUM TREE&PLNT ARBORVITAE	3,360.00	P	27 05/17/23	05/17/23	05/19/23	051023	
			276,949.08						
	Fund Total:		276,949.08						
Total Charged Lines: 379 Total List Amount: 1,460,869.78			Total Void Amount:	0.00					

Totals by Year-Fund						
Fund Description	Fund	Expend Total	DEBT SERVICE	CREDIT CARDS	ACH	TOTAL
GENERAL FUND	3-01	613,213.19	1,389.98	14,619.24	570.51	629,792.92
CAPITAL RESERVE FUND	3-03	71,806.68			115.00	71,921.68
SEWER FUND	3-05	295,740.92	20,656.39		933.72	317,331.03
REFUSE FUND	3-06	119,670.67			876.22	120,546.89
MUNICIPAL AUTHORITY	3-07	80,946.39	MA EXCLUDED FROM BOS APPROVAL			
BOND FUND	3-08	2,542.85				2,542.85
ARPA FUND	3-19	276,949.08				276,949.08
Total of All Funds:		<u>1,460,869.78</u> - 80,946.39 MA	22,046.37	14,619.24	2,495.45	1,419,084.45

MEMO

Date: May 30, 2023
From: Derek Davis, Township Manager
To: Board of Supervisors
Re: Stormwater Ordinance Change

Late last year and earlier this year, we had discussed the need to update our current stormwater ordinance to reflect state and county mandates that have been implemented. Unfortunately, with our solicitor change, this was an item that I put to the side for a few months as our new solicitor was getting acclimated with the various issues we were dealing with here in East Goshen.

On August 17, 2022, the Chester County Board of Commissioners adopted Resolution 55-22 to amend the County-wide Act 167 Stormwater Management Plan for Chester County, PA to replace the 2013 model ordinance with the 2022 County-wide Act 167 Stormwater Management Model Ordinance. This updated ordinance incorporates PA DEP's comments from their review of the Model Ordinance to improve consistency with their state-wide 2022 Stormwater Management Model Ordinance.

To reiterate what we had been discussing, many changes are mandated by the county and state but we do need the board's input on several items. Most notably the 4 below:

- § 195-6 – Setting a square footage for exemptions from regulated activity (currently at a VERY low 10 square feet) proposed in the current version to move to 1000 Sq. ft.
- § 195-22 – Optional section regarding riparian buffers. Our engineering firm is recommending against having this in the final draft as they feel that riparian buffer requirements are adequately addressed in § 195-15.
- § 195-42 – O&M Agreements and long-term responsibility of post construction BMPs.
- The future of the township's *Stormwater Appeals Board*. Currently, we have this appeal board in place for any property owner that does not agree with a stormwater determination. This is not the "norm" as Bill Christman and I cannot find another local municipality that has such a board. In the model ordinance, responsibility of hearing an appeal lies with the Board of Supervisors. We are recommending that the board considers this change in process.

At the meeting this was discussed, there actually was a motion to advertise the agreed upon changes which essentially followed the recommendation of our engineer, solicitor, and our Director of Code Enforcement, which we can briefly go over tonight. If everyone is still OK with the proposed changes, we can bring the final version to you on June 20th for a vote.

The following Code does not display images or complicated formatting. Codes should be viewed online.
This tool is only meant for editing.

Chapter 195

Stormwater Management

[HISTORY: Adopted by the Board of Supervisors of the Township of East Goshen 11-19-2013 by Ord. No. 129-F-2013. Amendments noted where applicable.]

GENERAL REFERENCES

Building construction — See Ch. 100.

Erosion and sediment control — See Ch. 131.

Sewers — See Ch. 188.

Subdivision and land development — See Ch. 205.

Zoning — See Ch. 240.

Article I

General Provisions

§ 195-1 Short title.

This chapter shall be known as the "East Goshen Township Stormwater Management Ordinance."

§ 195-2 Statement of findings.

The governing body of the municipality finds that:

- A. Inadequate management of accelerated stormwater runoff resulting from land disturbance and development throughout a watershed increases flooding, flows and velocities, contributes to erosion and sedimentation, overtaxes the capacity of streams and storm sewers, greatly increases the cost of public facilities to convey and manage stormwater, undermines floodplain management and flood reduction efforts in upstream and downstream communities, reduces infiltration and groundwater recharge, increases nonpoint source pollution to waterways, and threatens public health and safety.
- B. Inadequate planning and management of stormwater runoff resulting from land disturbance and development throughout a watershed can harm surface water resources by changing the natural hydrologic patterns, accelerating stream flows (which increase scour and erosion of streambeds and stream banks, thereby elevating sedimentation), destroying aquatic habitat, and elevating aquatic pollutant concentrations and loadings such as sediments, nutrients, heavy metals, and pathogens. Groundwater resources are also impacted through loss of recharge.
- C. A comprehensive program of stormwater management, including minimization of impacts of new development, redevelopment, and other earth disturbance activities causing accelerated runoff and erosion and loss of natural infiltration, is fundamental to the public health, safety, and general welfare of the people of the municipality and all of the people of the commonwealth, their resources, and the environment.
- D. Stormwater is an important water resource that provides infiltration and groundwater recharge for water supplies and base flow of streams, which also protects and maintains surface water quality.
- E. Impacts from stormwater runoff can be minimized by reducing the volume of stormwater generated and by using project designs that maintain the natural hydrologic regime and sustain high water quality, infiltration, stream base flow, and aquatic ecosystems. Cost-effective and environmentally

sensitive stormwater management can be achieved through the use of nonstructural site design techniques that minimize impervious surfaces, reduce disturbance of land and natural resources, avoid sensitive areas (i.e., riparian buffers, floodplains, steep slopes, wetlands, etc.), and consider topography and soils to maintain the natural hydrologic regime.

- F. Public education on the control of pollution from stormwater is an essential component in successfully addressing stormwater.
- G. Federal and state regulations require the municipality to implement a program of stormwater controls. The municipality is required to obtain a permit and comply with its provisions for stormwater discharges from its separate storm sewer system under the National Pollutant Discharge Elimination System (NPDES).
- H. Nonstormwater discharges to municipal or other storm sewer systems can contribute to pollution of the waters of the commonwealth.
- I. The use of green infrastructure, low impact development (LID), and Conservation Design (CD) are intended to address the root cause of water quality impairment by using systems and practices which use or mimic natural processes to: 1) infiltrate and recharge, 2) evapotranspire, and/or 3) harvest and use precipitation near where it falls to earth. Green infrastructure practices, LID, and CD contribute to the restoration or maintenance of pre-development hydrology.

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§ 195-3 Purpose.

The purpose of this chapter is to protect public health, safety and general welfare, property and water quality by implementing drainage and stormwater management practices, criteria, and provisions included herein for land development, construction and earth disturbance activities, to achieve the following throughout the municipality:

- A. Reduce the frequency and magnitude of flooding and stormwater impacts affecting people, property, infrastructure and public services.
- B. Sustain or improve the natural hydrologic characteristics and water quality of groundwater and surface waters.
- C. Protect natural resources, including riparian and aquatic living resources and habitats.
- D. Maintain the natural hydrologic regime of land development sites and their receiving watersheds.
- E. Minimize land disturbance and protect and incorporate natural hydrologic features, drainage patterns, infiltration, and flow conditions within land development site designs.
- F. Reduce and minimize the volume of stormwater generated, and manage and release stormwater as close to the source of runoff as possible.
- G. Provide infiltration and maintain natural groundwater recharge to protect groundwater supplies and stream base flows, to prevent degradation of surface water and groundwater quality, and to otherwise protect water resources.
- H. Reduce stormwater pollutant loads to protect and improve the chemical, physical, and biological quality of ground and surface waters.
- I. Reduce scour, erosion and sedimentation of stream channels.
- J. Reduce flooding impacts and preserve and restore the natural flood-carrying capacity of streams and their floodplains.

- K. Protect adjacent and downgradient lands from adverse impacts of direct stormwater discharges.
- L. Minimize impervious surfaces and connected impervious surfaces to promote infiltration and reduce the volume and impacts of stormwater runoff.
- M. Provide proper long-term operation and maintenance of all permanent stormwater management facilities, BMPs and conveyances that are implemented within the municipality.
- N. Reduce the impacts of runoff from existing developed land undergoing redevelopment while encouraging new development and redevelopment in urban areas and areas designated for growth.
- O. Implement an illicit discharge detection and elimination program that addresses nonstormwater discharges.
- P. Provide stormwater management performance standards and design criteria ~~based on a watershed-based stormwater management planning basis.~~
- Q. Provide standards to meet certain NPDES stormwater permit requirements.
- R. Meet legal water quality requirements under state law, including regulations at 25 Pa. Code Chapter 93, to protect, maintain, reclaim and restore the existing and designated uses of the waters of the commonwealth.
- S. Implement the requirements of total maximum daily load (TMDL) where applicable to waters within or impacted by the municipality.
- T. Provide review procedures and performance standards for stormwater planning and management.
- U. Fulfill the purpose and requirements of PA Act 167 (PA Act 167, Section 3):
 - "(1) Encourage planning and management of stormwater runoff in each watershed which is consistent with sound water and land use practices.
 - (2) Authorize a comprehensive program of stormwater management designated to preserve and restore the flood-carrying capacity of commonwealth streams; to preserve to the maximum extent practicable natural stormwater runoff regimes and natural course, current and cross section of water of the commonwealth; and to protect and conserve groundwaters and groundwater recharge areas.
 - (3) Encourage local administration and management of stormwater consistent with the commonwealth's duty as trustee of natural resources and the people's constitutional right to the preservation of natural, economic, scenic, aesthetic, recreational and historic values of the environment."

§ 195-4 Statutory authority.

The municipality is empowered or required to regulate land use activities that affect runoff and surface water and groundwater quality and quantity by the authority of:

- A. The Act of October 4, 1978, P.L. 864 (Act 167), 32 P.S. § 680.1 et seq., as amended, the Storm Water Management Act (hereinafter referred to as "the Act");
- B. The Second Class Township Code, 53 P.S. § 65101, et seq.;
- C. The Act of July 31, 1968, P.L. 805, No. 247, 53 P.S. § 10101 et seq., as amended, the Pennsylvania Municipalities Planning Code, Act 247 (hereinafter referred to as the "MPC").

§ 195-5 **Applicability.**

A. The following activities are regulated by this chapter:

- (1) All regulated activities as defined in this chapter, including, but not limited to, new development, redevelopment, and earth disturbance activities that are located within the municipality shall be subject to regulation by this chapter.
- (2) When a building and/or grading permit is required for any regulated activity on an existing parcel or approved lot created by a subdivision and/or improved as a land development project, issuance of the permit shall be conditioned upon adherence to the terms of this chapter.
- (3) This chapter contains the stormwater management performance standards and design criteria that are necessary from a watershed-based perspective. The municipality's stormwater management conveyance and system design criteria (e.g., inlet spacing, inlet type, collection system design and details, outlet structure design, etc.) shall continue to be regulated by Chapter 205 of the Code of East Goshen Township, titled "Subdivision and Land Development."
- (4) The provisions of Article VIII of this chapter, titled "Prohibitions," are applicable to all properties located in East Goshen Township.

B. Duty of persons engaged in a regulated activity. Notwithstanding any provision(s) of this chapter, including exemptions, any landowner or any person engaged in a regulated activity, including but not limited to the alteration or development of land, which may affect stormwater runoff characteristics, shall implement such measures as are reasonably necessary to prevent injury to health, safety, or other property. Such measures also shall include actions as are required to manage the rate, volume, direction, and quality of resulting stormwater runoff in a manner which otherwise adequately protects health, property, and water quality of waters of the commonwealth.

C. Phased and incremental project requirements.

- (1) Any regulated activity (including but not limited to new development, redevelopment, or earth disturbance) that is to take place incrementally or in phases, or occurs in sequential projects on the same parcel or property, shall be subject to regulation by this chapter if the ~~cumulative~~ ~~proposed~~ ~~regulated~~ impervious surface or earth disturbance exceeds the corresponding threshold for exemption (as presented in Table 195-6.1, Thresholds for Regulated Activities Exempt from Chapter Provisions).
- (2) October 21, 2003 (the date of adoption of the previous East Goshen Stormwater Management Ordinance, Ordinance No. 129-M-03), shall be the starting point from which to consider tracts as parent tracts relative to future subdivisions and from which impervious surface and earth disturbance computations shall be cumulatively considered.
- (3) For example, if, after October 21, 2003, an applicant proposes construction of a six-hundred-square-foot garage, that project would be exempted from the requirements of this chapter as noted in Table 195-6.1. If, at a later date, an applicant proposes to construct a nine-hundred-square-foot room addition on the same property, the applicant would then be required to implement the stormwater management and plan submission requirements of this chapter for the cumulative total of 1,500 square feet of additional impervious surface added to the property since October 21, 2003.

§ 195-6 **Exemptions; small-project requirements.**

A. Requirements for exempt activities.

- (1) An exemption from any requirement of this chapter shall not relieve the applicant from implementing all other applicable requirements of this chapter or from implementing such measures as are necessary to protect public health, safety, and welfare, property and water quality.
- (2) An exemption shall not relieve the applicant from complying with the requirements for state-designated special-protection waters designated by PADEP as high quality (HQ) or exceptional

value (EV) waters or any other current or future state or municipal water quality protection requirements.

- (3) An exemption under this chapter shall not relieve the applicant from complying with all other applicable municipal ordinances or regulations.
- B. General exemptions. Regulated activities that 1) involve less than ~~1,000~~500 square feet of ~~Regulated~~proposed impervious surfaces ~~AND~~and less than 5,000 square feet of earth disturbance, ~~except that for regulated activities that propose to add between 10 square feet and up to 500 square feet of proposed impervious surface, the applicant shall infiltrate the first one inch of runoff from proposed impervious surface,~~ or 2) are listed in Subsection C, are exempt from those (and only those) requirements of this chapter that are included in the sections and articles listed in Table 195-6.1. Exemptions are for the items noted in Table 195-6.1 only and shall not relieve the landowner from other applicable requirements of this chapter. Exemption shall not relieve the applicant from implementing such measures as are necessary to protect health, safety, and welfare, property, and water quality.

Table 195-6.1

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Table 195-6.1			
Thresholds for Regulated Activities Exempt from Chapter Provisions			
Chapter Article/Section	Activities Listed in § 195-6C	<500 Square Feet of Regulated Proposed Impervious Surfaces and <5,000 Square Feet of Proposed Earth Disturbance	≥500 Square Feet of Regulated Proposed Impervious Surfaces or ≥5,000 Square Feet of Proposed Earth Disturbance
Article I	Not exempt	Not exempt	Not exempt
Article II	Not exempt	Not exempt	Not exempt
Sections 195-16, 195-17, and 195-25	Not exempt	Not exempt	Not exempt
Sections 195-15, 195-18, 195-19, 195-20, 195-21, 195-22, 195-23, and 195-24	Exempt	Exempt	Not exempt
Article IV	Exempt	Exempt	Not exempt
Article V	Exempt	Exempt	Not exempt
Article VI	Exempt	Exempt	Not exempt
Article VII	Exempt	Exempt	Not exempt
Article VIII	Not exempt	Not exempt	Not exempt

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Table 195-6.1			
Thresholds for Regulated Activities Exempt from Chapter Provisions			
Chapter Article/Section	Activities Listed in § 195-6C	<500 Square Feet of Regulated Proposed Impervious Surfaces and <5,000 Square Feet of Proposed Earth Disturbance	≥500 Square Feet of Regulated Proposed Impervious Surfaces or ≥5,000 Square Feet of Proposed Earth Disturbance
Article IX	Not exempt	Not exempt	Not exempt
Other erosion, sediment and pollution control requirements	Must comply with Title 25, Chapter 102, of the Pa. Code and other applicable state and municipal codes, including the Clean Streams Law		
NOTES:			
		• Specific activities listed in Subsection C are exempt from the indicated requirements, regardless of size.	
		• A proposed regulated activity must be less than both the Regulated proposed impervious sSurfaces and proposed earth disturbance thresholds to be eligible for exemption from the requirements listed in this table.	
		• " Regulated Proposed iImpervious sSurface": as defined in this chapter.	
		• "Exempt": Regulated activities are exempt from the requirements of listed section(s) only; all other provisions of this chapter apply. <u>These exemptions have no bearing on other municipal regulations or ordinances.</u>	

- C. Exemptions for specific activities. The following specific regulated activities are exempt from the requirements of Sections 195-15, 195-18, 195-19, 195-20, 195-21, 195-22, 195-23, and 195-24 and Article IV, Article V, Article VI and Article VII of this chapter (as shown in Table 195-6.1), unless otherwise noted below. All other conveyance and system design standards established by the municipality in other codes or ordinances shall be required, and all other provisions of this chapter shall apply.
- (1) Emergency exemption. Emergency maintenance work performed for the protection of public health, safety and welfare. This exemption is limited to repair of the existing Stormwater Management fFacility; upgrades, additions or other improvements are not exempt. A written description of the scope and extent of any emergency work performed shall be submitted to the municipality within two calendar days of the commencement of the activity. A detailed plan shall be submitted no later than 30 days following commencement of the activity. If the municipality finds that the work is not an emergency, then the work shall cease immediately, and the requirements of this chapter shall be addressed as applicable.
 - (2) Maintenance. Any maintenance to an existing Sstormwater mManagement system, fFacility, BMP or conveyance made in accordance with plans and specifications approved by the Municipal Engineer or municipality.
 - (3) Existing landscaping. Use of land for maintenance, replacement or enhancement of existing landscaping.

- (4) Gardening. Use of land for gardening for home consumption.
 - (5) Agricultural related activities.
 - (a) Agricultural activities (as defined in Article II).
 - (b) Conservation practices (as defined in Article II) that do not involve construction of any new or expanded impervious surfaces.
 - (c) High tunnels (as defined in § 195-14), if: **[Added 10-1-2019 by Ord. No. 129-E-2019]**
 - [1] The high tunnel or its flooring does not result in an impervious area exceeding 25% of all structures located on the owner's total contiguous land area; and
 - [2] The high tunnel meets one of the following:
 - [a] The high tunnel is located at least 100 feet from any perennial stream or watercourse, public road or neighboring property line;
 - [b] The high tunnel is located at least 35 feet from any perennial stream or watercourse, public road, or neighboring property line and located on land with a slope not greater than 7%; or
 - [c] The high tunnel is supported with a buffer or diversion system that does not directly drain into a stream or other watercourse by managing stormwater runoff in a manner consistent with the requirements of this chapter.
 - (6) Forest management. Forest management operations, which are consistent with a sound forest management plan as filed with the municipality and which comply with the Pennsylvania Department of Environmental Protection's management practices contained in its publication "Soil Erosion and Sedimentation Control Guidelines for Forestry" (as amended or replaced by subsequent guidance). Such operations are required to have an erosion and sedimentation control plan which meets the requirements of 25 Pa. Code Chapter 102 and meets the erosion and sediment control standards of § 195-17 of this chapter.
 - (7) Maintenance of existing gravel and paved surfaces. Replacement of existing gravel and paved surfaces shall meet the erosion and sediment control requirements of 25 Pa. Code Chapter 102 and § 195-17 of this chapter and is exempt from all other requirements of this chapter listed in Subsection C above. Resurfacing of existing gravel and paved surfaces is exempt from the requirements of this chapter listed above. Paving of existing gravel surfaces is exempt from the requirements of this chapter listed above. Construction of new or additional impervious surfaces shall comply with all requirements of this chapter as indicated in Table 195-6.1.
 - (8) Municipal roadway shoulder improvements. Shoulder improvements conducted within the existing roadway cross section of municipal owned roadways, unless an NPDES permit is required, in which case the proposed work must comply with all requirements of this chapter.
 - (9) In-place replacement of residential dwelling unit. The replacement in the exact footprint of an existing one- or two-family dwelling unit.
 - (10) In-place replacement, repair, or maintenance of residential impervious surfaces. The replacement of existing residential patios, decks, driveways, pools, garages, and/or sidewalks that are accessory to an existing one- or two-family dwelling unit in the exact footprint of the existing impervious surface.
- D. Small-project requirements.
- (1) Regulated activities that involve 500 square feet of Regulated proposed-impervious surfaces or less and 2,000 square feet of proposed earth disturbance or less may apply the modified requirements

presented in the "Simplified Approach to Stormwater Management for Small Projects" (Simplified Approach) (Appendix A) to comply with the requirements of §§ 195-15, 195-18, 195-19, 195-20, 195-21, 195-22, 195-23, and 195-24 and Article IV, Article V, Article VI and Article VII of this chapter (as shown in Table 195-6.2).

- (2) The applicant shall first contact the municipality to confirm that the proposed project is eligible for use of the Simplified Approach and is not otherwise exempt from these chapter provisions; to determine what components of the proposed project are to be considered as impervious surfaces; and to determine if other known site or local conditions exist that may preclude the use of any techniques included in the Simplified Approach.
- (3) Appendix A includes instructions and procedures for preparation, submittal, review and approval of documents required when using the Simplified Approach and shall be adhered to by the applicant. [Infiltration testing for projects using the Simplified Approach is recommended but is not required by this chapter.](#) All other provisions of this chapter shall apply.

Table 195-6.2	
Thresholds for Regulated Activities Eligible for Small Project Requirements for Listed Chapter Provisions	
Chapter Article/Section	Activities Listed in § 195-6D
Article I	All provisions apply
Article II	All provisions apply
Sections 195-16, 195-17, and 195-25	All provisions apply
Sections 195-15, 195-18, 195-19, 195-20, 195-21, 195-22, 195-23, and 195-24	Exempt if small project requirements of § 195-6D are applied
Article IV	Exempt if modified requirements of § 195-6D are applied
Article V	Exempt if modified requirements of § 195-6D are applied
Article VI	Exempt if modified requirements of § 195-6D are applied
Article VII	Exempt if modified requirements of § 195-6D are applied
Article VIII	All provisions apply
Article IX	All provisions apply
Other erosion, sediment and pollution control requirements	Must comply with Title 25, Chapter 102, of the Pa. Code and other applicable state and municipal codes, including the Clean Streams Law

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Table 195-6.2	
Thresholds for Regulated Activities Eligible for Small Project Requirements for Listed Chapter Provisions	
Chapter Article/Section	Activities Listed in § 195-6D
NOTES:	
•	"Small project requirements": Regulated activities listed within the subsections of this chapter noted in Table 195-6.2 are eligible for exemption only from the indicated sections and subsections of this chapter and only if the modified requirements of § 195-6D are met to the satisfaction of the municipality; all other provisions of this chapter apply.

§ 195-7 Repealer.

The East Goshen Township Stormwater Management Ordinance which was adopted by the Board of Supervisors on October 21, 2003, as Ordinance No. 129-M-03 is repealed and replaced with this chapter. Any other ordinance or ordinance provision of the municipality inconsistent with any of the provisions of this chapter is hereby repealed to the extent of the inconsistency only.

§ 195-8 Severability.

If any sentence, clause, section or part of this chapter is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this chapter. It is hereby declared the intent of the governing body of the municipality that this chapter would have been adopted had such unconstitutional, illegal or invalid provision, sentence, clause, section or part thereof not been included herein.

§ 195-9 Compatibility with other ordinances or legal requirements.

- A. Approvals issued and actions taken pursuant to this chapter do not relieve the applicant of the responsibility to secure and comply with other required permits or approvals for activities regulated by any other applicable code, rule, act, law, regulation, or ordinance.
- B. To the extent that this chapter imposes more rigorous or stringent requirements for stormwater management than any other code, rule, act, law, regulation or ordinance, the specific requirements contained in this chapter shall take precedence.
- C. Nothing in this chapter shall be construed to affect any of the municipality's requirements regarding stormwater matters that do not conflict with the provisions of this chapter, such as local stormwater management design criteria (e.g., inlet spacing, inlet type, collection system design and details, outlet structure design, etc.).
- D. The requirements of this chapter shall supersede any conflicting requirements in other municipal ordinances or regulations.

§ 195-10 Financial security.

For all activities requiring submittal of a stormwater management (SWM) site plan that involve subdivision or land development, the applicant shall post financial security with the municipality for the timely installation and proper construction of all stormwater management facilities as required by the approved SWM site plan and this chapter, and such financial security shall:

- A. Be equal to or greater than the full construction cost of the required facilities except to the extent that financial security for the cost of any of such improvements is required to be and is posted with the Pennsylvania Department of Transportation in connection with a highway occupancy permit

application; and

- B. Be determined, collected, applied and enforced in accordance with Sections 509 to 511 of the MPC and the provisions of the municipality's Subdivision and Land Development Ordinance (SALDO).

§ 195-11 Waivers.

- A. General. The requirements of this chapter are essential and shall be strictly adhered to. For any regulated activity where, after a close evaluation of alternative site designs, it proves to be impracticable to meet any one or more of the mandatory minimum standards of this chapter on the site, the municipality may approve measures other than those in this chapter, subject to Subsections B and C.
- B. The governing body shall have the authority to waive or modify the requirements of one or more provisions of this chapter if the literal enforcement will exact undue hardship because of peculiar conditions pertaining to the land in question, provided that such modification will not be contrary to the public interest and that the purpose and intent of the chapter is observed. Cost or financial burden shall not be considered a hardship. Modification may also be considered if an alternative standard or approach can be demonstrated to provide equal or better achievement of the results intended by the chapter. A request for modification shall be in writing and accompany the SWM site plan submission. The request shall state in full the grounds and facts on which the request is based, the provision or provisions of the chapter involved and the minimum modification necessary.
- C. PADEP approval required. ~~For any proposed regulated activity involving earth disturbance equal to or greater than one acre, the municipality may approve measures for minimum volume and infiltration control other than those required in this chapter only after consultation with and evaluation by PADEP that the alternate site design meets state water quality requirements and does not conflict with state law, including, but not limited to, the Pennsylvania Clean Streams Law, 35 P.S. § 691.1 et seq. No waiver or modification of any regulated stormwater activity involving Earth Disturbance greater than or equal to one (1) acre may be granted by the Municipality unless that action is approved in advance by PADEP or the Chester County Conservation District.~~

§ 195-12 Erroneous permit.

Any permit or authorization issued or approved based on false, misleading or erroneous information provided by an applicant is void without the necessity of any proceedings for revocation. Any work undertaken or use established pursuant to such permit or other authorization is unlawful. No action may be taken by a board, agency, or employee of the Municipality purporting to validate such a violation.

**Article II
Definitions**

§ 195-13 Interpretation.

For the purposes of this chapter, certain terms and words used herein shall be interpreted as follows:

- A. Words used in the present tense include the future tense; the singular number includes the plural, and the plural number includes the singular; words of masculine gender include feminine gender, and words of feminine gender include masculine gender.
- B. The words "includes" or "including" shall not limit the term to the specific example but is intended to extend its meaning to all other instances of like kind and character.
- C. The word "person" includes an individual, partnership, public or private association or corporation, firm, trust, estate, municipality, governmental unit, public utility or any other legal entity whatsoever which is recognized by law as the subject of rights and duties. Whenever used in any section prescribing or imposing a penalty, the term "person" shall include the members of a partnership, the officers, members, servants and agents of an association, officers, agents and servants of a corporation, and the officers of a municipality.

- D. The words "shall" and "must" are mandatory; the words "may" and "should" are permissive.
- E. The words "used" or "occupied" include the words "intended, designed, maintained, or arranged to be used, occupied, or maintained."
- F. The definitions in this chapter are for the purposes of enforcing the provisions of this chapter and have no bearing on other municipal regulations or ordinances.

§ 195-14 Definitions.

As used in this chapter, the following terms shall have the meanings indicated:

AGRICULTURAL ACTIVITY

Activities associated with agriculture such as agricultural cultivation, agricultural operation, and animal heavy use areas. This includes the work of producing crops, including tillage, plowing, disking, harrowing, planting or harvesting crops, or the pasturing and raising of livestock, and installation of conservation measures. Construction of new buildings or impervious area is not considered an agricultural activity.

APPLICANT

A landowner, developer, or other person who has filed an application to the municipality for approval to engage in any regulated activity as defined in this chapter.

AS-BUILT PLANS (DRAWINGS)

Engineering or site plans or drawings that document the actual locations, dimensions and elevations of the improvements, and building components, and changes made to the original design plans. The final version of these documents, or a copy of same, are signed and sealed by a qualified licensed professional and submitted to the municipality at the completion of the project, as per the requirements of § 195-33 of this chapter, as "final as-built plans."

BANKFULL

The channel at the top-of-bank or point from where water begins to overflow onto a floodplain.

BASE FLOW

Portion of stream discharge derived from groundwater; the sustained discharge that does not result from direct runoff or from water diversions, reservoir releases, piped discharges, or other human activities.

BMP (BEST MANAGEMENT PRACTICE)

Activities, facilities, designs, measures, or procedures used to manage stormwater impacts from regulated activities, to provide water quality treatment, infiltration, volume reduction, and/or peak rate control, to promote groundwater recharge, and to otherwise meet the purposes of this chapter. Stormwater BMPs are commonly grouped into one of two broad categories or measures: "structural" or "nonstructural." In this chapter, nonstructural BMPs or measures ~~include certain~~ refer to operational and/or behavior-related practices low impact development and conservation design practices used to that attempt to minimize the contact of pollutants with stormwater runoff. These practices aim to limit the total volume of stormwater runoff and manage stormwater at its source by techniques such as protecting natural systems and incorporating existing landscape features. Nonstructural BMPs include, but are not limited to, the protection of sensitive and special value features such as wetlands and riparian areas, the preservation of open space while clustering and concentrating development, the reduction of impervious cover, and the disconnection of rooftops from storm sewers. ~~whereas s~~ Structural BMPs or measures are those that consist of a physical system that is designed or engineered ~~device or practice that is installed to~~ capture and treat stormwater runoff. Structural BMPs include, but are not limited to, a wide variety of practices and devices from large-scale retention ponds and constructed wetlands to small-scale underground treatment systems, infiltration facilities, filter strips, ~~low impact design,~~ bioretention, wet ponds, permeable paving, grassed swales, riparian ~~or forested~~ buffers, sand filters, detention basins, and manufactured devices. Structural and nonstructural stormwater BMPs are permanent appurtenances

to the site. [\[See also Stormwater Management Facility and Stormwater Control Measure \(SCM\)\].](#)

BUFFER

See "riparian buffer."

CARBONATE GEOLOGY or CARBONATE ROCK FORMATIONS

See "karst."

CFS

Cubic feet per second.

CHANNEL

A natural or artificial open drainage feature that conveys, continuously or periodically, flowing water and through which stormwater flows. Channels include, but shall not be limited to, natural and man-made drainageways, swales, streams, ditches, canals, and pipes flowing partly full.

CN

Curve number.

COMMONWEALTH

The Commonwealth of Pennsylvania.

CONSERVATION DISTRICT

The Chester County Conservation District.

CONSERVATION DESIGN

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A series of holistic land development design goals that maximize protection of key land and environmental resources, preserve significant concentrations of open space and greenways, evaluate, and maintain site hydrology, and ensure flexibility on development design to meet community needs for complimentary and aesthetically pleasing development. Conservation design encompasses the following objectives: conservation/enhancement of natural resources, wildlife habitat, biodiversity corridors, and greenways (interconnected open space); minimization of environmental impact resulting from change in land use (minimum disturbance, minimum maintenance); maintenance of a balanced water budget by making use of site characteristics and infiltration; incorporation of unique natural, scenic and historic site features into configuration of the development; preservation of the integral characteristics of the site as viewed from adjoining roads; and reduction in maintenance required for stormwater management practices. Such objectives can be met on site through an integrated development process that respects natural site conditions and attempts, to the maximum extent possible, to replicate or improve the natural hydrology of a site.

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CONSERVATION PLAN

A plan written by a planner certified by NRCS that identifies conservation practices and includes site-specific BMPs for agricultural plowing or tilling activities and animal heavy-use areas.

CONSERVATION PRACTICES

Practices installed on agricultural lands to improve farmland, soil and/or water quality which have been identified in a current conservation plan.

CONVEYANCE

A natural or man-made, existing or proposed [Stormwater Management Facility](#), feature or channel used for the transportation or transmission of stormwater from one place to another. For the purposes of this chapter, "conveyance" shall include pipes, drainage ditches, channels and swales (vegetated and other), gutters, stream channels, and like facilities or features.

DESIGN STORM

The magnitude and temporal distribution of precipitation from a storm event measured in probability of occurrence (e.g., a five-year storm) and duration (e.g., 24 hours), used in the design and evaluation of stormwater management systems. Also see "return period."

DETENTION BASIN

An impoundment designed to collect and retard stormwater runoff by temporarily storing the runoff and releasing it at a predetermined rate. Detention basins are designed to drain completely shortly after any given rainfall event.

DETENTION or TO DETAIN

Capture and temporary storage of runoff in a **S**stormwater **M**management **F**facility for release at a controlled rate.

DETENTION VOLUME

The volume of runoff that is captured and released into the waters of the commonwealth at a controlled rate.

DEVELOPER

A person, company, or organization who seeks to undertake any regulated activities at a site in the municipality.

DIAMETER AT BREAST HEIGHT (DBH)

The outside bark diameter of a tree at breast height which is defined as 4.5 feet 1.37 meter above the forest floor on the uphill side of the tree.

DISTURBED AREA

Land area disturbed by or where an earth disturbance activity is occurring or has occurred.

DRAINAGE AREA

That land area contributing runoff to a single point (including but not limited to the point/line of interest used for hydrologic and hydraulic calculations) and that is enclosed by a natural or man-made ridgeline.

EARTH DISTURBANCE or EARTH DISTURBANCE ACTIVITY

A construction or other human activity which disturbs the surface of the land, including, but not limited to, clearing and grubbing; grading; excavations; embankments; road maintenance; land development; building construction; and the moving, depositing, stockpiling, or storing of soil, rock, or earth materials.

EASEMENT

A right of use granted by a landowner to allow a grantee the use of the designated portion of land for a specified purpose, such as for stormwater management or other drainage purposes.

EROSION

The process by which the surface of the land, including water/stream channels, is worn away by water, wind, or chemical action.

EROSION AND SEDIMENT (E&S) CONTROL PLAN

A plan required by the Conservation District or the municipality to minimize accelerated erosion and sedimentation and that must be prepared and approved per the applicable requirements.

EVAPOTRANSPIRATION (ET)

The combined processes of evaporation from the water or soil surface and transpiration of water by plants.

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FEMA

The Federal Emergency Management Agency.

FLOOD

A temporary condition of partial or complete inundation of land areas from the overflow of streams, rivers, and other waters of this commonwealth.

FLOODPLAIN

Any land area susceptible to inundation by water from any natural source or delineated by applicable FEMA maps and studies as being a special flood hazard area.

FLOODWAY

The channel of the watercourse and those portions of the adjoining floodplains that are reasonably required to carry and discharge the one-hundred-year flood ([also called the base flood or one percent \(1%\) annual chance flood](#)). Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area where no FEMA maps or studies have defined the boundary of the ~~one-hundred-year~~ floodway, it is assumed, absent evidence to the contrary, that the floodway extends from the center line of the stream and to 50 feet beyond the top of the bank of the stream on both sides.

FOREST MANAGEMENT/TIMBER OPERATIONS

Planning and activities necessary for the management of forestlands. These include timber inventory, preparation of forest management plans, silvicultural treatment, cutting budgets, logging road design and construction, timber harvesting, site preparation, and reforestation.

FREEBOARD

A vertical distance between the design high-water elevation and the elevation of the top of a dam, levee, tank, basin, swale, or diversion berm. The space is required as a safety margin in a pond or basin.

GEOTEXTILE

A fabric manufactured from synthetic fiber that is used to achieve specific objectives, including infiltration, separation between different types of media (i.e., between soil and stone), or filtration.

GOVERNING BODY

The Board of Supervisors of East Goshen Township.

GRADE/GRADING

- A. (noun) A slope, usually of a road, channel, or natural ground, specified in percent and shown on plans as specified herein.
- B. (verb) To finish the surface of a roadbed, the top of an embankment, or the bottom of an excavation.

GREEN INFRASTRUCTURE

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Systems and practices that use or mimic natural processes to infiltrate, evapotranspire, or reuse stormwater on the site where it is generated.

GROUNDWATER

Water that occurs in the subsurface and fills or saturates the porous openings, fractures and fissures of underground soils and rock units.

GROUNDWATER RECHARGE

The replenishment of existing natural groundwater supplies from infiltration of rain or overland flow.

HEC-HMS

The U.S. Army Corps of Engineers, Hydrologic Engineering Center (HEC) - Hydrologic Modeling System (HMS).

HEC-1

The U.S. Army Corps of Engineers, Hydrologic Engineering Center (HEC) hydrologic runoff model.

HIGH TUNNEL

A structure which meets the following:

[Added 10-1-2019 by Ord. No. 129-E-2019]

- A. Is used for the production, processing, keeping, storing, sale or shelter of an agricultural commodity as defined in Section 2 of the Act of December 19, 1974 (P.L. 973, No. 319), known as the "Pennsylvania Farmland and Forest Land Assessment Act of 1974," or for the storage of agricultural equipment or supplies; and
- B. Is constructed with all the following:
 - (1) Has a metal, wood or plastic frame;
 - (2) When covered, has a plastic, woven textile or other flexible covering; and
 - (3) Has a floor made of soil, crushed stone, matting, pavers or a floating concrete slab.

HOTSPOTS

Areas where prior or existing land use or activities can potentially generate highly contaminated runoff with concentrations of pollutants in excess of those typically found in stormwater.

HYDROLOGIC REGIME

The hydrologic system, cycle or balance that sustains the quality and quantity of stormwater, stream base flow, storage, and groundwater supplies under natural conditions.

HYDROLOGIC SOIL GROUP (HSG)

A classification of soils by the Natural Resources Conservation Service (NRCS) into four runoff potential groups. The groups range from A soils, which are very permeable and produce little runoff, to D soils, which are not very permeable and produce much more runoff.

IMPERVIOUS SURFACE

A surface that has been compacted or covered with a layer of material so that it prevents or is resistant to infiltration of water, including but not limited to structures such as roofs, buildings, storage sheds; other solid, paved or concrete areas such as streets, driveways, sidewalks, parking lots, patios, decks, tennis or other paved courts; or athletic playfields comprised of synthetic turf materials. For the purposes of determining compliance with this chapter, compacted soils or stone surfaces used for vehicle parking and movement shall be considered impervious. Uncompacted gravel areas with no vehicular traffic, such as gardens, walkways, or patio areas, shall be considered pervious per review by the Municipal Engineer. Surfaces that were designed to allow infiltration (i.e., pavers and areas of porous pavement) ~~will are not to~~ be considered impervious surface if designed to function as a BMP per review on a case-by-case basis by the Municipal Engineer, based on appropriate documentation and condition of the material, etc. Additionally, for the purpose of determining compliance with this chapter, the total horizontal projection area of all ground-mounted and free-standing solar collectors, including solar photovoltaic cells, panels, and arrays, shall be considered pervious so long as the designs note that natural vegetative cover will be preserved and/or restored underneath the solar photovoltaic cells, panels, and arrays, and the area disturbed is planned as a vegetated pervious surface.

INFILTRATION

Movement of surface water into the soil, where it is absorbed by plant roots, evaporated into the

atmosphere, or percolated downward to recharge groundwater.

INFILTRATION FACILITY

A stormwater BMP designed to collect and discharge runoff into the subsurface in a manner that allows infiltration into underlying soils and groundwater (e.g., french drains, seepage pits, or seepage trenches, etc.).

INTERMITTENT STREAM

A defined channel in which surface water is absent during a portion of the year, in response to seasonal variations in precipitation or groundwater discharge.

INVERT

The lowest surface, the floor or bottom of a culvert, pipe, drain, sewer, channel, basin, BMP, or orifice.

KARST

A type of topography that is formed over limestone or other carbonate rock formations by dissolving or solution of the rock by water and that is characterized by closed depressions, sinkholes, caves, a subsurface network of solution conduits and fissures through which groundwater moves, and no perennial surface drainage features.

LAND DEVELOPMENT

Any of the following activities:

- A. The improvement of one lot or two or more contiguous lots, tracts, or parcels of land for any purpose involving:
 - (1) A group of two or more residential or nonresidential buildings, whether proposed initially or cumulatively, or a single nonresidential building on a lot or lots regardless of the number of occupants or tenure; or
 - (2) The division or allocation of land or space, whether initially or cumulatively, between or among two or more existing or prospective occupants by means of, or for the purpose of, streets, common areas, leaseholds, condominiums, building groups, or other features.
- B. A subdivision of land.
- C. Development in accordance with Section 503(1.1) of the Pennsylvania Municipalities Planning Code (as amended).

LANDOWNER

The legal or beneficial owner or owners of land, including the holder of an option or contract to purchase (whether or not such option or contract is subject to any condition), a lessee if he or she is authorized under the lease to exercise the rights of the landowner, or other person having a proprietary interest in the land.

LICENSED PROFESSIONAL

A Pennsylvania registered professional engineer, registered landscape architect, registered professional land surveyor, or registered professional geologist, or any person licensed by the Pennsylvania Department of State and qualified by law to perform the work required by the chapter within the Commonwealth of Pennsylvania.

LIMITING ZONE

A soil horizon or condition in the soil profile or underlying strata that includes one of the following:

- A. A seasonal high water table, whether perched or regional, determined by direct observation of the water table or indicated by other subsurface or soil conditions.

- B. A rock with open joints, fracture or solution channels, or masses of loose rock fragments, including gravel, with insufficient fine soil to fill the voids between the fragments.
- C. A rock formation, other stratum, or soil condition that is so slowly permeable that it effectively limits downward passage of water.

LOW IMPACT DESIGN (LID)

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Site design approaches and small-scale stormwater management practices that promote the use of natural systems for infiltration, evapotranspiration, and reuse of rainwater. LID can be applied to new development, urban retrofits, and revitalization projects. LID utilizes design techniques that infiltrate, filter, provide evapotranspiration and store runoff close to its source. Rather than rely on costly large-scale conveyance and treatment systems, LID addresses stormwater through a variety of small, cost-effective landscape features located on-site.

MPC

The Act of July 31, 1968, P.L. 805, No. 247, 53 P.S. § 10101 et seq., as amended, the Pennsylvania Municipalities Planning Code, Act 247.

MFEMP

Mushroom farm environmental management plan.

MS4

Municipal separate storm sewer system.

MAINTENANCE

The action taken to restore or preserve the as-built functional design of any [Stormwater Management](#) facility or system.

MUNICIPAL ENGINEER

A professional engineer licensed as such in the Commonwealth of Pennsylvania, duly appointed as the engineer for a municipality, planning agency, or joint planning commission.

MUNICIPALITY

East Goshen Township, Chester County, Pennsylvania.

NOAA

The National Oceanic and Atmospheric Administration.

NEW DEVELOPMENT

Any regulated activity involving placement or construction of new impervious surface or grading over existing pervious land areas not classified as redevelopment as defined in this chapter.

NONPOINT SOURCE POLLUTION

Pollution that enters a water body from diffuse origins in the watershed and does not result from discernible, confined, or discrete conveyances.

NONSTORMWATER DISCHARGES

Water flowing in stormwater collection facilities, such as pipes or swales, which is not the result of a rainfall event or snowmelt.

NONSTRUCTURAL BEST MANAGEMENT PRACTICE (BMP)

See "(BMP) best management practice."

NPDES

National Pollutant Discharge Elimination System, the federal government's system for issuance of permits under the Clean Water Act, which is delegated to PADEP in Pennsylvania.

NRCS

The Natural Resources Conservation Service (previously the Soil Conservation Service, SCS), an agency of the U.S. Department of Agriculture.

PADEP

The Pennsylvania Department of Environmental Protection.

PARENT TRACT

The parcel of land from which a land development or subdivision originates, determined from the date of municipal adoption of this chapter.

PEAK DISCHARGE

The maximum rate of stormwater runoff from a specific storm event.

PENNDOT

The Pennsylvania Department of Transportation.

PENNSYLVANIA STORMWATER BEST MANAGEMENT PRACTICES MANUAL (PADEP BMP Manual)

Document No. 363-0300-002 (December 2006, and as subsequently amended).

PERVIOUS SURFACE or PERVIOUS AREA

Any area not defined as impervious surface.

PLANNING COMMISSION

The Planning Commission of East Goshen Township.

POINT SOURCE

Any discernible, confined, and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, or conduit from which stormwater is or may be discharged, as defined in state regulations at 25 Pa. Code § 92.1.

POSTCONSTRUCTION

Period after construction during which disturbed areas are stabilized, stormwater controls are in place and functioning, and all proposed improvements approved by the municipality are completed.

PREDEVELOPMENT

Groundland cover conditions assumed to exist within the proposed disturbed area prior to commencement of the regulated activity for the purpose of calculating the predevelopment water quality volume, infiltration volume, and peak flow rates as required in this chapter.

PRETREATMENT

Techniques employed in stormwater BMPs to provide storage or filtering, or other methods to trap or remove coarse materials and other pollutants before they enter the stormwater system, but may not necessarily be designed to meet the entire water quality volume requirements of this chapter.

PROPOSED IMPERVIOUS SURFACE

All new, additional and replacement impervious surfaces.

RAINFALL INTENSITY

The depth of accumulated rainfall per unit of time.

RECHARGE

The replenishment of groundwater through the infiltration of rainfall, other surface waters, or land application of water or treated wastewater.

REDEVELOPMENT

Any regulated activity that involves demolition, removal, reconstruction, or replacement of existing impervious surface(s).

REGULATED ACTIVITY

Any earth disturbance activity(ies) or any activity that involves the alteration or development of land in a manner that may affect stormwater runoff.

REGULATED EARTH DISTURBANCE ACTIVITY

Any activity involving earth disturbance subject to regulation under 25 Pa. Code Chapter 92.a, Chapter 102, or the Clean Streams Law.

REGULATED IMPERVIOUS SURFACE

Proposed impervious surface as part of a current proposed activity and all existing impervious surfaces installed after October 22, 2003 as part of previous activity.

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RETENTION BASIN

An impoundment that is designed to temporarily detain a certain amount of stormwater from a catchment area and which may be designed to permanently retain stormwater runoff from the catchment area; retention basins always contain water.

RETENTION or TO RETAIN

The prevention of direct discharge of stormwater runoff into surface waters or water bodies during or after a storm event by permanent containment in a pond or depression; examples include systems which discharge by percolation to groundwater, exfiltration, and/or evaporation processes and which generally have residence times of less than three days.

RETENTION VOLUME/REMOVED RUNOFF

The volume of runoff that is captured and not released directly into the surface waters of the commonwealth during or after a storm event.

RETURN PERIOD

The average interval, in years, within which a storm event of a given magnitude can be expected to occur one time. For example, the twenty-five-year-return-period rainfall would be expected to occur on average once every 25 years, or stated in another way, the probability of a twenty-five-year storm occurring in any one year is 0.04 (i.e., a four-percent chance).

RIPARIAN

Pertaining to anything connected with or immediately adjacent to the banks of a stream or other body of water.

RIPARIAN BUFFER

An area of land adjacent to a body of water and managed to maintain vegetation to protect the integrity of stream channels and shorelines, to reduce the impact of upland sources of pollution by trapping, filtering, and converting sediments, nutrients, and other chemicals, and to supply food, cover and thermal protection to fish and other aquatic species and wildlife.

RUNOFF

Any part of precipitation that flows over the land surface.

SALDO

See "Subdivision and Land Development Ordinance."

SCS

The Soil Conservation Service, now known as the Natural Resources Conservation Service.

SEDIMENT

Soil or other materials transported by, suspended in or deposited by surface water as a product of erosion.

SEPARATE STORM SEWER SYSTEM

A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) primarily used for collecting and conveying stormwater runoff.

SHEET FLOW

A flow process associated with broad, shallow water movement on sloping ground surfaces that is not channelized or concentrated.

SITE

Total area of land in the municipality where any proposed regulated activity, as defined in this chapter, is planned, conducted, or maintained or that is otherwise impacted by the regulated activity.

SOIL COVER COMPLEX METHOD

A method of runoff computation developed by NRCS that is based on relating soil type and land use/cover to a runoff parameter called "curve number" (CN).

STATE WATER QUALITY REQUIREMENTS

The regulatory requirements to protect, maintain, reclaim, and restore water quality under Pennsylvania Code Title 25 and the Clean Streams Law.

STORM FREQUENCY

See "return period."

STORMWATER

Drainage runoff from the surface of the land resulting from precipitation or snow or ice melt.

STORMWATER CONTROL MEASURE

Physical features used to effectively control, minimize, and treat stormwater runoff. [See Best Management Practice (BMP)].

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STORMWATER MANAGEMENT FACILITY

Any feature, natural or man-made, that, due to its condition, design, or construction, conveys, stores, or otherwise affects stormwater runoff quality, rate, or quantity. including Best Management Practices and Stormwater Control Measures. Typical stormwater management facilities include, but are not limited to, detention and retention basins, open channels, storm sewers, pipes, and infiltration facilities.

STORMWATER MANAGEMENT (SWM) SITE PLAN

The plan prepared by the applicant or its representative, in accordance with the requirements of Article IV of this chapter, indicating how stormwater runoff will be managed at a particular site in accordance with this chapter, and including all necessary design drawings, calculations, supporting text, and documentation to demonstrate that ordinance requirements have been met, herein referred to as "SWM site plan." All references in this chapter to "final" or "approved" SWM site plans shall incorporate the approved SWM site plan and all subsequent approved revisions thereto.

STREAM

A natural watercourse.

STRUCTURAL STORMWATER BEST MANAGEMENT PRACTICES

See "BMP (best management practice)."

SUBDIVISION

The division or redivision of a lot, tract, or parcel of land as defined in the Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247, as amended.

SUBDIVISION AND LAND DEVELOPMENT ORDINANCE

The Subdivision and Land Development Ordinance of East Goshen Township, Chester County, Pennsylvania, as amended.

SWALE

An artificial or natural waterway or low-lying stretch of land that gathers and conveys stormwater or runoff and is generally vegetated for soil stabilization, stormwater pollutant removal, and infiltration.

SWM SITE PLAN

See "stormwater management (SWM) site plan."

TIMBER OPERATIONS

See "forest management/timber operations."

TOP-OF-BANK

Highest point of elevation of the bank of a stream or channel cross section at which a rising water level just begins to flow out of the channel and into the floodplain.

TOWNSHIP

East Goshen Township, Chester County, Pennsylvania.

USDA

United States Department of Agriculture.

WATERCOURSE

A channel or conveyance of surface water having a defined bed and banks, whether natural or artificial, with perennial or intermittent flow.

WATERSHED

Region or area drained by a river, watercourse, or other body of water, whether natural or artificial.

WATERS OF THE COMMONWEALTH

Any and all rivers, streams, creeks, rivulets, impoundments, ditches, watercourses, storm sewers, lakes, dammed water, wetlands, ponds, springs, and all other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of the commonwealth.

WATER TABLE

The uppermost level of saturation of pore space or fractures by groundwater. "Seasonal ~~High-~~ ~~Water table~~" refers to a water table that rises and falls with the seasons due either to natural or man-made causes.

WETLAND

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

WOODS

Any land area of at least 0.25 acre with a natural or naturalized ground cover (excluding manicured turf grass) and that has an average density of two or more viable trees per 1,500 square feet with a DBH of six inches or greater. The land area to be considered woods shall be measured from the outer

driplines of the outer trees.

Article III Stormwater Management Standards

§ 195-15 General requirements.

- A. Applicants proposing regulated activities in the municipality which are not exempt under § 195-6 shall submit a stormwater management site plan (SWM site plan) to the municipality for review and approval in accordance with Articles III and IV. SWM site plans approved by the municipality shall be on site throughout the duration of the regulated activity.
- B. The stormwater management and runoff control criteria and standards in this chapter shall apply to the total proposed regulated activity, even if it is to take place in stages. The measurement of impervious surfaces shall include all of the impervious surfaces in the total proposed regulated activity even if the development is to take place in stages.
- C. No regulated activity within the municipality shall commence until:
 - (1) The municipality issues approval of a SWM site plan, which demonstrates compliance with the requirements of this chapter; and
 - (2) The applicant has received a letter of adequacy or approval for the erosion and sediment control plan review by the municipality and the Conservation District (if required) and has received all other local, state and federal permit approvals required for the project involving the regulated activity.
- D. Neither submission of an SWM site plan under the provisions herein nor compliance with the provisions of this chapter shall relieve any person from responsibility for damage to any person or property otherwise imposed by law.
- E. The applicant shall design the site to minimize disturbances to land, site hydrology, and natural resources and to maintain the natural hydrologic regime, drainage patterns and flow conditions. The applicant shall apply the procedures set forth in § 195-18 for the overall site design and for selection, location and design of features and BMPs to be used to comply with the requirements of this chapter.
- F. To the maximum extent practicable, postconstruction stormwater shall be discharged within the drainage area of the same stream or water body receiving the runoff prior to construction of the proposed regulated activity.
- G. ~~Persons proposing to construct regulated activities with one acre or more of proposed earth disturbance that do not discharge directly to waters of the commonwealth shall provide the municipality with a copy of the easement authorizing such discharge or confirmation from PADEP that an easement is not required.~~ Existing drainage peak rate discharges up to and including the one hundred (100)-year storm and the volume of runoff up to and including the two (2)-year storm onto or through adjacent property(ies) or downgradient property(ies), including diffuse drainage discharge, shall not be altered in any manner by Regulated Activities under this Ordinance without written permission from, and, where applicable as determined by the Municipality, an easement and agreement with the affected Landowner(s) for conveyance of discharges onto or through their property(ies). Altered stormwater discharges shall be subject to any applicable discharge criteria specified in this Ordinance.
- H. Areas located outside of the site (i.e., areas outside of the regulated activity) that drain through a proposed site are not subject to water quality and volume control, infiltration, stream channel protection, or peak flow rate control requirements (as presented in §§ 195-19, 195-20, 195-21 and 195-22). Drainage facilities located on the site shall be designed to safely convey flows from outside of the site through the site.
- I. If site conditions preclude capture of runoff from limited portions of the disturbed area for achieving water quality volume control standards, stream channel protection standards, and the two-year, five-

year, and ten-year storm event peak runoff rate reduction standards for new development required by this chapter, the applicant shall propose alternate methods to mitigate the bypass of the BMPs, subject to the approval of the Municipal Engineer. In no case shall resulting peak rate be greater than the predevelopment peak rate for the equivalent design storm.

- J. For all regulated activities, erosion and sediment control BMPs shall be designed, implemented, operated, and maintained during the regulated activities (i.e., during construction) as required to meet the purposes and requirements of this chapter, to meet the erosion and sediment control requirements of the municipality, if applicable, and to meet all requirements under Title 25 of the Pennsylvania Code and the Clean Streams Law.
- K. For all regulated activities, permanent BMPs and conveyances shall be designed, implemented, operated, and maintained to meet the purposes and requirements of this chapter and to meet all requirements under Title 25 of the Pennsylvania Code, the Clean Streams Law, and the Storm Water Management Act.
- L. The design of all BMPs and conveyances shall incorporate sound engineering principles and practices in a manner that does not aggravate existing stormwater problems as identified by the municipality. The municipality reserves the right to disapprove any design that would result in construction in an area affected by existing stormwater problem(s) or continuation of an existing stormwater problem(s).
- M. Existing wetlands, either on the site or on an adjacent property, shall not be used to meet the minimum design requirements for stormwater management or stormwater runoff quality treatment. Stormwater discharges to existing wetlands shall not degrade the quality or hydrologic integrity of the wetland.
- N. Hotspot runoff controls. Specific structural or pollution prevention practices may be required, as determined to be necessary by the Municipal Engineer, to pretreat runoff from hotspots prior to infiltration. Following is a list of examples of hotspots:
 - (1) Vehicle salvage yards and recycling facilities.
 - (2) Vehicle fueling stations.
 - (3) Vehicle service and maintenance facilities.
 - (4) Vehicle and equipment cleaning facilities.
 - (5) Fleet storage areas (bus, truck, etc.).
 - (6) Industrial sites based on standard industrial classification codes.
 - (7) Marinas (service and maintenance areas).
 - (8) Outdoor liquid container storage.
 - (9) Outdoor loading/unloading facilities.
 - (10) Public works storage areas.
 - (11) Facilities that generate or store hazardous materials.
 - (12) Commercial container nursery.
 - (13) Contaminated sites/brownfields.
 - (14) Other land uses and activities as designated by the municipality.

- O. Contaminated and brownfield sites. Where BMPs may contribute to the migration of contaminants in groundwater, the water quality and runoff volume, stream channel protection, and peak rate control standards shall be met; however, at the Municipal Engineer's discretion, the minimum infiltration requirement may be reduced or eliminated commensurate with the contaminated area, and the required water quality and runoff control measures may be increased to mitigate the reduced infiltration requirement for the contaminated area.
- P. Additional water quality requirements. The municipality may require additional stormwater control measures for stormwater discharges to special management areas, including, but not limited to:
- (1) Water bodies listed as "impaired" by PADEP.
 - (2) Any water body or watershed with an approved total maximum daily load (TMDL).
 - (3) Areas of known existing flooding problems.
 - (4) Critical areas with sensitive resources (e.g., state-designated special protection waters, cold-water fisheries, carbonate geology or other groundwater recharge areas that may be highly vulnerable to contamination, drainage areas to water supply reservoirs, etc.).
- Q. Applicants shall utilize the Pennsylvania Stormwater Best Management Practices Manual (PA BMP Manual), as amended, or other sources acceptable to the Municipal Engineer, for testing and design standards for BMPs, and where there is a conflict with the provisions of this chapter, the most restrictive applies. If methods other than green infrastructure, LID, and CD methods are proposed to achieve the volume and rate controls required under this Ordinance, the SWM Site Plan must include a detailed justification demonstrating that the use of LID, green infrastructure, and CD are not practicable.
- R. For areas underlain by karst or carbonate geology that may be susceptible to the formation of sinkholes and other karst features, the location, type, and design of infiltration BMPs shall be based on a site evaluation conducted by a qualified licensed professional and based on the PA BMP Manual (as amended) or other design guidance acceptable to the Municipal Engineer.
- S. All regulated activities located within a special flood hazard area designated by the Federal Emergency Management Agency (FEMA) shall comply with § 240-26 of the Code of East Goshen Township and shall be designed to maintain the flood-carrying capacity of the floodway such that the base flood elevations are not increased, either upstream or downstream. The natural conveyance characteristics of the site and the receiving floodplain shall be incorporated into the stormwater management practices proposed for the site.
- T. If a perennial or intermittent stream passes through the site, the applicant shall create a riparian buffer extending a minimum of 50 feet to either side of the top of the bank of the channel. The buffer area shall be maintained with appropriate native vegetation (see a list of technical references in Appendix F). If the applicable rear or side yard setback is less than 50 feet, the buffer width may be reduced to 25% of the setback to a minimum of 10 feet. If an existing buffer is legally prescribed (e.g., deed covenant, easement, etc.) and it exceeds the requirement of this chapter, the existing buffer shall be maintained.

§ 195-16 Permit requirements by other governmental entities.

The following permit or other regulatory requirements may apply to certain regulated activities and shall be met prior to (or as a condition of) final approval by the municipality of the SWM site plan and prior to commencement of any regulated activities, as applicable:

- A. All regulated activities subject to permit or regulatory requirements by PADEP under regulations at 25 Pa. Code Chapter 102 or erosion and sediment control requirements of the municipality.
- B. Work within natural drainageways subject to permit by PADEP under 25 Pa. Code Chapter 105.

- C. Any BMP or conveyance that would be located in or adjacent to surface waters of the commonwealth, including wetlands, subject to permit by PADEP under 25 Pa. Code Chapter 105.
- D. Any BMP or conveyance that would be located on or discharge to a state highway right-of-way or require access to or from a state highway and be subject to approval by PennDOT.
- E. Culverts, bridges, storm sewers, or any other facilities which must pass or convey flows from the tributary area and any facility which may constitute a dam subject to permit by PADEP under 25 Pa. Code Chapter 105.

§ 195-17 Erosion and sediment control.

- A. No regulated activity within the municipality shall commence until:
 - (1) The municipality receives documentation that the applicant has received:
 - (a) A "letter of adequacy" from the Conservation District or other approval from PADEP in compliance with Title 25, Chapter 102, of the Pennsylvania Code of an erosion and sediment control plan for construction activities, for projects where the area of disturbance exceeds one (1) acre dredging is involved, or when the disturbance is associated with activities described under Title Chapter 105 of the Pennsylvania Code permits, if applicable;
 - (b) A PADEP NPDES Permit for Stormwater Discharges Associated with Construction Activities ~~construction activities permit~~ as required under 25 Pa. Code Chapter 92.a, if applicable;
 - (c) Evidence of any other permit(s) or approvals required for the regulated activities; and
 - (2) An erosion and sediment control plan has been approved by the municipality, if required.
- B. A copy of the erosion and sediment control plan and any required permit(s), as required by PADEP regulations, shall be available on the site at all times.
- C. Additional erosion and sediment control measures shall be applied where infiltration BMPs are proposed, at a minimum including those required in § 195-20M.

§ 195-18 Site design process.

For regulated activities with 10,000 or more square feet of proposed earth disturbance or 2,000 or more square feet of ~~regulated proposed i~~mpervious ~~s~~urfaces, the applicant shall design the site to minimize the disturbances to land, site hydrology, and natural resources and to maintain the natural hydrologic regime, drainage patterns and flow conditions. For regulated activities with 10,000 or more square feet of proposed earth disturbance or 2,000 or more square feet of ~~Regulated proposed i~~mpervious ~~s~~urfaces, the applicant shall demonstrate in its SWM site plan (as required in § 195-27C) that the design sequence, objectives and techniques described below were applied to the maximum extent practicable in the site design of the regulated activity while complying with all other requirements of this chapter. The site design shall:

- A. First, identify and delineate all existing natural resources and natural and man-made hydrologic features listed in § 195-27B(8) that are located within the site or receive discharge from or may be impacted by the proposed regulated activity.
- B. Second, provide a prioritized listing of these resources and features to identify:
 - (1) Those to be incorporated into the site design in a manner that provides protection from any disturbance or impact from the proposed regulated activity;
 - (2) Those to be protected from further disturbance or impact but for which the proposed regulated activity will provide improvement to existing conditions;
 - (3) Those that can be incorporated into and utilized as components of the overall site design in a manner

that protects or improves their existing conditions while utilizing their hydrologic function within the limits of their available capacity (e.g., for infiltration, evapotranspiration, or reducing pollutant loads, runoff volume or peak discharge rates, etc.) to reduce the need for or size of constructed BMPs; and

(4) Those that may be considered for alteration, disturbance or removal.

C. Third, develop the site design to achieve the following:

- (1) Recognize and incorporate the priorities identified in § 195-18B as the basis for the proposed site layout, grading, construction, and permanent ground cover design;
- (2) Minimize earth disturbance (both surface and subsurface);
- (3) Maximize protection of or improvement to natural resources and special management areas;
- (4) Minimize the disturbance of natural site hydrology, in particular natural drainage features and patterns, discharge points and flow characteristics, natural infiltration patterns and characteristics, and natural channel and floodplain conveyance capacity;
- (5) Incorporate natural hydrologic features and functions identified in § 195-18B into the site design to protect and utilize those features and their hydrologic functions to reduce the need for or size of constructed BMPs;
- (6) Maximize infiltration and the use of natural site infiltration features, patterns and conditions, and evapotranspiration features;
- (7) Apply selective grading design methods to provide final grading patterns or preserve existing topography in order to evenly distribute runoff and minimize concentrated flows;
- (8) Minimize the cumulative area to be covered by impervious surfaces, and:
 - (a) Minimize the size of individual impervious surfaces;
 - (b) Separate large impervious surfaces into smaller components;
 - (c) Disconnect runoff from one impervious surface to another; and
 - (d) Utilize porous materials in place of impervious wherever practicable;
- (9) Minimize the volume and peak discharge rates of stormwater generated;
- (10) Avoid or minimize stormwater runoff pollutant loads and receiving stream channel erosion;
- (11) Locate infiltration and other BMPs:
 - (a) At or as near to the source of generation as possible; and
 - (b) At depths that are as shallow as possible;
- (12) Prioritize the selection and design of BMPs as follows:
 - (a) Nonstructural and vegetation BMPs, then;
 - (b) Structural (surface and subsurface) BMPs;
- (13) For flow volumes requiring conveyance from the source of generation to a BMP for management, give preference to open channel conveyance techniques that provide infiltration and water quality benefits and landscaped-based management in common open space areas, where practicable; and

(14) Consider additional guidance for incorporating natural hydrology into the site and BMP designs, methods and techniques that support the objectives of § 195-18B and C. Appendix B presents additional discussion of [natural hydrology site design and sources of information for "eConservation dDesign" and, Low-impact designDevelopment, and sustainable design.](#)

D. The procedures set forth above shall be utilized to the maximum extent practicable for the overall site design and selection, location and design of features and BMPs to be used to comply with the requirements of §§ 195-19, 195-20, 195-21 and 195-22.

§ 195-19 Water quality and runoff volume requirements.

To control postconstruction stormwater impacts from regulated activities and meet state water quality requirements, BMPs shall be provided in the site design that replicate predevelopment stormwater infiltration and runoff conditions, such that postconstruction stormwater discharges do not degrade the physical, chemical, or biological characteristics of the receiving waters. [The green infrastructure and Low Impact Development \(LID\) practices provided in the PA BMP Manual, as well as the guidance on green infrastructure, LID and Conservation Design \(CD\) provided in Appendix B, shall be utilized for all regulated activities wherever possible.](#) The applicant shall comply with the following water quality and runoff volume requirements for all regulated activities, including all new development and redevelopment activities:

- A. The postconstruction total runoff volume shall not exceed the predevelopment total runoff volume for all storms equal to or less than the two-year, twenty-four-hour-duration precipitation (design storm). The water quality and runoff volume to be managed shall consist of any runoff volume generated by the proposed regulated activity over and above the predevelopment total runoff volume and shall be captured and permanently retained or infiltrated on the site. Permanent retention options may include, but are not limited to, reuse, evaporation, transpiration, and infiltration.
- B. For modeling purposes, the predevelopment ground cover conditions shall be determined using the corresponding ground cover assumptions presented in § 195-23D of this chapter.
- C. The design of the [Stormwater Management Facility](#) outlet shall provide for protection from clogging and unwanted sedimentation.
- D. BMPs that moderate the temperature of stormwater shall be used to protect the temperature of receiving waters.
- E. Water quality improvement shall be achieved in conjunction with achieving the infiltration requirements of § 195-20. The infiltration volume required under § 195-20 may be included as a component of the water quality volume. If the calculated water quality and runoff volume is greater than the volume infiltrated, then the difference between the two volumes shall be managed for water quality and runoff volume control through other techniques or practices but shall not be discharged from the site.
- F. Runoff from the disturbed area shall be treated for water quality prior to entering existing waterways or water bodies. If a stormwater management practice does not provide water quality treatment, then water quality BMPs shall be utilized to provide pretreatment prior to the runoff entering the stormwater management practice.
- G. The municipality may require additional water quality and runoff control measures for stormwater discharging to special management areas such as those listed in § 195-15P.
- H. When the regulated activity contains or is divided by multiple drainage areas, the water quality and runoff volume shall be separately addressed for each drainage area.
- I. Weighted averaging of runoff coefficients shall not be used for manual computations or input data for water quality and runoff volume calculations.
- J. Areas located outside of the site (i.e., areas outside of the regulated activity) may be excluded from

the calculation of the water quality and runoff volume requirements.

- K. Water quality and volume control practices shall be selected and designed to meet the criteria of § 195-18C that apply to water quality and volume control.

L. Evapotranspiration may be quantified and credited towards meeting volume requirements according to the PADEP Post Construction Stormwater Management (PCSM) Spreadsheet and Instructions (December 2020) or the most recent guidance from PADEP.

§ 195-20 Infiltration requirements.

Providing for infiltration consistent with the natural hydrologic regime is required to compensate for the reduction in the recharge that occurs when the ground surface is disturbed or impervious surface is created or expanded. The applicant shall achieve the following infiltration requirements:

- A. Wherever possible For Regulated Activities involving both New Development and Redevelopment, infiltration should be designed to accommodate the entire water quality and runoff volume required in § 195-19. Infiltration BMPs should be consistent with the design and infiltration period guidelines included in the PA BMP Manual or other PA DEP design guidance. If the runoff volume required by § 195-19 cannot be infiltrated, then alternative methods consistent with the PA BMP Manual (as amended) or other PA DEP guidance, such as the Managed Release Concept, may be used to manage this volume with approval from the Municipal Engineer.

- B. For regulated activities involving both new development and redevelopment, the volume of a minimum of one (1) inch of runoff from all proposed Regulated impervious surfaces shall be infiltrated.

C. For regulated activities involving redevelopment, whichever is less of the following volume options shall be infiltrated:

(1) The volume of a minimum of one inch of runoff from all proposed impervious surfaces; or

(2) The total water quality and runoff volume required in § 195-19 of this chapter.

CD. If the requirements of Subsection AB or CB cannot be physically accomplished, then the applicant shall be responsible for demonstrating with data or calculations to the satisfaction of the Municipal Engineer why this infiltration volume cannot be physically accomplished on the site (e.g., shallow depth to bedrock or limiting zone, open voids, steep slopes, etc.) and what alternative volume can be infiltrated; however, in all cases at least the 0.5 inch of runoff volume shall be infiltrated.

- E. Only if a minimum infiltration of the first of at least one half (0.5) inch of runoff volume infiltration requirement cannot be physically accomplished on the site shall a waiver from § 195-20 be considered by the municipality, in accordance with § 195-11.

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- F. If site conditions preclude capture of runoff from portions of the impervious surfaces, the infiltration volume for the remaining area shall be increased an equivalent amount to offset the loss.

- G. When a project contains or is divided by multiple watersheds, the infiltration volume shall be separately addressed for each watershed.

- H. Existing impervious surfaces located in areas outside of the site (i.e., outside of the regulated activity) may be excluded from the calculation of the required infiltration volume.

- I. A detailed soils evaluation of the site shall be conducted by a qualified professional and at a minimum shall address soil permeability, depth to bedrock, and subgrade stability. The general process for designing the infiltration BMP shall be conducted by a qualified licensed professional and shall be consistent with the PA BMP Manual (as amended) (or other guidance acceptable to the Municipal Engineer) and in general shall:

- (1) Analyze hydrologic soil groups as well as natural and man-made features within the site to determine general areas of suitability for infiltration practices. In areas where development on fill material is under consideration, conduct geotechnical investigations of subgrade stability; infiltration may not be ruled out without conducting these tests.
 - (2) Provide field tests such as double ring infiltrometer or other hydraulic conductivity tests (at the elevation of the proposed infiltration surface) to determine the appropriate hydraulic conductivity rate. Standard septic/sewage percolation tests are not acceptable for design purposes.
 - (3) Design the infiltration facility for the required retention (infiltration) volume based on field-determined infiltration capacity (and apply safety factor as per applicable design guidelines) at the elevation of the proposed infiltration surface.
 - (4) On-lot infiltration features are encouraged; however, it shall be demonstrated to the Municipal Engineer that the soils are conducive to infiltration on the identified lots.
- J. Infiltration BMPs shall be selected based on suitability of soils and site conditions and shall be constructed on soils that have the following characteristics:
- (1) A minimum depth of 24 inches between the bottom of the BMP and the top of the limiting zone. Additional depth may be required in areas underlain by karst or carbonate geology.
 - (2) An infiltration rate sufficient to accept the additional stormwater volume and drain completely as determined by field tests conducted by the applicant.
 - (3) The infiltration facility shall completely drain the retention (infiltration) volume within three days (72 hours) from the end of the design storm.
- K. All infiltration practices shall:
- (1) Be selected and designed to meet the criteria of § 195-18C that are applicable to infiltration.
 - (2) Be set back at least 10 feet from all buildings and features with subgrade elements (e.g., basements, foundation walls, etc.) and five feet from any property line or right-of-way line, unless otherwise approved by the Municipal Engineer.
 - (3) For any infiltration practice that collects runoff from shared or multiple features and that is located within 10 feet of a building or feature with subgrade elements (e.g., basements, foundation walls, etc.), the bottom elevation shall be set below the elevation of the subgrade element.
- L. Infiltration facilities shall, to the maximum extent practicable, be located to avoid introducing contaminants to groundwater:
- (1) When a hotspot is located in the area draining to a proposed infiltration facility, an evaluation of the potential of groundwater contamination from the proposed infiltration facility shall be performed, including a hydrogeologic investigation (if necessary) by a qualified licensed professional to determine what, if any, pretreatment or additional design considerations are needed to protect groundwater quality.
 - (2) When located within a "wellhead protection area" of a public water supply well, infiltration practices shall be in conformance with the applicable approved source water protection assessment or source water protection plan.
 - (3) The applicant shall provide appropriate safeguards against groundwater contamination for land uses that may cause groundwater contamination should there be a mishap or spill.
- M. During site construction, all infiltration practice components shall be protected from compaction due to heavy equipment operation or storage of fill or construction material. Infiltration areas shall also

be protected from sedimentation. Areas that are accidentally compacted or graded shall be remediated to restore soil composition and porosity. Adequate documentation to this effect shall be submitted to the Municipal Engineer for review. All areas designated for infiltration shall not receive runoff until the contributory drainage area has achieved final stabilization.

- N. Where sediment transport in the stormwater runoff is anticipated to reach the infiltration system, appropriate permanent measures to prevent or collect sediment shall be installed prior to discharge to the infiltration system.
- O. Where roof drains are designed to discharge to infiltration practices, they shall have appropriate measures to prevent clogging by unwanted debris (for example, silt, leaves and vegetation). Such measures shall include but are not limited to leaf traps, gutter guards and cleanouts.
- P. All infiltration practices shall have appropriate positive overflow controls.
- Q. No sand, salt or other particulate matter may be applied to a porous surface material for winter ice conditions.
- R. The following procedures and materials shall be required during the construction of all subsurface facilities:
 - (1) Excavation for the infiltration facility shall be performed with equipment that will not compact the bottom of the seepage bed/trench or like facility.
 - (2) The bottom of the bed and/or trench shall be scarified prior to the placement of aggregate.
 - (3) Only clean aggregate with documented porosity, free of fines, shall be allowed.
 - (4) The tops, bottoms and sides of all seepage beds, trenches, or like facilities shall be covered with drainage fabric. Fabric shall be nonwoven fabric acceptable to the Municipal Engineer.
 - (5) Stormwater shall be distributed throughout the entire seepage bed/trench or like facility, and provisions for the collection of debris shall be provided in all facilities.

§ 195-21 Stream channel protection requirements.

For regulated activities involving new development with one or more acres of earth disturbance, the applicant shall comply with the following stream channel protection requirements to minimize stream channel erosion and associated water quality impacts to the receiving waters:

- A. The peak flow rate of the postconstruction two-year, twenty-four-hour design storm shall be reduced to the predevelopment peak flow rate of the one-year, twenty-four-hour-duration precipitation, using the SCS Type II distribution.
- B. To the maximum extent practicable, and unless otherwise approved by the Municipal Engineer, the postconstruction one-year, twenty-four-hour storm flow shall be detained for a minimum of 24 hours and a maximum not to exceed 72 hours from a point in time when the maximum volume of water from the one-year, twenty-four-hour storm is stored in a proposed BMP (i.e., when the maximum water surface elevation is achieved in the facility). Release of water can begin at the start of the storm (i.e., the invert of the orifice is at the invert of the proposed BMP).
- C. For modeling purposes, the predevelopment ground cover conditions shall be determined using the corresponding ground cover assumptions presented in § 195-23D of this chapter.
- D. The minimum orifice size in the outlet structure to the BMP shall be three inches in diameter unless otherwise approved by the Municipal Engineer, and a trash rack shall be installed to prevent clogging. For sites with small drainage areas contributing to the BMP that do not provide enough runoff volume to allow a twenty-four-hour attenuation with the three-inch orifice, the calculations shall be submitted showing this condition.

- E. When the calculated orifice size is below three inches, gravel filters (or other methods) are recommended to discharge low-flow rates subject to the Municipal Engineer's satisfaction. When filters are utilized, maintenance provisions shall be provided to ensure filters meet the design function.
- F. All proposed Stormwater Management Facilities shall make use of measures to extend the flow path and increase the travel time of flows in the facility.
- G. When a regulated activity contains or is divided by multiple drainage areas, the peak flow rate control shall be separately addressed for each drainage area.

§ 195-22 Stormwater peak rate control requirements.

The applicant shall comply with the following peak flow rate control requirements for all regulated activities, including those that involve new development and redevelopment that are not located in the Chester Creek watershed:

- A. Postconstruction peak flow rates from any regulated activity not located in the Chester Creek watershed shall not exceed the predevelopment peak flow rates as shown for each of the design storms specified in Table 195-22.1.

Table 195-22.1

Peak Rate Control Standards for Properties Not in the Chester Creek Watershed

(Peak flow rate of the postconstruction design storm shall be reduced to the peak flow rate of the corresponding predevelopment design storm shown in the table.)

Predevelopment Design Storm

Postconstruction Design Storm Frequency (24-Hour Duration)	New Development Regulated Activities	Redevelopment Regulated Activities
2-year	1-year	2-year
5-year	5-year	5-year
10-year	10-year	10-year
25-year	25-year	25-year
50-year	50-year	50-year
100-year	100-year	100-year

- B. For modeling purposes, the predevelopment ground cover conditions shall be determined using the corresponding ground cover assumptions presented in § 195-23D of this chapter.
- C. For regulated activities involving only redevelopment, no peak flow rate controls are required when and only if the total proposed Regulated impervious sSurface area is at least 20% less than the total existing impervious surface area to be disturbed by the regulated activity. In all cases where this requirement is not met, the redevelopment regulated activity shall achieve the peak flow rate controls presented in Table 195-22.1, using the redevelopment ground cover assumptions presented in § 195-23D. This design criterion for Redevelopment is only permitted with approval of the Municipal Engineer. It shall result in no impact on downstream properties.

- D. Only the area of the proposed regulated activity shall be subject to the peak flow rate control standards of this chapter. Undisturbed areas for which the discharge point has not changed are not subject to the peak flow rate control standards.
- E. Areas located outside of the site (i.e., areas outside of the regulated activity) that drain through a proposed site are not subject to peak flow rate control requirements. Drainage facilities located on the site shall be designed to safely convey flows from outside of the site through the site.
- F. When a regulated activity contains or is divided by multiple drainage areas, the peak flow rate controls shall be separately addressed for each drainage area.
- G. The effect of structural and nonstructural stormwater management practices implemented as part of the overall site design may be taken into consideration when calculating total storage volume and peak flow rates.
- H. Chester Creek watershed new development.
 - (1) The Chester Creek watershed is divided into districts that represent three levels of stormwater management. The boundaries of the stormwater management districts are shown on an official release rate map, included as part of the Chester Creek Stormwater Management Plan (see Plate 8, Release Rate Map). A copy of the release rate map at a reduced scale is included in Appendix G. This map is for reference only. The exact location of the stormwater management district boundaries as they apply to a given development site must be determined by mapping the boundaries using the two-foot topographic contours (or the most accurate date required) provide as part of the of the drainage plan.
 - (2) Regulated activities for new development located within the Chester Creek watershed shall achieve the applicable peak flow release rate control requirements presented in the approved PA Act 167 Plan for that watershed as presented in Table 195-22.2 below and as presented in the Chester Creek Watershed Release Rate Map.
 - (3) In the Chester Creek watershed for the two-, five-, ten-, twenty-five-, fifty-, and one-hundred-year design storms, standards for new development are shown in Table 195-22.2. Development sites located in each of the districts must control postdevelopment peak runoff rates to the specified percentage of the predevelopment runoff rates for the design storms as shown in Table 195-22.2.

Table 195-22.2

New Development Peak Rate Control Standards for Properties in Chester Creek Watershed

Control Criteria for Stormwater Management Districts

District	Control Criteria
100%	Postdevelopment peak discharge for all design storms must be no greater than predevelopment peak discharges
75%	Postdevelopment peak discharge for all design storms must be no greater than 75% of the predevelopment peak discharges
50%	Postdevelopment peak discharge for all design storms must be no greater than 50% of the predevelopment peak discharges

- I. Chester Creek watershed redevelopment. Regulated activities for redevelopment projects located within the Chester Creek watershed shall meet peak discharge requirements based on the adjusted runoff control number (RCN) or "C" values illustrated in Appendix H.

Table 195-22.3

Redevelopment Peak Rate Control Standards for Properties in the Chester Creek Watershed

Rational Formula Runoff Coefficients

Type of Drainage Area	Runoff Coefficient
Lawns:	
Sandy soil, flat <2%	0.05 to 0.10
Sandy soil, average 2% to 7%	0.10 to 0.15
Sandy soil, steep >7%	0.15 to 0.20
Heavy soil, flat <2%	0.13 to 0.17
Heavy soil, average 2% to 7%	0.18 to 0.22
Heavy soil, steep >7%	0.25 to 0.35
Business:	
Downtown areas	0.70 to 0.95
Neighborhood area	0.50 to 0.70
Residential:	
Single-family areas	0.30 to 0.50
Multi Units, detached	0.40 to 0.60
Multi units, attached	0.60 to 0.75
Suburban	0.25 to 0.70
Apartment dwelling areas	0.50 to 0.70
Industrial:	
Light areas	0.50 to 0.80
Heavy areas	0.60 to 0.90
Parks, cemeteries	0.10 to 0.25
Playgrounds	0.10 to 0.35

Table 195-22.3

Redevelopment Peak Rate Control Standards for Properties in the Chester Creek Watershed

Rational Formula Runoff Coefficients

Type of Drainage Area	Runoff Coefficient
Railroad yard areas	0.20 to 0.40
Unimproved areas	0.10 to 0.30
Streets:	
Asphalt	0.70 to 0.95
Concrete	0.80 to 0.95
Brick	0.70 to 0.85
Drives and walks	0.75 to 0.85
Roofs	0.75 to 0.95

SOURCE: Ven Te Chow, 1964, Handbook of Applied Hydrology, McGraw-Hill Book Co.

§ 195-23 Calculation methodology.

- A. Stormwater runoff from all regulated activity sites with a drainage area of greater than five acres shall be calculated using a generally accepted calculation technique(s) that is based on the NRCS Soil Cover Complex Method. Table 195-23 summarizes acceptable computation methods. The method selected for use shall be based on the individual limitations and suitability of each method for a particular site. The use of the Rational Method to estimate peak discharges for drainage areas greater than five acres shall be permitted only upon approval by the Municipal Engineer.

Table 195-23

Acceptable Computation Methodologies for SWM Site Plan

Method	Developed By	Applicability
TR-20 (or commercial computer package based on TR-20)	USDA NRCS	Applicable where use of full hydrology computer model is desirable or necessary
TR-55 (or commercial computer package based on TR-55)	USDA NRCS	Applicable for land development plans where limitations described in TR-55 are met
HEC-1/HEC-HMS	U.S. Army Corps of Engineers	Applicable where use of a full hydrologic computer model is desirable or necessary

Table 195-23

Acceptable Computation Methodologies for SWM Site Plan

Method	Developed By	Applicability
Rational Method (or commercial computer package based on Rational Method)	Emil Kuichling (1889)	For sites up to five acres or as approved by the municipality
Other methods	Varies	Other computation methodologies approved by the municipality

- B. All calculations using the Soil Cover Complex Method shall use the appropriate design rainfall depths for the various return period storms consistent with this chapter. Rainfall depths used shall be obtained from [the latest version of the Precipitation-Frequency Atlas of the United States, National Oceanic and Atmospheric Administration \(NOAA\), National Weather Service, Hydrometeorological Design Studies Center, Silver Spring, Maryland \(NOAA Atlas 14\)](#) values consistent with a partial duration series. When stormwater calculations are performed for routing procedures or infiltration, water quality and runoff volume functions, the duration of rainfall shall be 24 hours.
- C. All calculations using the Rational Method shall use rainfall intensities consistent with appropriate times of concentration (duration) and storm events with rainfall intensities obtained from NOAA Atlas 14 partial duration series estimates or the latest version of the PennDOT Drainage Manual (PDM Publication 584). Times of concentration shall be calculated based on the methodology recommended in the respective model used. Times of concentration for channel and pipe flow shall be computed using Manning's Equation.
- D. Outside of the Chester Creek watershed, the applicant shall utilize the following ground cover assumptions for all predevelopment water quality and runoff volume, infiltration volume and peak flow rate calculations:
 - (1) For regulated activities involving new development, the following ground cover assumptions shall be used:
 - (a) For areas that are woods (as defined in Article II of this chapter), predevelopment calculations shall assume ground cover of "woods in good condition."
 - (b) For all other areas (including all impervious surfaces), predevelopment calculations shall assume ground cover of "meadow."
 - (2) For regulated activities involving redevelopment, the following ground cover assumptions shall be used:
 - (a) For areas that are woods (as defined in Article II of this chapter), predevelopment calculations shall assume ground cover of "woods in good condition."
 - (b) For areas that are not woods or not impervious surfaces, predevelopment calculations shall assume ground cover of "meadow."
 - (c) For areas that are impervious surfaces, predevelopment calculations shall assume at least 20% of the existing impervious surface area to be disturbed as "meadow" ground cover.
 - (3) The applicant shall determine which stormwater standards apply to the proposed regulated activity as follows:
 - (a) Stormwater standards for new development shall apply to all proposed regulated activities that

Commented [MT1]: Option to increase from 20% to 40%. Our recommendation would be to keep at 20%

involve only new development activities as defined in this chapter.

(b) Stormwater standards for redevelopment shall apply to all proposed regulated activities that involve only redevelopment activities as defined in this chapter.

(c) At the discretion of the Municipal Engineer, regulated activities that involve a combination of both new development and redevelopment activities, as defined in this chapter, may either:

[1] Apply the stormwater standards (redevelopment or new development) that are associated with the activity that involves the greatest amount of land area; or

[2] Apply the redevelopment and new development stormwater standards to the corresponding redevelopment and new development portions of the proposed regulated activity.

E. For projects in the Chester Creek watershed, all undeveloped land shall be considered to be "meadow" good condition, Type B soils (CN = 58, C = 0.12), unless the natural ground cover generates a lower CN or C value (i.e., forest). If a proposed development meets the definition of "redevelopment" as defined in Article II of this chapter, the applicant may adjust the predevelopment CN or C value based on the curves provided in Appendix C. Runoff characteristics for off-site areas draining through the project site shall be based on actual existing conditions and shall be assumed to not have any controls implemented on future development (i.e., no release rate restrictions).

F. Runoff curve numbers (CN) for both predevelopment and proposed (postconstruction) conditions to be used in the Soil Cover Complex Method shall be obtained from Table C-1 in Appendix C of this chapter.

G. Runoff coefficients (C) for both predevelopment and proposed (postconstruction) conditions for use in the Rational Method shall be obtained from Table C-2 in Appendix C of this chapter.

H. Weighted averaging of runoff coefficients shall not be used for manual computations or input data for water quality and runoff volume calculations.

I. Hydraulic computations to determine the capacity of pipes, culverts, and storm sewers shall be consistent with methods and computations contained in the Federal Highway Administration Hydraulic Design Series No. 5 (Publication No. FHWA-NHI-01-020 HDS No. 5, as amended). Hydraulic computations to determine the capacity of open channels shall be consistent with methods and computations contained in the Federal Highway Administration Hydraulic Engineering Circular No. 15 (Publication No. FHWA-NHI-05-114 HEC 15, as amended). Values for Manning's roughness coefficient (n) shall be consistent with Table C-3 in Appendix C of the chapter.

J. Runoff calculations shall include the following assumptions:

(1) Average antecedent moisture conditions (for the Soil Cover Complex Method only, for example, TR-55, TR-20).

(2) A Type II distribution storm (for the Soil Cover Complex Method only, for example, TR-55, TR-20).

§ 195-24 Other requirements.

A. Any BMP intended to hold standing water for four days or longer shall be designed to incorporate biologic controls consistent with the West Nile Guidance found in Appendix D, PADEP document 363-0300-001, "Design Criteria — Wetlands Replacement/Monitoring," as amended (or contact the Pennsylvania State Cooperative Wetland Center or the Penn State Cooperative Extension Office for design information).

B. Any stormwater basin required or regulated by this chapter designed to store runoff and requiring a berm or earthen embankment shall be designed to provide an emergency spillway to safely convey

flow up to and including the one-hundred-year proposed conditions. The height of embankment shall provide a minimum one foot of freeboard above the maximum pool elevation computed when the facility functions for the one-hundred-year proposed conditions inflow. Should any BMP require a dam safety permit under PA Chapter 105 regulations, the facility shall be designed in accordance with and meet the regulations of PA Chapter 105 concerning dam safety. PA Chapter 105 may require the safe conveyance of storms larger than one-hundred-year event.

- C. Any drainage conveyance facility and/or channel not governed by PA Chapter 105 regulations shall be designed to convey, without damage to the drainage facility or roadway, runoff from the twenty-five-year storm event. Larger storm events (fifty-year and one-hundred-year storms) shall also be safely conveyed in the direction of natural flow without creating additional damage to any drainage facilities, nearby structures, or roadways.
- D. Conveyance facilities to or exiting from stormwater management facilities (i.e., detention basins) shall be designed to convey the design flow to or from the facility.
- E. Roadway crossings or structures located within designated floodplain areas shall be able to convey runoff from a one-hundred-year design storm consistent with Federal Emergency Management Agency National Flood Insurance Program Floodplain Management Requirements.
- F. Any Stormwater Management facility located within a PennDOT right-of-way shall comply with PennDOT minimum design standards and permit submission and approval requirements.
- G. Adequate erosion protection and energy dissipation shall be provided along all open channels and at all points of discharge. Design methods shall be consistent with the Federal Highway Administration Hydraulic Engineering Circular No. 11 (Publication No. FHWA-IP-89-016, as amended) and the PADEP Erosion and Sediment Pollution Control Program Manual (Publication No. 363-2134-008, as amended), or other design guidance acceptable to the Municipal Engineer.

§ 195-25 Other conveyance and system design standards.

Conveyance and system design standards shall be in accordance with Chapter 205 of the Code of East Goshen Township titled "Subdivision and Land Development."

§ 195-26 Riparian Buffers

In order to protect and improve water quality, a Riparian Buffer Easement shall be created and recorded as part of any subdivision or land development that encompasses a stream to aid in the establishment of a Riparian Buffer.

Except as required by Chapter 102, the Riparian Buffer Easement shall be measured to be the greater of the limit of the 100-year floodplain or a minimum of 100 feet from the top of the streambank (on each side).

Minimum Management Requirements for Riparian Buffers.

1. Existing native vegetation shall be protected and maintained within the Riparian Buffer Easement.

2. Whenever practicable, invasive vegetation shall be actively removed and the Riparian Buffer Easement shall be planted with native trees, shrubs, and other vegetation to create a diverse native plant community appropriate to the intended ecological context of the site.

The Riparian Buffer Easement shall be enforceable by the municipality and shall be recorded in the Chester County Recorder of Deeds Office, so that it shall run with the land and shall limit the use of the property located therein. The easement shall allow for the continued private ownership and shall count toward the minimum lot area as required by Zoning, unless otherwise specified in the municipal Zoning Ordinance.

Commented [MT2]: We recommend not included. We feel 195-15.T adequately addresses riparian buffers. This OPTIONAL section would add additional easement and vegetation management requirements.

E. Any permitted use within the Riparian Buffer Easement shall be conducted in a manner that will maintain the extent of the existing 100-year floodplain, improve or maintain the stream stability, and preserve and protect the ecological function of the floodplain.

F. The following conditions shall apply when public and/or private recreation trails are permitted within Riparian Buffers:

1. Trails shall be for non-motorized use only.

2. Trails shall be designed to have the least impact on native plant species and other sensitive environmental features.

G. Septic drainfields and sewage disposal systems shall not be permitted within the Riparian Buffer Easement and shall comply with setback requirements established under 25 Pa. Code Chapter 73.

Article IV Stormwater Management (SWM) Site Plan Requirements

§ 195-276 General requirements.

For any regulated activity, unless exempt per the provisions of § 195-6:

- A. Preparation and implementation of an approved SWM site plan is required.
- B. No regulated activity shall commence until the municipality issues written approval of a SWM site plan, which demonstrates compliance with the requirements of this chapter, and, if required, a letter of adequacy has been issued by the Conservation District for an erosion and sediment control plan.
- C. The preliminary or final approval of subdivision and/or land development plans and the issuance of any building or occupancy permit shall not proceed until the applicant has received written approval of a SWM site plan from the municipality.
- D. The SWM site plan approved by the municipality shall be on site throughout the duration of the regulated activity.

§ 195-287 SWM site plan contents.

The SWM site plan shall consist of a general description of the project including items described in § 195-18, calculations, maps, and plans. A note on the maps shall refer to the associated computations and erosion and sediment control plan by title and date. The cover sheet of the computations and erosion and sediment control plan shall refer to the associated maps by title and date. All SWM site plan materials shall be submitted to the municipality in a format that is clear, concise, legible, neat, and well organized; otherwise, the SWM site plan shall not be accepted for review and shall be returned to the applicant. The SWM site plan requirements for regulated activities with less than 10,000 square feet of proposed earth disturbance and less than 2,000 square feet of proposed impervious surfaces shall include, at a minimum, all items required for the Simplified Approach stormwater management plan (Appendix A). For all other SWM site plans, the following items shall be included:

A. General.

- (1) A general description of the proposed project.
- (2) A listing of all regulatory approvals required for the proposed project and the status of the review and approval process for each. Final approval or adequacy letters must be submitted to the municipality prior to (or as a condition of) the municipality's issuing final approval of the SWM site plan. Proof of application or documentation of required permit(s) or approvals for the programs listed below shall be part of the SWM site plan, if applicable:

- (a) NPDES permit for stormwater discharges ~~associated with~~ construction activities;
 - (b) PADEP permits as needed:
 - [1] PADEP joint permit application.
 - [2] Chapter 105 (Dam Safety and Waterway Management).
 - [3] Chapter 106 (Floodplain Management).
 - (c) PennDOT highway occupancy permit;
 - (d) Erosion and sediment control plan letter of adequacy; and
 - (e) Any other permit under applicable state or federal regulations.
- (3) A statement, signed by the applicant, acknowledging that any revision to the approved SWM site plan shall be submitted to and approved by the municipality and that a revised erosion and sediment control plan shall be submitted to, and approved by, the Conservation District or municipality (as applicable) for a determination of adequacy prior to construction of the revised features.
- (4) The following signature block signed and sealed by the qualified licensed professional responsible for the preparation of the SWM site plan:

"I (name), on this date (date of signature), hereby certify to the best of my knowledge that the SWM site plan meets all design standards and criteria of the East Goshen Township Stormwater Management Ordinance (Ordinance No.) _____." [Note: Include signature, name, discipline of professional license, and license stamp or seal here.]

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- (5) The following signature block for the Municipality:

"On behalf of East Goshen Township, (Municipal official or designee), on this date [Signature date], has reviewed and hereby certifies to the best of my knowledge that the SWM Site Plan meets all design standards and criteria of the Municipal Ordinance No. [number assigned to ordinance]."

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ne), on this date (date of signature), hereby certify to the best of my knowledge that the SWM site meets all design standards and criteria of the East Goshen Township Stormwater Management Ordinance (Ordinance No.) _____." [Note: Include signature, name, discipline of professional license, and stamp or seal here.]

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- B. Maps or plan sheets. Map(s) or plan sheets of the site shall be submitted on minimum twenty-four-inch-by-thirty-six-inch sheets and shall be prepared in a form that meets the requirements for recording at the Chester County Office of the Recorder of Deeds and the requirements of the operation and maintenance (O&M) plan and O&M agreement (Article VII). If the SALDO has additional or more stringent criteria than this chapter, then the SALDO criteria shall also apply. Unless otherwise approved by the Municipal Engineer, the contents of the maps or plan sheets shall include, but not be limited to:
- (1) A location map, with a scale of one inch equals 2,000 feet or greater, showing the site location relative to highways, municipal boundaries, or other identifiable landmarks.
 - (2) The name of the project, tax parcel number(s), and the names, addresses and phone numbers of the owner of the property, the applicant, and the firm preparing the plan.
 - (3) Signature and seal of the qualified licensed professional(s) responsible for preparation of the maps and plan sheets.

- (4) The date of SWM site plan submission and revision dates, as applicable.
- (5) A graphic and written scale of one inch equals no more than 50 feet.
- (6) A North arrow.
- (7) Legal property boundaries, including:
 - (a) The total project property boundary and size with distances marked to the nearest foot and bearings to the nearest degree.
 - (b) Boundaries, size and description of purpose of all existing easements and deed-restricted areas of the project property, with distances marked to the nearest foot and bearings to the nearest degree.
- (8) Existing natural resources and natural or man-made hydrologic features that are located within the site or receiving discharge from, or that may otherwise be impacted by, the proposed regulated activity, including but not limited to:
 - (a) All existing natural resources, hydrologic features and drainage patterns, including natural waterways, water bodies, wetlands, streams (intermittent and perennial), ponds, lakes, vernal pools, etc., natural infiltration areas and patterns, areas of significant natural evapotranspiration, and other water features and aquatic resources.
 - (b) Any existing man-made drainage features, BMPs, conveyances, facilities, open channels, swales, drainage patterns, or other flood, stormwater or drainage control features.
 - (c) For the site, discharge points and locations of concentrated flows and their drainage areas.
 - (d) For named waters, show names and their watershed boundaries within the site.
 - (e) Special management areas (as per § 195-15P).
 - (f) For the water bodies, streams and wetlands identified in Subsection B(8)(a), label or otherwise show the following attributes, if applicable:
 - [1] The designated use as determined by PADEP (25 Pa. Code Chapter 93);
 - [2] Impairments listed on the PADEP "Integrated List" (as updated) and the listed source and cause of impairment;
 - [3] Name, date, and target pollutant(s) for any approved total maximum daily load (TMDL); and
 - [4] Drainages to water supply reservoirs.
 - (g) Areas that are part of the Pennsylvania Natural Diversity Inventory (PNDI), and a list of potential impacts and clearances received (for regulated activities involving one acre or more proposed earth disturbance).
 - (h) Woods, vegetated riparian buffers and other areas of natural vegetation.
 - (i) Topography using contours (with elevations based on established bench marks) at intervals of two feet. In areas of slopes greater than 15%, five-foot contour intervals may be used. The datum used and the location, elevation and datum of any bench marks used shall be shown.
 - (j) Areas classified by the municipality as steep slopes.
 - (k) Soil names and boundaries, general type of soils with hydrologic soil group noted, and in particular note areas most conducive to infiltration BMPs, such as groups A and B, etc., estimated permeabilities in inches per hour, and location and other results of all soil tests and borings.

- (l) If present, areas with underlying carbonate geologic units, existing sinkholes, subsidence or other karst features, and any associated groundwater recharge areas with increased vulnerability to contamination.
- (m) Any contaminated surface or subsurface areas of the site.
- (n) Water supply wells.
- [1] Location of existing well(s) on the project property and delineation of the(ir) recharge area(s) (if known), or a fifty-foot diameter assumed recharge area.
- [2] Location of existing well(s) within 50 feet beyond the boundary of the project property boundary (if public water supply is proposed for the regulated activity).
- (o) Current FEMA one-hundred-year floodplain boundaries, elevations, and floodway boundaries for any special flood hazard areas on or within 100 feet of the property.
- (p) Boundaries of riparian buffer(s) as required by § ~~195-25~~ ~~195-15T~~.
- (q) Boundaries of a fifty-foot construction nondisturbance buffer to protect streams (intermittent and perennial), wetlands and other water bodies during construction of the proposed regulated activity.
- (9) Location of the proposed regulated activity, limits of earth disturbance (disturbed area), and BMPs and conveyances relative to the location of existing natural resources and hydrologic features and special management areas resulting from the site design process of § 195-18.
- (10) Description of existing and proposed ground cover and land use, including the type and total area.
- (11) Existing and proposed man-made features, including roads, paved areas, buildings, and other impervious and pervious surfaces on the project property (or an appropriate portion of the property as determined in consultation with the Municipal Engineer) and within the proposed disturbed area and including the type and total area of the following:
 - (a) Existing impervious surfaces [must differentiate Existing Impervious Surfaces installed after October 22, 2003]
 - (b) Existing impervious surfaces proposed to be replaced;
 - (c) Existing impervious surfaces to be permanently removed and replaced with pervious ground cover;
 - (d) New or additional impervious surfaces; and
 - (e) Percentage of the site covered by impervious surfaces for both the existing and proposed postconstruction conditions.
- (12) The total extent of the upstream area draining through the site.
- (13) All BMPs, conveyances and other stormwater management facilities shall be located on the plan sheets, including design drawings, profile drawings, construction details, materials to be used, description of function, etc.
- (14) Complete delineation of the flow paths used for calculating the time of concentration for the predevelopment and postconstruction conditions shall be included.
- (15) The locations of all existing and proposed utilities, sanitary sewers, on-lot wastewater facilities (including subsurface tanks and leach fields), and water supply lines within the site and within 50 feet beyond the proposed limits of earth disturbance.
- (16) A grading plan, including all areas of proposed earth disturbance and the proposed regulated activity

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and delineating the boundary or limits of earth disturbance of the site. The total disturbed area of the site shall be noted in square feet and acres.

- (17) Proposed final grade elevations and contours at intervals of two feet. In areas of steep slopes greater than 15%, five-foot contour intervals may be used.
- (18) For each proposed BMP and conveyance included in the SWM site plan (including any to be located on any property other than the property being developed by the applicant), the following shall be included on the SWM site plan map or plan sheets:
 - (a) Identification of the person responsible for ongoing inspections, operation, repair, and maintenance of the BMP or conveyance after completion of construction.
 - (b) Delineation of the land area, structures, impervious surfaces, and conveyances draining to and from the BMP or conveyance.
 - (c) Easements, as per the requirements of Article VII, that shall include:
 - [1] Boundaries labeled with distances shown in feet and bearings to the nearest degree;
 - [2] Notes or other documentation, as needed, to grant the municipality the right of access to all BMPs and conveyances for the purposes of inspection and enforcement of the requirements of this chapter, and any applicable O&M plans and O&M agreements;
 - [3] Notes or other documentation, as needed, to grant the municipality the right of access to all roadways necessary to access all BMPs and conveyances, where roadways are not to be dedicated to the municipality;
 - [4] Notes or other documentation as needed to grant the owner of any BMP or conveyance the right of access for the purpose of inspection, operation, maintenance, and repair of the BMP or conveyance that is to be owned, operated and maintained by a person other than the municipality and other than the owner of the property on which the BMP or conveyance is located;
 - [5] A minimum twenty-foot perimeter (or other width as determined in consultation with the Municipal Engineer) around all BMPs and conveyances;
 - [6] Sufficient vehicular ingress to and egress from a public right-of-way or roadway, as determined in consultation with the Municipal Engineer; and
 - [7] Accompanying notes or other documentation as needed, and in accordance with Article VII, describing the type, purpose and total area of easements, whom the easement is granted to, and the rights, duties and obligations of the parties with respect to every BMP or conveyance.
 - (d) Boundaries of land areas (if any) for which deed restrictions are required for the purpose of protecting and prohibiting disturbance to a BMP or conveyance, indicating the area to which the restriction applies with distances shown in feet and bearings to the nearest degree, and a written description of the type, purpose and nature of the restriction.
 - (e) Other items that may be needed to comply with all other requirements of Article VII.
- C. A written description of the following information shall be included in the SWM site plan:
 - (1) Existing features, conditions, natural resources, hydrologic features, and special management areas [as listed in Subsection B(8)];
 - (2) How the site design achieves the requirements of § 195-18, and if applicable, where they could not be achieved and why;
 - (3) The overall stormwater management design concept for the project and how the site design achieves

the requirements of §§ 195-15 through 195-25 of Article III;

- (4) Proposed features and conditions, proposed erosion and sediment control features, proposed BMPs, conveyances, and any other stormwater facilities;
 - (5) A description of the effect of the project (in terms of flow alteration and runoff volumes, water quality and peak flows, etc.) on existing natural resources, hydrologic features and special management areas, adjacent and downgradient properties, and any existing municipal or other stormwater conveyance system(s), that may be affected by or receive runoff from the regulated activity (whether located within or outside of the area of the regulated activity), and specifics of how erosion, water quality and flow impacts will be avoided or otherwise mitigated;
 - (6) Proposed nonpoint source pollution controls and justification and confirmation that the proposed project will not result in any increased pollutant loadings to any existing stream or stream impairment identified by PADEP, or to any receiving water body;
 - (7) Expected project time schedule; and
 - (8) Description of construction stages or project phases, if so proposed.
- (9) A detailed justification must be included in the SWM Site Plan if BMPs other than green infrastructure methods, LID practices, or CD are proposed to achieve the volume, rate, and water quality controls under this chapter.
- D. A detailed site evaluation conducted by a qualified licensed professional for projects proposed in areas of carbonate geology or karst topography, and other environmentally sensitive areas, such as contaminated sites and brownfields, as described in § 195-15O and R of this chapter.
 - E. Stormwater runoff design computations and documentation, such as hydrologic, hydraulic, and structural computations, assumptions, BMP loading ratios, etc., consistent with the guidelines and criteria presented in the PA BMP Manual (as amended) or other guidance acceptable to the Municipal Engineer, and used in the design of the BMPs, conveyances and other features proposed to be utilized for stormwater management, or as otherwise necessary to demonstrate that the requirements of this chapter have been met, specifically including the requirements in §§ 195-15 and 195-18 through 195-23.
 - F. Inspections; operation and maintenance requirements. The following documents shall be prepared and submitted to the municipality for review and approval as part of the SWM site plan, in accordance with the requirements of Article VII, for each BMP and conveyance included in the SWM site plan (including any to be located on any property other than the property being developed by the applicant):
 - (1) An O&M plan;
 - (2) An O&M agreement;
 - (3) Any easement agreements that are needed to ensure access, inspection, maintenance, operation, repair and permanent protection of any permanent BMP(s) and conveyances associated with the regulated activity;
 - (4) Any written deed, deed amendment or equivalent document (if needed) to be recorded against a subject property, as shown on the SWM site plan maps or plan sheets, or recorded plan sheets for the purpose of protecting and prohibiting disturbance to a BMP or conveyance; and
 - (5) Written approval, easement agreements, or other documentation for discharges to adjacent or downgradient properties when required to comply with § 195-15G and Article VII of this chapter.
 - G. An erosion and sediment control plan, where applicable, as prepared for and submitted to the

Conservation District and/or municipality. A letter of adequacy from the Conservation District, if applicable, must be submitted to the municipality prior to (or as a condition of) the municipality's final approval of the SWM site plan.

- H. A highway occupancy permit from the Pennsylvania Department of Transportation (PennDOT) District Office must be submitted to the municipality prior to (or as a condition of) the municipality's final approval of the SWM site plan when utilization of a PennDOT storm drainage system is proposed.

§ 195-298 SWM site plan submission.

A complete SWM site plan that complies with all applicable provisions of § 195-27 shall be submitted to the municipality for review and approval, as follows:

- A. The SWM site plan shall be coordinated with the applicable state and federal permit process and the Municipal SALDO review process. All permit approvals or letters of adequacy not yet received by the applicant at the time of submittal of the SWM site plan to the municipality must be submitted to the municipality prior to (or as a condition of) the municipality's final approval of the SWM site plan.
- B. For projects that require SALDO approval, the SWM site plan shall be submitted by the applicant as part of the preliminary plan submission where applicable for the regulated activity.
- C. For regulated activities that do not require SALDO approval, the SWM site plan shall be submitted by the applicant for review in accordance with instructions from the municipality.
- D. The number of copies of the SWM site plan to be submitted by the applicant for review shall be in accordance with instructions from the municipality.
- E. The corresponding review fee shall be submitted to the municipality simultaneously with the SWM site plan, per the municipality's fee schedule.
- F. Any submissions to the municipality that are found to be incomplete shall not be accepted for review and shall be returned to the applicant within 30 days with a notification in writing of the specific manner in which the submission is incomplete.
- G. Financial security, per the requirements of § 195-10, shall be submitted to the municipality prior to approval of the SWM site plan or as part of the financial security which is posted pursuant to the SALDO.

§ 195-3029 SWM site plan review.

- A. The SWM site plan shall be submitted to the municipality for review by the Municipal Engineer for consistency with this chapter and the respective PA Act 167 stormwater management plan(s). The Municipal Engineer will review the SWM site plan for any subdivision or land development for compliance with this chapter and the Municipal SALDO provisions not otherwise superseded by this chapter.
 - B. If applicable, the applicant shall have received a "letter of adequacy" from the Conservation District or other PADEP approval for the proposed regulated activity prior to (or as a condition of) final approval by the municipality.
 - C. The Municipal Engineer will notify the applicant and the municipality in writing, within 30 calendar days, whether the SWM site plan is consistent with the requirements of this chapter. If the SWM site plan involves a subdivision and land development plan, the notification shall occur within the time period allowed by the MPC (as amended). If a longer notification period is provided by other statute, regulation, or ordinance, the applicant will be so notified by the municipality.
- (1) If the Municipal Engineer determines that the SWM site plan is consistent with this chapter, the Municipal Engineer shall forward a letter of consistency to the municipality, which shall then

forward a copy to the applicant.

- (2) The municipality may approve the SWM site plan with conditions reasonably defined to make the SWM site plan compliant with the terms of this chapter and, if so, shall provide the conditions for approval in writing.
 - (3) If the Municipal Engineer determines that the SWM site plan is inconsistent or noncompliant with this chapter, the Municipal Engineer will forward a letter to the municipality, with a copy to the applicant citing the reason(s) and specific chapter sections for the inconsistency or noncompliance. Inconsistency or noncompliance may be due to inadequate information to make a reasonable judgment as to compliance with this chapter. Any SWM site plans that are inconsistent or noncompliant may be revised by the applicant and resubmitted in accordance with § 195-31 when consistent with this chapter. Resubmission will commence a new municipal review and notification time period.
- D. The municipality will not grant final approval to any proposed subdivision, land development, or regulated activity specified in this chapter if the SWM site plan has been found to be inconsistent with this chapter.
 - E. All required permits from PADEP shall be obtained and submitted to the municipality prior to (or as a condition of) final approval of any proposed subdivision, land development, or other regulated activity by the municipality.
 - F. No building permits for any regulated activity will be approved by the municipality if the SWM site plan has been found to be inconsistent with this chapter, as determined by the Municipal Engineer. All required permits from PADEP shall be obtained prior to issuance of a building permit.
 - G. The municipality's approval of a SWM site plan shall be valid for a period not to exceed five years commencing on the date that the municipality approved the SWM site plan. If stormwater management facilities included in the approved SWM site plan have not been constructed or, if constructed, as-built plans of these facilities have not been approved within this five-year time period, then the applicant may seek reinstatement of approval of the expired SWM site plan. If the municipality determines that the expired SWM site plan is consistent and compliant with current regulations and requirements, then the expired SWM site plan will be reinstated; otherwise, it will be rejected. The applicant will be prohibited from conducting any regulated activity until a reinstated or newly approved SWM site plan is obtained in accordance with § 195-31 of this chapter.
 - H. All or portions of the final approved SWM site plan shall be recorded (as "record plans") per the instructions of the municipality.
 - I. Upon completion of construction, the applicant shall be responsible for completing final as-built plans of all BMPs, conveyances, or other stormwater management facilities included in the approved SWM site plan as per the requirements of § 195-33 of this chapter.
 - J. For any SWM Site Plan that proposes to use any BMPs other than green infrastructure, LID practices, or CD to achieve the volume and rate controls required under this chapter, the Municipality will not approve the SWM Site Plan unless it determines that green infrastructure, LID practices, and CD are not practicable.

§ 195-310 Revision of SWM site plans.

- A. A submitted SWM site plan under review by the municipality shall be revised and resubmitted for any of the following reasons; the revised SWM site plan shall be resubmitted in accordance with § 195-28 and subject to review as specified in § 195-29 of this chapter:
 - (1) A change in stormwater management BMPs, conveyances, facilities or techniques;

- (2) Relocation or redesign of stormwater management BMPs, conveyances, or facilities; or
 - (3) Soil or other site conditions are not as stated on the SWM site plan as determined by the Municipal Engineer, and the new conditions necessitate design changes.
- B. A revision to an approved SWM site plan shall be submitted to the municipality, accompanied by the applicable municipal review fee.

§ 195-342 Resubmission of inconsistent or noncompliant SWM site plans.

Any SWM site plan deemed inconsistent or noncompliant may be revised and resubmitted with the revisions addressing the Municipal Engineer's concerns documented in writing. The submission shall be addressed to the municipality in accordance with § 195-28 of this chapter, distributed accordingly, and be subject to review as specified in § 195-29 of this chapter. The applicable municipal review fee shall accompany a resubmission of a SWM site plan previously determined to be inconsistent or noncompliant.

Article V

Performance and Inspection of Regulated Activities; Final As-Built Plans

§ 195-332 Performance and inspection of regulated activities.

- A. All regulated activities shall be conducted, operated and maintained in accordance with the requirements set forth in Articles III, VII, and VIII of this chapter. When a SWM site plan is required by this chapter, all regulated activities shall be performed in accordance with the requirements of the final approved SWM site plan.
- B. The Municipal Engineer or other municipal designee shall be provided access to the site to inspect all phases of the erosion and sediment control measures and installation of the permanent BMPs and conveyances at such times as deemed appropriate by the Municipal Engineer or other municipal designee.
- C. Periodic inspections may be made by the Municipal Engineer or other designee during construction. A set of design plans approved by the municipality shall be on file and available for viewing at the site throughout the duration of the construction activity.
- D. Inspections, including but not limited to a final inspection, of all constructed BMPs, conveyances, or other stormwater facilities, and related improvements may be conducted by the Municipal Engineer or other designee to confirm compliance with this chapter and with the final approved SWM site plan prior to the issuance of any occupancy permit, use permit, or other form of final approval of the project by the municipality.
- E. If an NPDES Permit for Stormwater Discharges Associated with Construction Activities was required for the Regulated Activity, a Notice of Termination (NOT) approval must be obtained upon completion of construction prior to final approval of the project by the municipality.
- ~~F.~~ Upon completion of construction, every permanent stormwater BMP, conveyance or other stormwater Management facility constructed or used as part of the regulated activity shall be operated, maintained and inspected by the landowner, or other designated person, in accordance with the O&M plan and O&M agreement approved by the municipality.
- ~~G.~~ The municipality or its designee may periodically inspect any permanent stormwater BMP, conveyance or Stormwater Management facility for compliance with this chapter, an approved O&M plan, or an approved O&M agreement, per the provisions of Article IX. The municipality may inspect at any time it has reason to believe a violation exists. The municipality may pursue enforcement for violations consistent with the provisions of Article IX.

§ 195-343 Final as-built plans.

- A. For regulated activities involving one acre or more of earth disturbance, the applicant shall provide to the municipality final as-built plans (signed and sealed by a qualified licensed professional) of all BMPs, conveyances, other stormwater facilities and related improvements shown in the final

approved SWM site plan.

- B. The final as-built plans shall include the following for all BMPs, conveyances, other stormwater facilities and related improvements:
- (1) The location, elevations, dimensions, and as-built conditions of all BMPs, conveyances, other stormwater facilities and related improvements, including topographic contours and all typical details for storm drainage and conveyance systems, stormwater management facilities and impervious surfaces (existing, proposed, or constructed) included in the approved SWM site plan, [The latitude and longitude coordinates for all permanent SWM BMP must also be submitted at the central location of the BMPs;](#) and
 - (2) Explanation of any discrepancies or variations from the final approved SWM site plan, other related approved construction plans, calculations and specifications (and approved revisions thereto).
- C. The final as-built plans shall include a certification of completion signed and sealed by a qualified licensed professional verifying that all permanent BMPs and conveyances have been constructed according to the final approved SWM site plan and related approved construction plans, calculations and specifications.
- D. All areas of the regulated activity draining to BMPs must be stabilized prior to submittal of the as-built plans.
- E. After receipt of the as-built plans by the municipality, the municipality or its designee may review the as-built plans for consistency with this chapter, the final approved SWM site plan, other related approved construction plans, and subsequent approved revisions thereto, as well as actual conditions at the site, and the municipality may conduct a final inspection, as per § 195-32D.
- F. The as-built plans must be received, reviewed and determined to be acceptable by the municipality prior to release of the financial security or other performance guarantee.
- G. Final occupancy permit(s) or use permit or other final approval to use or operate the constructed improvement may not be issued by the municipality until the final as-built plans have been accepted.
- H. Upon final acceptance of the final as-built plans by the municipality, the applicant shall review and, if required by the municipality, revise and rerecord the O&M plan and the O&M agreement to reflect the final as-built conditions and information for each permanent BMP or conveyance, in accordance with the requirements of Article VII.
- I. All or portions of the final as-built plans shall be recorded if required by the municipality.

Article VI

Fees and Expenses

§ 195-354 Site plan review and inspection fees established.

The Board of Supervisors, by resolution, shall establish a schedule of fees for all applications submitted and inspections performed under this chapter. The applicant shall also be responsible for reimbursing the municipality for all of the municipality's costs incurred in reviewing the application and accompanying plans and documents, including the Township Engineer and Solicitor fees. The cost of inspections will be billed to the applicant as inspections are completed at a rate as set forth from time to time by resolution of the Board of Supervisors.

§ 195-365 Expenses covered by fees.

- A. The fees required of the applicant by this chapter shall, at a minimum, cover:
- (1) Administrative costs;
 - (2) The review of the SWM site plan by the municipality, the Municipal Engineer and other municipal

- consultants;
- (3) Coordination and meetings with the applicant;
 - (4) The inspection of erosion and sediment control measures, BMPs, conveyances and other related improvements during construction;
 - (5) Review of project communications, reports, and additional supporting information;
 - (6) Other site inspections;
 - (7) The final inspection upon completion of the BMPs, conveyances, and other stormwater management facilities and related improvements presented in the SWM site plan; and
 - (8) Review of final as-built plan submission and revised calculations, and inspections as needed.
- B. The applicant shall also reimburse all expenses incurred by the municipality for any additional work or municipal consultant fees required to enforce any permit provisions regulated by this chapter, correct violations, and ensure proper completion of remedial actions.

Article VII

Operation and Maintenance (O&M) Responsibilities and Easements

§ 195-376 General requirements for protection, operation and maintenance of stormwater BMPs and conveyances.

The following shall apply to all regulated activities in accordance with the requirements of the subsequent sections of this Article VII:

- A. Continuing operations and maintenance responsibilities of all permanent BMPs, conveyances, or other stormwater management facilities shall be reviewed and approved by the municipality along with the SWM site plan. The municipality may require an offer of a dedication of such facilities as part of the requirements for approval of the SWM site plan. Such a requirement is not an indication that the municipality will accept the facilities. The municipality reserves the right to accept or reject the operations and maintenance responsibility for any portion of or all of the BMPs, conveyances or other stormwater controls and facilities.
- B. An operation and maintenance (O&M) plan shall be submitted to the municipality for review and approval for all existing and proposed permanent BMPs and man-made conveyances or other stormwater facilities identified in the SWM site plan. Multiple BMPs or conveyances may be addressed by a combined O&M plan where all such facilities are similar in O&M requirements and ownership.
- C. The O&M plan(s) and O&M agreement(s) shall name the person identified in the SWM site plan who shall be the owner of and be responsible for ongoing inspections, operation, repair, and maintenance of each BMP or conveyance following completion of construction.
- D. For any BMP or man-made conveyance (including any to be located on any property other than the property being developed by the applicant) to be owned by a person other than the municipality:
 - (1) An O&M agreement shall be submitted to the municipality for review and approval; and
 - (2) The O&M plan shall be attached to, incorporated within, and recorded as a public record along with a fully executed O&M agreement, all of which shall be recorded as a restrictive covenant that runs with the land and shall be binding upon the landowner and any heirs, administrators, successors in interest or assigns of the landowner.
- E. The following shall be provided for all BMPs and conveyances (including any to be located on any property other than the property being developed by the applicant) by an O&M or other agreement

or by otherwise establishing covenants, easements, or deed restrictions or by dedication to the municipality:

- (1) Permanent protection of the BMP or conveyance from disturbance or alteration;
- (2) Right of entry and access for the municipality for inspection and enforcement of this chapter (including § 195-47G) and any applicable O&M plan or O&M agreement; and
- (3) Right of entry and access for the person owning the BMP or conveyance and responsible for fulfilling the O&M requirements when that person is not the municipality and is different from the owner of the property on which the BMP or conveyance is located (such as may be applicable for § 195-15G of this chapter).

F. All O&M and other agreements, covenants, easements and deed restrictions shall:

- (1) Be submitted to the municipality for review and approval;
- (2) Be recorded as a public record, upon approval, against each parcel(s) which is part of the SWM site plan or otherwise contains any BMP or conveyance comprising part of the regulated activity which is the subject of an O&M agreement; and
- (3) Run with the land and be binding upon the landowner, its heirs, administrators, successors in interest, and assigns.

G. The materials, documents and content required by this Article VII may be prepared in conjunction with and incorporated with similar materials, documents and content required for other permit or approval applications, such as those required by PADEP for the postconstruction stormwater management plan.

§ 195-387 Operation and maintenance plans.

The following items shall be included in the O&M plan, unless otherwise approved by the Municipal Engineer:

- A. A plan sheet(s) or map(s) showing each BMP and man-made conveyance and which shall include, but not be limited to:
 - (1) Property(ies) identification (owner name and address; and property address and/or lot and/or tax parcel number, etc.), property boundaries and tax parcel number of the land parcel on which the BMP or conveyance is located.
 - (2) Name, address, phone number, date prepared, signature and seal of the licensed professional responsible for preparation of the plan sheet or map.
 - (3) Clear identification of the location, dimensions, and function of each BMP or conveyance covered by the O&M plan.
 - (4) The location of each BMP and conveyance relative to roadways, property boundaries, or other identifiable landmarks and existing natural drainage features such as streams, lakes, ponds, or other bodies of water within the immediate vicinity of, or receiving discharge from, the BMP or conveyance.
 - (5) Delineation of the land area, structures, impervious surfaces and conveyances draining to and from the BMP.
 - (6) Representative elevations and/or topographic contours at intervals of two feet, or other as acceptable to the Municipal Engineer.
 - (7) Other features, including FEMA floodplain and floodway boundaries, sinkholes, etc., located within

the immediate proximity of each BMP and conveyance.

- (8) Locations of areas of vegetation to be managed or preserved that function as a BMP or conveyance.
 - (9) The locations of all surface and subsurface utilities, on-lot wastewater facilities, sanitary sewers, and waterlines within 20 feet of each BMP or conveyance.
 - (10) The following as it pertains to any easements, covenants and deed restrictions established for each applicable BMP or conveyance:
 - (a) Boundaries delineated with bearings and distances shown that encompass the BMP or conveyance and that includes a twenty-foot perimeter area surrounding these features and sufficient vehicular ingress to and egress from a public right-of-way and roadway;
 - (b) Labels specifying the type and purpose of the easement, covenant, or deed restriction and whom it benefits; and
 - (c) Labels with reference to any corresponding easement agreement, covenant, deed restriction or other document to be recorded.
 - (11) The plan sheet or map shall be prepared at sufficient scale for municipal review, and ultimately for the use by the person responsible for operation and maintenance, and shall also be prepared at a legible scale that meets the requirements for recordation along with (and as an attachment to) the O&M agreement and O&M plan at the Chester County Office of the Recorder of Deeds.
- B. The following information shall be included in the O&M plan and written in a manner consistent with the knowledge and understanding of the person who will be responsible for the maintenance activities:
- (1) The name and address of the following:
 - (a) Property(ies) on which each BMP or conveyance is located;
 - (b) Owner of the property;
 - (c) Owner of each stormwater BMP or conveyance who is responsible for implementation of the O&M plan;
 - (d) Person responsible for maintaining adequate liability insurance and payment of taxes; and
 - (e) Person preparing the O&M plan.
 - (2) A description of each BMP and conveyance and how the BMPs and conveyances are intended to function.
 - (3) A description of actions necessary to operate, inspect, and maintain each BMP or conveyance, including but not limited to:
 - (a) Lawn care, vegetation maintenance, landscaping and planting;
 - (b) Cleanout of accumulated debris and sediment (including from grates, trash racks, inlets, etc.); and
 - (c) Other anticipated periodic maintenance and repair.
 - (4) The following statement shall be included:

"The landowner acknowledges that, per the provisions of the East Goshen Township Stormwater Management Ordinance, it is unlawful to modify, remove, fill, landscape, alter or impair the effectiveness of, or place any structure, other vegetation, yard waste, brush cuttings, or other waste

or debris into any permanent stormwater management BMP or conveyance described in this O&M plan or to allow the BMP or conveyance to exist in a condition which does not conform to this O&M plan, without written approval from the Township."

- (5) Inspection and maintenance schedules.
- (6) Explanation of the purpose and limitations of any easements, covenants, or deed restrictions associated with any BMP or conveyance that are to be recorded against the property.
- C. A statement that no BMP or man-made conveyance may be used by the owner or others for any purpose other than its intended stormwater control function, or if approved by the Municipal Engineer, a statement of specific allowable uses of the BMP (i.e., recreational benefits that maybe associated with certain BMPs owned by a homeowners' association, or allowable uses by an individual residential landowner).
- D. A statement that establishes a reasonable time frame for remedy of deficiencies found by the owner during its inspections.
- E. Language needed to fulfill the requirements of § 195-40B, C and D of this chapter.

§ 195-398 **Operation and maintenance agreements.**

- A. An O&M agreement shall be required for any BMP or man-made conveyance to be owned by a person other than the municipality, and the agreement shall:
 - (1) Be between the owner of the BMP or conveyance and the municipality and shall be substantially the same as the O&M agreement in Appendix E;
 - (2) Incorporate the approved O&M plan(s) for all BMPs or conveyances to be covered by the O&M agreement;
 - (3) Set forth the rights, duties and obligations of the owner of the BMP or conveyance and the municipality and be consistent with the approved O&M plan(s);
 - (4) Be recorded as a deed restriction or restrictive covenant that runs with the land and shall be binding upon the landowner, its heirs, administrators, successors in interest, and assigns;
 - (5) Be submitted to the municipality for review prior to approval of the SWM site plan;
 - (6) Upon approval by the municipality, be signed by the designated owner of the BMP or conveyance and submitted for signature by the municipality; and
 - (7) When fully executed, be recorded by the landowner at the Chester County Office of the Recorder of Deeds following municipal approval of the O&M plan and prior to the start of construction.
- B. Other items or conditions may be required by the municipality to be included in the O&M agreement where determined necessary by the municipality to guarantee the satisfactory operation and maintenance of all permanent BMPs and conveyances.
- C. After approval of the final as-built plans per the requirements of Article V, the applicant shall review and, if necessary and if required by the municipality, revise and rerecord the O&M plan and O&M agreement to reflect the final as-built conditions of each BMP and conveyance if different from the information included in the original recorded documents.

§ 195-4039 **Easements and deed restrictions.**

- A. Easements shall be established in connection with any regulated activity for all permanent BMPs and conveyances that will not be dedicated to or otherwise owned by the municipality (including any to be located on any property other than the property being developed by the applicant) and shall:

- (1) Include all land area occupied by each BMP or conveyance;
- (2) Include a twenty-foot-wide perimeter (or other width as determined in consultation with the Municipal Engineer) surrounding the feature(s);
- (3) Provide sufficient vehicular ingress and egress from a public right-of-way and roadway;
- (4) Permanently protect every BMP and conveyance from disturbance or alteration where not otherwise protected by a recorded O&M agreement, covenant, deed restriction or other means;
- (5) Grant the municipality the right, but not the duty, to access every BMP and conveyance from a public right-of-way or public roadway to conduct periodic inspections and to undertake other actions that may be necessary to enforce the requirements of this chapter or of any applicable O&M plan or O&M agreement; where roadways will not be dedicated to the municipality, the municipality shall be granted access to the private roadways as necessary to access every BMP and conveyance;
- (6) Grant the owner of each BMP and conveyance the right to access, inspect, operate, maintain, and repair the BMP or conveyance when the feature is to be owned, operated and maintained by a person other than the municipality and other than the owner of the parcel on which it is located;
- (7) Be shown, with bearings and distances noted, on the SWM site plan map/plan sheets, O&M plan map/plan sheets, final as-built plans, and be signed and sealed by a qualified licensed professional;
- (8) Include language legally sufficient to ensure that the easement shall run with the land and bind the landowner granting the easement, its heirs, administrators, successors in interest and assigns, into perpetuity; and
- (9) Be recorded at the Chester County Office of the Recorder of Deeds following municipal approval and prior to the start of construction.

B. For any BMP or Conveyance to be owned by a person other than the Municipality or the Landowner owning the parcel upon which a BMP or Conveyance is located, an easement agreement shall be prepared and executed between the Landowner and the owner of the BMP or Conveyance which shall:

- (1) Describe the ownership interests of all parties to the easement agreement, including the ownership of the BMP or Conveyance;
- (2) Include a written legal (metes and bounds) description of the easement area, with reference to a recorded plan sheet showing the legal boundaries of the easement area (or an accompanying plan sheet/map), signed, and sealed by a qualified Licensed Professional;
- (3) Grant an easement from the Landowner to the owner of each BMP and Conveyance, establishing the right and obligation to occupy, access, inspect, operate, maintain, and repair the BMP or Conveyance;
- (4) Include a description of the purpose of the easement and the responsibilities of the parties involved;
- (5) Incorporate by reference or be recorded with, the corresponding O&M Plan and O&M Agreement;
- (6) Restrict the Landowner's use of the easement area of the parcel on which the BMP or Conveyance is located, consistent with the rights granted to the owner of the BMP or Conveyance;
- (7) Be submitted to the Municipality for review and approval prior to approval of the SWM Site Plan;
- (8) Upon approval by the Municipality, be signed by the owner of the BMP(s) or Conveyance(s) and the Landowner and submitted for signature by the Municipality;

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(9) Include language legally sufficient to ensure that the easement will run with the land affected by the easement and that the easement agreement is binding upon the parties to the easement agreement, their heirs, administrators, successors in interest and assigns, into perpetuity;

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(10) Contain additional provisions or information as required by the Municipality; and

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(11) When fully executed, be recorded by the Landowner at the Chester County Office of the Recorder of Deeds against all parcels affected by the terms of the easement agreement, within five days of the Municipality's approval of the corresponding O&M Plan.

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B.C. For any BMP or conveyance which is designed to receive runoff from another parcel or parcels and which is owned by the landowner of the parcel upon which the BMP or conveyance is located, in addition to any easement or easement agreement required pursuant to Subsection A, an easement agreement shall be prepared and executed between the landowner of the parcel or parcels draining to the BMP or conveyance and the owner of the BMP or conveyance. This easement agreement shall:

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(1) Describe the ownership interests of all parties to the easement agreement, including the ownership of all affected parcels and of the BMP or conveyance;

(2) Provide for the grant of a drainage easement from the owner of the BMP or conveyance to the landowner of the parcel(s) draining to the BMP, which shall extend from the shared parcel boundary(ies) to the receiving BMP and shall include the connecting flow path(s) or conveyance;

(3) Include a written legal (metes and bounds) description of the easement area, with reference to a recorded plan sheet showing the legal boundaries of the easement area (or an accompanying plan sheet/map), signed and sealed by a licensed professional.

(4) Incorporate by reference or be recorded with the corresponding O&M plan and O&M agreement;

(5) State that the purpose of the easement agreement is to ensure the continuous right of the discharging parcel to discharge onto the parcel containing the BMP and into the BMP or conveyance;

(6) Restrict the BMP or conveyance owner's use of the easement area of the parcel upon which the BMP or conveyance is located, consistent with the purpose of the easement granted;

(7) Establish the duty and responsibility of the landowner of the parcel or parcels draining to the BMP or conveyance to maintain the existing drainages on the discharging parcel or parcels as designed and constructed to discharge to the receiving BMP;

(8) Include language legally sufficient to ensure that the easement will run with the land and will bind all parties to the easement agreement, their heirs, administrators, successors in interest and assigns, into perpetuity;

(9) Be submitted to the municipality for review and approval prior to approval of the SWM site plan;

(10) Contain all additional provisions or information as the municipality may require upon review; and

(11) Be executed by the parties to the easement agreement and recorded at the Chester County Recorder of Deeds Office against the draining parcel(s) and the parcel upon which the BMP or conveyance is located within five days of the municipality's approval of the corresponding O&M plan.

D.E. For any area(s) shown on the SWM site plan maps/plan sheets or as-built plan sheets as requiring, or area(s) that is otherwise determined to require, deed restriction(s) for the purpose of protecting and prohibiting disturbance to a BMP or conveyance, such deed restrictions will be incorporated into a written deed, restrictive covenant, or equivalent document. The deed or other document shall:

(1) Include a clear and understandable description of the purpose, terms and conditions of the restricted use;

- (2) Include the written legal description (metes and bounds description) of the area to which the restrictions apply that is consistent with the boundary shown on the O&M plan sheets and SWM site plan maps/plan sheets;
- (3) Make reference to any corresponding O&M plan(s) and O&M agreement(s);
- (4) Include language legally sufficient to ensure that the terms of the restriction run with the land and shall be binding upon the landowner, its heirs, administrators, successors in interest, and assigns;
- (5) Be submitted to the municipality for review and approval prior to approval of the SWM site plan;
- (6) Upon approval by the municipality, be signed by the landowner and owner of the BMP or conveyance and submitted to the municipality; and
- (7) Be fully executed and recorded at the Chester County Office of the Recorder of Deeds within five days of the municipality's approval of the O&M plan.

§ 195-410 Other postconstruction responsibilities.

- A. The provisions of § 195-44 of this chapter shall apply to any permanent BMP or conveyance that is constructed as part of an approved SWM site plan or covered by an approved O&M plan.
- B. The person responsible for the operation and maintenance of a BMP or conveyance shall make records of the installation and of all maintenance and repairs and shall retain the records for at least two years. A copy of such records shall be submitted to the municipality.
- C. Upon final inspection, the municipality shall inform the person responsible for the operation and maintenance whether the submission of periodic (annual or other frequency) inspection and maintenance reports will be required.
- D. The owner of each BMP and conveyance shall keep on file with the municipality the name, address, and telephone number of the person responsible for maintenance activities and implementation of the O&M plan. In the event of a change, new information shall be submitted by the BMP or conveyance owner to the municipality within 10 days of the change.

NOTE TO EDITOR: The Municipality should select one of two options for Section 706.

Option 1 is for Municipalities who elect to conduct inspections of BMPs for proper O&M themselves and requires persons responsible for the O&M of BMPs to pay into a fund to cover the cost of inspections and any maintenance the Municipality undertakes. This option is similar to the optional Section 706 included in the 2013 Countywide Model Stormwater Ordinance with additional language modified from the 2022 DEP Model Stormwater Ordinance regarding inspection frequencies and reporting.

Option 2 is for Municipalities who elect to place the responsibility of inspections of BMPs on the responsible party. The language in this option is from the 2022 PADEP Model Stormwater Ordinance.

The Municipality may choose to develop their own version of this section that is a modified version of one of the two options, as long as the inspection frequencies and reporting requirements are consistent with the PADEP 2022 Model Stormwater Ordinance. For example, a municipality may elect to conduct inspections themselves but without implementing an O&M Fund. This should be done in coordination with the Municipal Engineer and Solicitor.

This section should be carefully reviewed by the Municipality's Solicitor prior to use – municipality enabling legislation may or may not be interpreted by the Municipality's solicitor to permit the provided for funding.

§ 195-42 Municipal Stormwater Control and BMP Operation and Maintenance Fund and Inspection and BMP Operations and Maintenance Requirements (OPTION 1)

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Commented [MT3]: We should have a longer discussion on this option. The code currently does not seem to include some of the recommended sections from the prior code amendment. However, we know East Goshen has a robust O&M/inspection program. Would appreciate Duane's opinion on which option most closely fits their current procedures.
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A. The municipality shall inspect SWM BMPs, facilities and/or structures installed under this Ordinance according to the following frequencies, at a minimum, to ensure the BMPs, facilities and/or structures continue to function as intended. Persons installing stormwater controls or BMPs shall be required to pay a specified amount to the Municipal Stormwater Control and BMP Operation and Maintenance Fund to help cover the costs of periodic inspections and maintenance expenses. This is to be paid in a manner specified by the Municipality. The amount of the deposit shall be determined as follows:

1. If the BMP or Conveyance is to be privately owned and maintained, the deposit shall cover the cost of periodic inspections performed by the Municipality, as estimated by the Municipal Engineer, for a period of [Municipality to insert, e.g., ten (10) or twenty-five (25)] () years, at the following minimum frequencies:
 - 1) Annually for the first 5 years.
 - 2) Once every 3 years thereafter.

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NOTE TO EDITOR: Municipalities with an NPDES MS4 permit must include the following inspection requirement for all BMPs inspected by the Municipality or the Municipal Engineer. This section is optional for Municipalities who do not have an NPDES MS4 permit.

- 3) During or immediately after the cessation of a 25-year or greater storm, as determined by the Municipal Engineer.

NOTE TO EDITOR: The Municipality may choose to include the following language to allow the Municipal Engineer to request that a landowners or the landowner's designee conduct additional inspections after 10-year or greater storm events:

- 4) The Municipal Engineer may request that the landowners or landowner's designee submit an inspection report after the cessation of a 10-year or greater storm event if there is reason to believe that a BMP has sustained damage that impacts its ability to function as designed and if the BMP's failure would result in damage to downgradient properties.

2. If the BMP or Conveyance is to be owned and maintained by the Municipality, the deposit shall cover the estimated costs for maintenance and inspections for [Municipality to insert, e.g., ten (10) or twenty-five (25)] () years. The Municipality will establish the estimated costs utilizing information submitted by the Applicant. Inspections shall be conducted at the minimum frequencies listed in above referenced section.

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3. The above referenced inspections shall be conducted during or immediately following precipitation events or in dry weather conditions if the BMP design parameters include dewatering within a specified period of time. A written inspection report shall be created to document each inspection. The inspection report shall contain the date and time of the inspection, the individual(s) who completed the inspection, the location of the BMP, Stormwater Management Facility or structure inspected, observations on performance, and recommendations for improving performance, if applicable.

4. The amount of the deposit to the fund shall be converted to present worth of the annual series values. The Municipality shall determine the present worth equivalents, which shall be subject to the approval of the Governing Body.

B. If a BMP or Conveyance is proposed that also serves as a recreational facility (e.g., ball field or lake), the Municipality may reduce or waive the amount of the maintenance fund deposit based upon the value of the land for public recreational purpose.

C. If at some future time, a BMP or Conveyance (whether publicly or privately owned) is eliminated due to the installation of storm sewers or other storage facility, the unused portion of the maintenance fund

deposit will be applied to the cost of abandoning or demolishing the facility and connecting to the storm sewer system or other facility. Any amount of the deposit remaining after the costs of abandonment or demolition will be used for inspection, maintenance, and operation of the receiving stormwater management system.

D. If a BMP or Conveyance is accepted by the Municipality for dedication, the Municipality may require persons installing the BMP or Conveyance to pay a specified amount to the Municipal Stormwater Control and BMP Operation and Maintenance Fund to help cover the costs of operations and maintenance activities. The amount may be determined as follows:

1. The amount shall cover the estimated costs for operations and maintenance for [Municipality to insert, e.g., ten (10) or twenty-five (25)] () years, as determined by the Municipality, and
2. The amount shall then be converted to present worth of the annual series values.

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E. The Municipality may require Applicants to pay a fee to the Municipal Stormwater Control and BMP Operation and Maintenance Fund to cover:

1. Inspections
2. Long-term maintenance of BMP(s) or Conveyance(s), and
3. Stormwater-related problems which may arise from the land development and Earth Disturbance.

OR

§ 195-42 – Inspection and BMP Operation and Maintenance Requirements (Landowner or Owner's Designee) (OPTION 2)

The landowner or the owner's designee shall inspect SWM BMPs, facilities and/or structures installed under this Ordinance according to the following frequencies, at a minimum, to ensure the BMPs, facilities and /or structures continue to function as intended:

1. Annually for the first 5 years.
2. Once every 3 years thereafter.
3. During or immediately after the cessation of a 10-year or greater storm, as determined by the Municipal Engineer. Inspection reports for inspections during or after the cessation of a 10-year or greater storm event are only required to be submitted if requested by the Municipality or Municipal Engineer.

Inspections should be conducted during or immediately following precipitation events or in dry weather conditions if the BMP design parameters include dewatering within a specified period of time. A written inspection report shall be created to document each inspection. The inspection report shall contain the date and time of the inspection, the individual(s) who completed the inspection, the location of the BMP, Stormwater Management Facility, or structure inspection, observations on performance, and recommendations for improving performance, if applicable. Inspection reports for annual and triennial inspections shall be submitted to the Municipality within 30 days following completion of the inspection.

Prohibitions

§ 195-434 Prohibited discharges applicable to all Township properties.

- A. Any drain or conveyance, whether on the surface or subsurface, that allows any nonstormwater discharge including sewage, process wastewater, and wash water to enter the municipality's separate storm sewer system, Riparian Buffers, wetlands, or other the wWaters of the commonwealth is prohibited.
- B. No person shall allow, or cause to allow, discharges into the municipality's separate storm sewer system or the waters of the commonwealth that are not composed entirely of stormwater, except:
- (1) As provided in Subsection C below; and
 - (2) Discharges allowed under a state or federal permit.
- C. The following discharges are authorized unless they are determined by the municipality to be significant contributors to pollution to the municipality's separate storm sewer system or to the waters of the commonwealth:
- (1) Discharges from firefighting activities;
 - (2) Potable water sources, including waterline and fire hydrant flushings, if such discharges do not contain detectable concentrations of Total Residual Chlorine (TRC);
 - (3) Non-contaminated irrigation drainage water;
 - (4) A Non-contaminated HVAC condensation and water from geothermal sstemsir-conditioning condensate;
 - (5) Springs;
 - (6) Water from crawl space pumps;
 - (7) Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spill material has been removed) and where detergents are not used;
 - (8) Diverted stream flows;
 - (9) Flows from riparian habitats and wetlands;
 - (10) Uncontaminated water from foundations or from footing drains;
 - (11) Lawn watering;
 - ~~(12) Dechlorinated swimming pool discharges;~~
 - (123) Uncontaminated groundwater;
 - (134) Residual (i.e., not commercial) vehicle wash water where cleaning agents are not utilized ~~Water from individual residential car washing; ; and~~
 - (145) Routine external building washdown (which does not use detergents or other compounds); and
 - (15) Non-contaminated hydrostatic test water discharges, if such discharges do not contain detectable concentrations of TRC. ;
- D. In the event that the municipality determines that any of the discharges identified in Subsection C significantly contribute pollutants to the municipality's separate storm sewer system or to the waters

of the commonwealth, or is notified of such significant contribution of pollution by PADEP, the municipality will notify the responsible person to cease the discharge.

- E. Upon notice provided by the municipality under Subsection D, the discharger shall, within a reasonable time period, as determined by the municipality consistent with the degree of pollution caused by the discharge, cease the discharge.
- F. Nothing in this section shall affect a discharger's responsibilities under state law.

§ 195-442 Prohibited connections applicable to all Township properties.

The following connections are prohibited, except as provided in § 195-41C above:

- A. Any drain or conveyance, whether on the surface or subsurface, that allows any nonstormwater discharge, including sewage, process wastewater, and wash water, to enter a separate storm sewer system, and any connections to the separate storm sewer system from indoor drains and sinks. Any drain or Conveyance that delivers non-stormwater discharges directly into wetlands, Riparian Buffer, or other Waters of the Commonwealth is prohibited.
- B. Any drain or conveyance connected from a commercial or industrial land use to a separate storm sewer system, which has not been documented in plans, maps, or equivalent records and approved by the municipality.

§ 195-436 Roof drain and sump pump provisions applicable to all Township properties.

- A. Roof drains and sump pump discharges shall not be connected to sanitary sewers.
- B. Roof drain, sump pump, foundation and footing drain discharges:
 - (1) To the maximum extent practicable, shall discharge to infiltration or vegetative BMPs or to vegetated or other areas with adequate capacity;
 - (2) May be connected to streets, storm sewers, or roadside ditches only if determined necessary or acceptable by the Municipal Engineer; and
 - (3) Shall be considered in stormwater management calculations to demonstrate that conveyance and receiving facilities have adequate capacity.

§ 195-474 Alteration of BMPs.

- A. No person shall modify, remove, fill, landscape, alter, or impair the effectiveness of any stormwater BMPs, conveyances, Stormwater Management facilities, areas or structures, unless the activity is part of an approved maintenance program, without the written approval of the municipality.
- B. No person shall place any structure, fill, landscaping, additional vegetation, yard waste, brush cuttings, or other waste or debris into a BMP or conveyance, or within a stormwater easement, that would limit or alter the functioning of the stormwater BMP or conveyance, without the written approval of the municipality.

Article IX

Enforcement; Violations and Penalties

§ 195-485 Public nuisance.

- A. Any regulated activity conducted in the violation of any provision of this chapter is hereby deemed a public nuisance.
- B. Each day that a violation continues shall constitute a separate violation.
- C. A separate violation will be found to exist for each section of this chapter found to have been violated.

- D. To the extent that the municipality does not enforce any provision of this chapter, such action or inaction shall not constitute a waiver by the municipality of its rights of future enforcement hereunder.

§ 195-496 **Right of entry.**

- A. Upon presentation of proper credentials, duly authorized officers or agents of the municipality may enter at reasonable times upon any property within the municipality to inspect the implementation, condition, or operation and maintenance of all erosion and sediment controls and permanent stormwater BMPs, conveyances, or other ~~s~~stormwater ~~f~~Management ~~f~~Facilities both during and after completion of a regulated activity or for compliance with any requirement of this chapter.
- B. Persons working on behalf of the municipality shall have the right to temporarily locate on or in any BMP, conveyance or other ~~s~~stormwater ~~f~~Management ~~f~~Facility in the municipality such devices as are necessary to conduct monitoring and/or sampling of the discharges from such BMP or conveyance or other stormwater facilities.
- C. Failure of the landowner or representative to grant access to the municipality within 24 hours of notification, verbal or written, is a violation of this chapter.

§ 195-5047 **Enforcement.**

- A. The Township Manager or other designee is hereby authorized and directed to enforce all of the provisions of this chapter. The Township Manager may delegate enforcement duties, including the initial determination of ordinance violation and service of notice, if notice is given, to such other officers or agents as the Township Manager shall deem qualified for that purpose.
- B. It shall be the responsibility of the landowner of the real property on which any regulated activity is proposed to occur, is occurring, or has occurred to comply with the applicable terms and conditions of this chapter.
- C. All municipal inspections for compliance with the approved SWM site plan shall be the responsibility of the municipality or its designee.
- D. During any stage of the work of any regulated activity, if the Municipal Engineer or other designee determines that the erosion and sediment control measures, permanent BMPs, conveyances or other stormwater facilities are not being installed or maintained in accordance with the approved SWM site plan, the municipality may suspend or revoke any existing permits or other approvals until the deficiencies are corrected or until a revised SWM site plan is submitted and approved, if and as determined to be necessary by the Municipal Engineer or other designee.
- E. In the event that the Township Manager or other designee finds that a person has violated a provision of this chapter, or fails to conform to the requirements of any permit or approval issued by the municipality, or any O&M plan or O&M agreement approved by the municipality, the municipality may order compliance by written notice of the violation to the landowner.
- F. Such notice may, without limitation, require the following remedies:
 - (1) Performance of monitoring, analyses, and reporting;
 - (2) Elimination of prohibited connections or discharges;
 - (3) Cessation of any violating discharges, practices, or operations;
 - (4) Abatement or remediation of stormwater pollution or contamination hazards and the restoration of any affected property;
 - (5) Payment of a fine to cover administrative and remediation costs and/or forfeiture of financial security;

- (6) Implementation of stormwater controls, BMPs, and conveyances; and
 - (7) Operation, maintenance or repair of BMPs, conveyances or other stormwater facilities.
- G. Such notice shall set forth the nature of the violation(s), citing to specific sections of this chapter which have not been met, and establish a time limit for commencement of correction and completion of correction of the violation(s). The notice shall provide for a right of the landowner's appeal to the Stormwater Management Appeals Board in accordance with § 195-50 of this chapter. Said notice shall further advise that, if applicable, should the violator fail to take the required action within the established deadline, possible sanctions, clearly described, may be imposed, or the work may be done by the municipality or designee, and the expense thereof shall be charged to the violator.
- H. Failure to comply within the time specified in such notice shall also subject such person to the penalty provisions of this chapter. All such penalties shall be deemed cumulative and shall not prevent the municipality from pursuing any and all other remedies available in law or equity.

§ 195-5148 Suspension and revocation of permits and approvals.

- A. Any building, land development, or other permit or approval issued by the municipality may be suspended or revoked by the municipality for:
- (1) Noncompliance with or failure to implement any provision of the permit or approved SWM site plan or O&M agreement;
 - (2) A violation of any provision of this chapter or any other law or regulation applicable to the regulated activity;
 - (3) The creation of any condition or the commission of any act during the regulated activity that constitutes or creates a hazard or nuisance or endangers the life, health, safety, or property of others; or
 - (4) Failure to correct a violation within the allowed time period allowed per notice given by the municipality.
- B. Prior to revocation or suspension of a permit, unless there is immediate danger or threat of such danger to life, public health or property, at the request of the applicant, the Stormwater Management Appeals Board shall schedule a hearing on the violation and proposed revocation or suspension, pursuant to public notice. The expense of a hearing shall be the applicant's responsibility.
- C. A suspended permit or approval may be reinstated by the municipality when:
- (1) The Municipal Engineer or other designee has inspected and approved the corrections to the BMPs, conveyances or other Stormwater Management facilities or the elimination of the hazard or nuisance; and
 - (2) The municipality is satisfied that the violation has been corrected.
- D. A permit or approval that has been revoked by the municipality cannot be reinstated. The applicant may apply for a new permit or approval in accordance with this chapter.

§ 195-5249 Violations and penalties.

- A. Any person who violates or permits the violation of any provision of this chapter shall, upon conviction thereof in a summary proceeding brought before a District Justice under the Pennsylvania Rules of Criminal Procedure, be guilty of a summary offense, punishable by a fine of not less than \$100 and not more than \$1,000, plus costs and attorney's fees, and, upon default of the payment of the fine and costs, imprisonment not to exceed 30 days. Each day or portion thereof that a violation continues shall be deemed a separate offense.
- B. In addition, the municipality may institute injunctive, mandamus, or any other appropriate action or

proceeding at law or in equity for the enforcement of this chapter. Any court of competent jurisdiction shall have the right to issue restraining orders, temporary or permanent injunctions, mandamus, or other legal or equitable forms of remedy or relief. Such relief may include costs, fees, and charges, including the municipality's attorney's fees (charged at the hourly rate approved by the governing body of the municipality) and costs, as may be permitted by law.

- C. Notwithstanding any other provision of this chapter, the municipality shall have the right at any or all times deemed necessary by the Municipal Engineer or designee to enter upon any property within the municipality to inspect and, upon determination of a violation of this chapter, to correct the violation, with all expenses associated with correcting the violation to be charged to the property owner responsible for the violation.

§ 195-530 Appeals.

- A. Any person aggrieved by any action of the Municipal Engineer or other designee relative to the provisions of this chapter may appeal to the Stormwater Management Appeals Board within 30 days of that action.
- B. The Stormwater Management Appeals Board shall consist of three residents of the Township appointed by the Board of Supervisors. The Stormwater Management Appeals Board shall follow the policies, practices and procedures utilized by the East Goshen Township Zoning Hearing Board as set forth in the East Goshen Township Zoning Ordinance.
- C. Any person aggrieved by any decision of the Stormwater Management Appeals Board relative to the provisions of this chapter may appeal to the Chester County Court of Common Pleas within 30 days of the municipality's decision.

Attachments:

[195a Appendix A](#)

[195b Appendix B](#)

[195c Appendix C](#)

[195d Appendix D](#)

[195e Appendix E](#)

[195f Appendix F](#)

[195g Appendix G](#)

[195h Figure B-3](#)

MEMO

Date: June 1, 2023
From: Dave Ware, Director of Finance
To: Board of Supervisors
Re: Pension Ordinance Update for Goshen Fire Pension Plan

In May 1987, East Goshen Township adopted an Ordinance establishing a Pension Plan for Goshen Fire Company Paid Fire Company Personnel. As of the Collective Bargaining Agreement agreed to by Goshen Fire Company and its full-time paid personnel, an Act 44 DROP (Deferred Retirement Option Plan) was proposed after a cost analysis undertaken by Foster & Foster Actuaries and Consultants in cooperation with Thomas J. Anderson and Associates, Inc. This program requires an ordinance amendment required by Act 44 to the original ordinance of 1987 – see attached. The proposed option is not projected to increase pension costs or liability.

An Act 44 DROP is a voluntary program that allows a participant to have their monthly pension benefit deposited in an interest-bearing DROP account while the participant continues to work in their current position and receive salary and benefits as an active employee. The proposed change would allow eligible fire employees (completing 5 years of services and attaining age 55) to participate in the Act 44 DROP for up to 36 months during which time their monthly pension benefits are placed into a separate interest-bearing DROP account. The participants have no control over their DROP funds, investments, or access to them until they retire and leave employment. After the DROP period is complete, the interest-bearing DROP account is liquidated as a lump sum or rollover less applicable taxes. Upon exiting the Drop, the retiree then begins receiving their recurring monthly pension payments paid directly to them.

Establishing this Act 44 DROP program does not increase pension costs or accelerate the age or service at which the actuary assumes participants will retire since the assumption is that all participants will retire immediately upon reaching Normal Retirement Age. During DROP, no additional pension creditable service accrues in the Goshen Fire Company Pension Plan since the participant is retired for pension purposes. In addition, the DROP pension payments do not increase to reflect changes in actual compensation occurring during DROP continued employment since the participant's benefit is calculated and frozen upon their entry to the DROP program. There are many Act 44 Drop programs in place in the state and our area since Act 44 was adopted in 2009. These programs have been successful and operated without issues.

EAST GOSHEN TOWNSHIP
CHESTER COUNTY, PENNSYLVANIA

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE PROVISIONS OF THE PENSION PLAN FOR THE GOSHEN FIRE COMPANY WHICH WAS ESTABLISHED BY THE BOARD OF SUPERVISORS OF EAST GOSHEN TOWNSHIP (THE "BOARD") ON MAY 5, 1987 BY ORDINANCE NO. 78.

WHEREAS, on May 5, 1987, the Board enacted Ordinance No. 78 wherein it established a Pension Plan for the Paid Fire Company Personnel of the Goshen Fire Company (the "Pension Plan"); and

WHEREAS, on October 6, 2009, the Board enacted Ordinance 129-K-09 to make certain amendments to the Pension Plan; and

WHEREAS, on October 18, 2011, the Board enacted Ordinance 129-K-2011 to make certain amendments to the Pension Plan; and

WHEREAS, the Goshen Fire Company and the Goshen Professional Firefighters' Association have agreed to a new collective bargaining agreement that enhances the benefits of the Pension Plan;

WHEREAS, East Goshen Township is not a party to any labor negotiations involving the Goshen Professional Firefighters' Association, but is the plan sponsor of the Pension Plan.

NOW, THEREFORE, the Board of Supervisors of East Goshen Township, Chester County, Pennsylvania, does hereby enact and ordain as follows:

SECTION I. The Pension Plan shall be amended as follows:

A. Article 1.16 is amended to read as follows:

"Total Disability" shall mean any condition arising from a service connected illness or injury which precludes an Employee from performing the duties associated with the normal occupational requirements of any position with the Goshen Fire Company as certified by a physician designated by the Company.

B. Article 3.01 is amended to read as follows:

Contributions by Members. Members shall pay into the Fund at the rate of 5.0 % of Compensation. The Board reserves the right to increase, reduce, or eliminate the contributions by members. Individual records of contribution by Members shall be maintained. A Member who withdraws from the plan shall

be entitled to his or her contribution plus interest at the rate of two percent (2%) compounded annually.

C. Article 4.01 is amended to read as follows:

Normal Retirement. Each Member may retire on or at any time after is Normal Retirement Date. Any Member so retiring shall be entitled to receive a monthly pension commencing as of the first day of the month coincident with or next following his date of actual retirement and ending with the payment made as of the first day of the month in which his death occurs. The monthly pension to which such retires Member shall be entitled under this Plan shall be equal to 2.0% of such member's Average Applicable Compensation for each Year of Service, measured in years and completed months. This monthly pension shall be capped at 50% of the Average Applicable Compensation.

D. Article 6.01 is amended to read as follows:

If a Member has completed less than five (5) Years of Service and leaves the employ of the Goshen Fire Company or ceases to be a Member whether by reason of his transfer, resignation or discharge, he shall be entitled to no benefits from this Plan. However, if the Member has completed five (5) or more Years of Service, he is eligible to receive a vested pension benefit to start at his Normal Retirement Date. The amount of the vested pension benefit shall be 2.0% of such Member's Average Applicable Compensation for each Year of Service, measured in years and completed months."

SECTION II. Severability. If any sentence, clause, section, or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections, or parts hereof. It is hereby declared as the intent of the Board of Supervisors that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.

SECTION III. Repealer. All ordinances or parts of ordinances conflicting with any provision of this Ordinance are hereby repealed insofar as the same affects this Ordinance.

SECTION IV. Effective Date. This Ordinance shall become effective five days from the date of adoption.

ENACTED AND ORDAINED this _____ day of _____, 2019.

(Signatures on next page)

ATTEST:

EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS

Secretary

Janet Emanuel Chairwomen

E. Martin Shane, Vice-Chairman

Carmen R. Battavio, Member

Michael Lynch, Member

David Shuey, Member

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Memo

To: Board of Supervisors
From: Dave Ware, Finance Director
Re: Consider 2023/2024 Sewer Rates and a 10 Year Capital Plan
Date: June 2, 2023

An updated Inventory and Depreciation List for Ridley Creek Sanitary Treatment Plant (including Pump Stations and Collection System) indicates that East Goshen Township will need a minimum of \$5.2M to refurbish and/or replace all of the capital items currently in operation as they near the end of their life cycle. Our current Sewer Capital Reserve Fund balance projected for December 2023 is \$2.3M. At a time when our neighboring townships are considering or have sold their sewer infrastructure to AQUA and other conglomerates, it is imperative that we fund long-term control of our infrastructure, rates, and service.

The current aging sewer infrastructure is in need of maintenance and replacement as illustrated by the Hershey's Mill Estates Sewer Replacement project, with a cost estimate of @ \$1.0M. While we were fortunate to use ARPA funds of nearly \$1M for this project, it would be prudent to fund our reserves ourselves over time rather than taking on additional debt in the form of sewer bonds or loans, especially in this inflationary and high interest environment. Unfortunately, there is a likelihood that more of these projects could emerge at any given time, and the Township is ill-prepared to fund them and has been for years. Many townships have underfunded their sewer systems for years and due to lack of maintenance and are in the position that necessitates them selling their systems, effectively turning over control of rates, costs, and service.

I am proposing a sewer capital plan over the next 10 years to address these issues. The total additional revenue needed to fully fund the treatment plant and pump stations is over \$5.2M (see attached rate calculation). Please note I have included a contingency for price increases only, not including events such as the Hershey Mill Estates Sewer Rehabilitation just completed. Those events would warrant an additional plan. Being fully aware of the current economic challenges facing our residents, I would recommend leaving our current fixed and variable sewer rates without change for 2023. I would further recommend additional comment, discussion and review of my plan, which would begin in 2024, 1st Quarter utility billing, and increase the fixed sewer rate an additional \$20 per quarter.

Calculation of 2024 Sewer Rates

	Proposal One	Proposal Two	*Recommend Proposal Three
	0\$/Qtr change	10\$/Qtr change	20\$/Qtr change
Re-estimated Sewer Expenses 2023			
Re-estimated 2023 Fixed Costs	\$1,539,666.60	\$1,539,666.60	\$1,539,666.60
Re-estimated 2023 Variable Costs	\$3,119,467.86	\$3,119,467.86	\$3,119,467.86
2023 Projected Expenses:	\$4,659,134.45	\$4,659,134.45	\$4,659,134.45
Re-estimated Sewer Revenue 2023			
Re-estimated Non Rental Sewer Revenue 2023	\$81,660.55	\$81,660.55	\$81,660.55
Total Sewer Rental Projected at Current Rates - 2023	\$4,205,117.24	\$4,205,117.24	\$4,205,117.24
2023 Projected Revenue with No Rate Change:	\$4,286,777.79	\$4,286,777.79	\$4,286,777.79
Additional Revenue Needed			
Total Need Beginning	\$7,011,638.10	\$7,011,638.10	\$7,011,638.10
Less Projected Sewer Reserve 2023 Balance	(\$2,273,212.09)	(2,273,212.09)	(2,273,212.09)
Less 2023 Project/Inventory Spend	(\$702,706.00)	(702,706.00)	(702,706.00)
Less Grant Dollars Received	(\$152,890.00)	(152,890.00)	(152,890.00)
35% Contingency on Inventory Need	\$1,358,990.50	1,358,990.50	1,358,990.50
Additional Revenue Needed:	\$5,241,820.51	\$5,241,820.51	\$5,241,820.51
Total Sewer Units	6,629	6,629	6,629
Revenue Generated Each Additional 1\$ Quarterly Fixed Rate Increase	\$26,516.00	\$26,516.00	\$26,516.00
Current Quarterly Rates as of June 2023			
Current fixed rate	\$55.61	\$55.61	\$55.61
Current variable rate	\$9.70	\$9.70	\$9.70
Average SFD bill without rate change	\$176.89	\$176.89	\$176.89
2024 Proposed Annualized Revenue Increase	\$0.00	\$265,160.00	\$530,320.00
Total 10 Year Revenue Addition	\$0.00	\$2,651,600.00	\$5,303,200.00
Proposed Quarterly Rates Beginning Q1 2024			
Proposed fixed rate	\$55.61	\$65.61	\$75.61
Proposed variable rate	\$9.70	\$9.70	\$9.70
Average SFD bill without rate change	\$176.89	\$186.89	\$196.89
Estimated 2024 Quarterly Increase	\$0.00	\$10.00	\$20.00
Estimated Total 2024 Annualized Increase	\$0.00	\$40.00	\$80.00

No Sewer Rate Increase in 2023 or 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 2,761,969	\$ 1,199,242	\$ 721,296	\$ 138,691	\$ (559,285)	\$ (1,350,482)	\$ (2,244,647)	\$ (3,243,928)	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
REVENUE													
INTEREST EARNINGS	05-341-1000	\$ 7,664	\$ 12,000	\$ 21,848	\$ 23,452	\$ 82,859	\$ 23,985	\$ 14,426	\$ 2,774	\$ -	\$ -	\$ -	\$ -
REVENUE - SEWER FEES	05-364-1000	\$ 3,749,490	\$ 4,148,573	\$ 4,174,857	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000	\$ 4,175,000
REVENUE - SEWER PENALTIES	05-364-1010	\$ 34,559	\$ 45,076	\$ 30,261	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313	\$ 31,313
REVENUE - LIEN PAYMENTS	05-364-1025	\$ 52,830	\$ 69,614	\$ 15,238	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875	\$ 20,875
REVENUE - SEWER CERTIFICATION FEES	05-364-1030	\$ 4,270	\$ 4,000	\$ 1,692	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
REVENUE - WG CONVEYANCE FEE	05-364-1040	\$ 22,649	\$ 20,935	\$ 21,563	\$ 22,209	\$ 22,876	\$ 23,562	\$ 24,269	\$ 24,997	\$ 25,747	\$ 26,519	\$ 27,315	\$ 28,134
ADMIN.COST FROM WESTTOWN	05-364-1060	\$ 2,896	\$ 4,827	\$ 2,250	\$ 2,500	\$ 2,575	\$ 2,652	\$ 2,732	\$ 2,814	\$ 2,898	\$ 2,985	\$ 3,075	\$ 3,167
&M FEES FOR BARKWAY PUMP STATION	05-364-1070	\$ 12,562	\$ 21,625	\$ 15,419	\$ 15,881	\$ 16,358	\$ 16,849	\$ 17,354	\$ 17,875	\$ 18,411	\$ 18,963	\$ 19,532	\$ 20,118
&M FEES FOR ASHBRIDGE PUMP STATION	05-364-1080	\$ -	\$ 1,807	\$ 3,650	\$ 1,880	\$ 1,936	\$ 1,994	\$ 2,054	\$ 2,116	\$ 2,179	\$ 2,245	\$ 2,312	\$ 2,381
MISC SEWER REVENUE/FROM SEWER RESRV	05-380-1000	\$ -	\$ -	\$ -	\$ 2,273,212	\$ -							
SEWER INSURANCE CLAIMS	05-391-2000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EMB.PRINC.&INTEREST M.A	05-392-0710	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUE		\$ 3,886,920	\$ 4,328,456	\$ 4,286,778	\$ 6,568,323	\$ 4,355,791	\$ 4,298,230	\$ 4,290,022	\$ 4,279,763	\$ 4,278,423	\$ 4,279,900	\$ 4,281,421	\$ 4,282,988
CHESTER CREEK EXPENSES													
R.C. METERS - WAGES	05-420-1400	\$ 14,175	\$ 19,169	\$ 14,883	\$ 15,330	\$ 15,790	\$ 16,264	\$ 16,751	\$ 17,254	\$ 17,772	\$ 18,305	\$ 18,854	\$ 19,420
R.C. INTERCEPTOR - WAGES	05-420-1401	\$ 16,865	\$ 3,985	\$ 17,708	\$ 18,239	\$ 18,786	\$ 19,350	\$ 19,930	\$ 20,528	\$ 21,144	\$ 21,779	\$ 22,432	\$ 23,105
R.C. COLLECTION - WAGES	05-420-1402	\$ 28,629	\$ 40,637	\$ 30,060	\$ 30,962	\$ 31,891	\$ 32,848	\$ 33,833	\$ 34,848	\$ 35,894	\$ 36,971	\$ 38,080	\$ 39,222
R.C. COLLECTION - WAGES - I&I	05-420-1404	\$ 1,282	\$ 2,015	\$ 1,346	\$ 1,387	\$ 1,428	\$ 1,471	\$ 1,515	\$ 1,561	\$ 1,608	\$ 1,656	\$ 1,705	\$ 1,757
ASHBRIDGE WAGES	05-420-1405	\$ 11,284	\$ 12,844	\$ 11,848	\$ 12,204	\$ 12,570	\$ 12,947	\$ 13,335	\$ 13,735	\$ 14,147	\$ 14,572	\$ 15,009	\$ 15,459
MILL VALLEY - WAGES	05-420-1406	\$ 10,925	\$ 22,762	\$ 11,471	\$ 11,815	\$ 12,169	\$ 12,534	\$ 12,911	\$ 13,298	\$ 13,697	\$ 14,108	\$ 14,531	\$ 14,967
R.C. METERS - VEHICLE OPER.	05-420-2510	\$ 10,286	\$ 7,199	\$ 10,801	\$ 11,125	\$ 11,458	\$ 11,802	\$ 12,156	\$ 12,521	\$ 12,897	\$ 13,284	\$ 13,682	\$ 14,092
R.C. INTERCPT-VEHICLE OPER	05-420-2511	\$ 13,750	\$ 3,649	\$ 14,438	\$ 14,871	\$ 15,317	\$ 15,777	\$ 16,250	\$ 16,737	\$ 17,240	\$ 17,757	\$ 18,289	\$ 18,838
R.C. COLLEC.-VEHICLE OPER.	05-420-2512	\$ 16,508	\$ 14,741	\$ 17,333	\$ 17,853	\$ 18,389	\$ 18,941	\$ 19,509	\$ 20,094	\$ 20,697	\$ 21,318	\$ 21,957	\$ 22,616
R.C. COLLECT.-VEH OPER - I&I	05-420-2514	\$ 778	\$ 817	\$ 817	\$ 842	\$ 867	\$ 893	\$ 920	\$ 947	\$ 976	\$ 1,005	\$ 1,035	\$ 1,066
ASHBRIDGE - VEHICLE OPER	05-420-2515	\$ 5,917	\$ 3,684	\$ 6,213	\$ 6,399	\$ 6,591	\$ 6,789	\$ 6,993	\$ 7,202	\$ 7,419	\$ 7,641	\$ 7,870	\$ 8,106
MILL VALLEY - VEHICLE OPER	05-420-2516	\$ 5,991	\$ 17,224	\$ 6,291	\$ 6,480	\$ 6,674	\$ 6,874	\$ 7,080	\$ 7,293	\$ 7,512	\$ 7,737	\$ 7,969	\$ 8,208
R.C. COLLEC.-PROF.SERVICES	05-420-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
R.C. METERS - UTILITIES	05-420-3600	\$ 125	\$ 135	\$ 131	\$ 135	\$ 139	\$ 143	\$ 148	\$ 152	\$ 157	\$ 161	\$ 166	\$ 171
R.C. INTERCEPTOR-UTILITIES	05-420-3601	\$ 1,442	\$ 1,377	\$ 1,514	\$ 1,560	\$ 1,606	\$ 1,655	\$ 1,704	\$ 1,755	\$ 1,808	\$ 1,862	\$ 1,918	\$ 1,976
R.C. COLLECTION - UTILITIES	05-420-3602	\$ 8,741	\$ 6,949	\$ 9,178	\$ 9,453	\$ 9,736	\$ 10,029	\$ 10,329	\$ 10,639	\$ 10,958	\$ 11,287	\$ 11,626	\$ 11,975
ASHBRIDGE - UTILITIES	05-420-3603	\$ 6,492	\$ 7,172	\$ 6,817	\$ 7,021	\$ 7,232	\$ 7,449	\$ 7,673	\$ 7,903	\$ 8,140	\$ 8,384	\$ 8,635	\$ 8,895
MILL VAL./BARKWAY UTILITIES	05-420-3604	\$ 4,449	\$ 3,900	\$ 4,672	\$ 4,812	\$ 4,956	\$ 5,105	\$ 5,258	\$ 5,416	\$ 5,578	\$ 5,746	\$ 5,918	\$ 6,096
R.C. METERS-MAINT.& REPRS.	05-420-3700	\$ 13,616	\$ 11,176	\$ 14,296	\$ 14,725	\$ 15,167	\$ 15,622	\$ 16,091	\$ 16,573	\$ 17,071	\$ 17,583	\$ 18,110	\$ 18,654
R.C. INTERCEPT.-MAINT.&REP	05-420-3701	\$ 12,902	\$ 3,142	\$ 13,548	\$ 13,954	\$ 14,373	\$ 14,804	\$ 15,248	\$ 15,705	\$ 16,176	\$ 16,662	\$ 17,162	\$ 17,676
R.C. COLLEC.-MAINT.& REPR.	05-420-3702	\$ 41,160	\$ 118,968	\$ 81,160	\$ 82,394	\$ 83,666	\$ 84,976	\$ 86,325	\$ 87,715	\$ 89,147	\$ 90,621	\$ 92,140	\$ 93,704
R.C. INTERCEPT.-MAINT & REP - I&I	05-420-3703	\$ 5,499	\$ 5,774	\$ 5,774	\$ 5,947	\$ 6,125	\$ 6,309	\$ 6,498	\$ 6,693	\$ 6,894	\$ 7,101	\$ 7,314	\$ 7,534
R.C. COLLECT.-MAINT & REP - I&I	05-420-3704	\$ 7,844	\$ 8,237	\$ 8,237	\$ 8,484	\$ 8,738	\$ 9,000	\$ 9,270	\$ 9,549	\$ 9,835	\$ 10,130	\$ 10,434	\$ 10,747
ASHBRIDGE-MAINT.&REPR	05-420-3705	\$ 19,203	\$ 16,188	\$ 20,163	\$ 20,768	\$ 21,391	\$ 22,033	\$ 22,694	\$ 23,375	\$ 24,076	\$ 24,798	\$ 25,542	\$ 26,308
BARKWAY -MAINT.& REPR.	05-420-3706	\$ 525	\$ 1,409	\$ 551	\$ 568	\$ 585	\$ 602	\$ 620	\$ 639	\$ 658	\$ 678	\$ 698	\$ 719
R.C. WEST GOSHEN OPER/MAINT	05-420-3850	\$ 539,224	\$ 700,000	\$ 850,000	\$ 875,500	\$ 901,765	\$ 928,818	\$ 956,682	\$ 985,383	\$ 1,014,944	\$ 1,045,393	\$ 1,076,755	\$ 1,109,057
R.C. WEST GOSHEN MISC CAPITAL	05-420-3851	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CHESTER CREEK EXPENSES		\$ 797,613	\$ 1,033,152	\$ 1,159,250	\$ 1,152,827	\$ 1,187,412	\$ 1,223,035	\$ 1,259,726	\$ 1,297,517	\$ 1,336,443	\$ 1,376,536	\$ 1,417,832	\$ 1,460,367
BRIDLEY CREEK EXPENSES													
R.C. STP- WAGES	05-422-1400	\$ 49,539	\$ 20,696	\$ 52,016	\$ 53,576	\$ 55,183	\$ 56,839	\$ 58,544	\$ 60,300	\$ 62,109	\$ 63,973	\$ 65,892	\$ 67,868
R.C. COLLEC.- WAGES	05-422-1401	\$ 33,001	\$ 60,000	\$ 34,651	\$ 35,690	\$ 36,761	\$ 37,864	\$ 39,000	\$ 40,170	\$ 41,375	\$ 42,616	\$ 43,895	\$ 45,211
R.C. COLLECTIONS WAGES I&I	05-422-1402	\$ 10,326	\$ 7,223	\$ 10,842	\$ 11,168	\$ 11,503	\$ 11,848	\$ 12,203	\$ 12,569	\$ 12,946	\$ 13,335	\$ 13,735	\$ 14,147
R.C. STP- CHEMICALS	05-422-2440	\$ 123,321	\$ 116,295	\$ 129,487	\$ 133,371	\$ 137,373	\$ 141,494	\$ 145,739	\$ 150,111	\$ 154,614	\$ 159,252	\$ 164,030	\$ 168,951
R.C. COLLEC.-CHEMICALS	05-422-2441	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
R.C. STP-VEHICLE OPER.	05-422-2510	\$ 45,071	\$ 5,918	\$ 47,324	\$ 48,744	\$ 50,206	\$ 51,713	\$ 53,264	\$ 54,862	\$ 56,508	\$ 58,203	\$ 59,949	\$ 61,747
R.C. COLLEC-VEHICLE OPER.	05-422-2511	\$ 17,514	\$ 14,802	\$ 18,390	\$ 18,942	\$ 19,510	\$ 20,095	\$ 20,698	\$ 21,319	\$ 21,959	\$ 22,617	\$ 23,296	\$ 23,995

No Sewer Rate Increase in 2023 or 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 2,761,969	\$ 1,199,242	\$ 721,296	\$ 138,691	\$ (559,285)	\$ (1,350,482)	\$ (2,244,647)	\$ (3,243,928)	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
C. COLLECT.-VEH OPERATING - I&I	05-422-2512	\$ 7,545	\$ 3,631	\$ 7,922	\$ 8,159	\$ 8,404	\$ 8,656	\$ 8,916	\$ 9,184	\$ 9,459	\$ 9,743	\$ 10,035	\$ 10,336
C. STP-MINOR EQUIP.	05-422-2600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. COLLEC.-PROF.SERVICE	05-422-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. STP - UTILITIES	05-422-3600	\$ 90,915	\$ 121,961	\$ 95,460	\$ 98,324	\$ 101,274	\$ 104,312	\$ 107,441	\$ 110,665	\$ 113,985	\$ 117,404	\$ 120,926	\$ 124,554
C. COLLEC.-UTILITIES	05-422-3601	\$ 7,259	\$ 8,239	\$ 7,622	\$ 7,850	\$ 8,086	\$ 8,328	\$ 8,578	\$ 8,835	\$ 9,101	\$ 9,374	\$ 9,655	\$ 9,944
C. STP-MAINT.& REPAIRS	05-422-3700	\$ 100,546	\$ 143,381	\$ 105,573	\$ 108,741	\$ 112,003	\$ 115,363	\$ 118,824	\$ 122,389	\$ 126,060	\$ 129,842	\$ 133,737	\$ 137,749
C. COLLEC.-MAINT.& REPR	05-422-3701	\$ 57,922	\$ 62,172	\$ 60,818	\$ 62,642	\$ 64,521	\$ 66,457	\$ 68,451	\$ 70,504	\$ 72,620	\$ 74,798	\$ 77,042	\$ 79,353
C. COLLECTION-MAINT. & REP I&I	05-422-3702	\$ 32,078	\$ 28,941	\$ 33,682	\$ 34,693	\$ 35,733	\$ 36,805	\$ 37,909	\$ 39,047	\$ 40,218	\$ 41,425	\$ 42,667	\$ 43,947
C. STP-CONTRACTED SERV.	05-422-4500	\$ 214,511	\$ 221,578	\$ 225,237	\$ 231,994	\$ 238,954	\$ 246,122	\$ 253,506	\$ 261,111	\$ 268,945	\$ 277,013	\$ 285,323	\$ 293,883
C. SLUDGE-LAND CHESTER	05-422-4502	\$ 44,208	\$ 43,971	\$ 46,418	\$ 47,811	\$ 49,245	\$ 50,723	\$ 52,244	\$ 53,812	\$ 55,426	\$ 57,089	\$ 58,801	\$ 60,565
TOTAL RIDLEY CREEK EXPENSES		\$ 833,754	\$ 858,809	\$ 875,442	\$ 901,705	\$ 928,756	\$ 956,619	\$ 985,317	\$ 1,014,877	\$ 1,045,323	\$ 1,076,683	\$ 1,108,983	\$ 1,142,253
ADMINISTRATION													
MISCELLANEOUS EXPENSE	05-424-2700	\$ 182	\$ 201	\$ 191	\$ 197	\$ 203	\$ 209	\$ 215	\$ 222	\$ 228	\$ 235	\$ 242	\$ 249
ADMIN.- WAGES	05-429-1400	\$ 114,216	\$ 89,220	\$ 119,927	\$ 123,525	\$ 127,231	\$ 131,048	\$ 134,979	\$ 139,029	\$ 143,199	\$ 147,495	\$ 151,920	\$ 156,478
ONE CALL - WAGES	05-429-1401	\$ 6,801	\$ 3,424	\$ 7,141	\$ 7,356	\$ 7,576	\$ 7,804	\$ 8,038	\$ 8,279	\$ 8,527	\$ 8,783	\$ 9,047	\$ 9,318
ONE CALL - VEH OPER	05-429-2501	\$ 2,180	\$ -	\$ 2,289	\$ 2,358	\$ 2,429	\$ 2,502	\$ 2,577	\$ 2,654	\$ 2,733	\$ 2,816	\$ 2,900	\$ 2,987
ADMIN.-COMPUTER EXPENSES	05-429-2600	\$ -	\$ 6,388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN.-GENERAL EXPENSE	05-429-3000	\$ 37,811	\$ 1,029	\$ 39,702	\$ 40,893	\$ 42,120	\$ 43,383	\$ 44,685	\$ 46,026	\$ 47,406	\$ 48,828	\$ 50,293	\$ 51,802
ADMIN.-PAYMENT PORTAL	05-429-3001	\$ 7,661	\$ 5,431	\$ 8,045	\$ 8,286	\$ 8,534	\$ 8,790	\$ 9,054	\$ 9,326	\$ 9,606	\$ 9,894	\$ 10,191	\$ 10,496
ADMIN.- PROFESSIONAL SERV	05-429-3100	\$ 2,000	\$ 2,065	\$ 2,100	\$ 2,163	\$ 2,228	\$ 2,295	\$ 2,364	\$ 2,435	\$ 2,508	\$ 2,583	\$ 2,661	\$ 2,740
ADMIN - LEGAL	05-429-3140	\$ 675	\$ 3,530	\$ 709	\$ 730	\$ 752	\$ 775	\$ 798	\$ 822	\$ 847	\$ 872	\$ 898	\$ 925
ADMIN.- POSTAGE	05-429-3250	\$ 5,175	\$ 5,053	\$ 5,434	\$ 5,597	\$ 5,765	\$ 5,938	\$ 6,116	\$ 6,299	\$ 6,488	\$ 6,683	\$ 6,883	\$ 7,090
ADMIN. - PRINTING	05-429-3400	\$ 2,061	\$ 1,731	\$ 2,164	\$ 2,229	\$ 2,296	\$ 2,365	\$ 2,436	\$ 2,509	\$ 2,584	\$ 2,662	\$ 2,742	\$ 2,824
ADMIN.- INSURANCE	05-429-3500	\$ 32,611	\$ 26,901	\$ 34,242	\$ 35,269	\$ 36,327	\$ 37,417	\$ 38,539	\$ 39,695	\$ 40,886	\$ 42,113	\$ 43,376	\$ 44,677
ADMIN.-BLDG.OVERHEAD	05-429-3730	\$ 65,814	\$ 88,760	\$ 69,105	\$ 71,178	\$ 73,313	\$ 75,513	\$ 77,778	\$ 80,111	\$ 82,515	\$ 84,990	\$ 87,540	\$ 90,166
CONTR. SERV. SUMMIT HOUSE	05-429-4500	\$ 369,000	\$ 385,125	\$ 387,450	\$ 399,074	\$ 411,046	\$ 423,377	\$ 436,078	\$ 449,161	\$ 462,636	\$ 476,515	\$ 490,810	\$ 505,534
CONTR. SERV. CIDER KNOLL	05-429-4510	\$ 59,040	\$ 86,789	\$ 61,992	\$ 63,852	\$ 65,767	\$ 67,740	\$ 69,773	\$ 71,866	\$ 74,022	\$ 76,242	\$ 78,530	\$ 80,885
CONTR. SERV. MALVERN INSTITUTE	05-429-4520	\$ 7,949	\$ 10,732	\$ 8,346	\$ 8,596	\$ 8,854	\$ 9,120	\$ 9,394	\$ 9,675	\$ 9,966	\$ 10,265	\$ 10,573	\$ 10,890
LOCK BOX FEE	05-429-5000	\$ -	\$ 3,859	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bank Fees	05-429-5001	\$ 1,495	\$ 1,380	\$ 1,570	\$ 1,617	\$ 1,665	\$ 1,715	\$ 1,767	\$ 1,820	\$ 1,874	\$ 1,931	\$ 1,989	\$ 2,048
VRFA-DEBT SERV.-UPGRADE	05-471-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VRFA-PRINCIPAL PMT ON \$9,500,000	05-471-7220	\$ 405,000	\$ 421,000	\$ 421,000	\$ 438,000	\$ 455,000	\$ 473,000	\$ 492,000	\$ 512,000	\$ 533,000	\$ 554,000	\$ 576,000	\$ 599,000
VRFA - PRINCIPAL ON DIVERSION LOAN	05-471-7240	\$ 117,000	\$ 121,000	\$ 121,000	\$ 125,000	\$ 129,000	\$ 133,000	\$ 137,000	\$ 142,000	\$ 146,000	\$ 151,000	\$ 156,000	\$ 161,000
SERIES 2017 GO BONDS - PRINCIPAL	05-471-7250	\$ 125,000	\$ 130,000	\$ 130,000	\$ 135,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 150,000	\$ 155,000	\$ 160,000	\$ 160,000
VRFA-INTEREST -UPGRADE	05-472-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VRFA - INTEREST ON \$9,500,000 LOAN	05-472-7220	\$ 208,118	\$ 191,763	\$ 191,763	\$ 174,755	\$ 157,073	\$ 138,699	\$ 119,592	\$ 99,713	\$ 79,022	\$ 57,499	\$ 35,125	\$ 11,860
VRFA - INTEREST ON DIVERSION LOAN	05-472-7240	\$ 50,453	\$ 47,778	\$ 47,778	\$ 44,089	\$ 40,277	\$ 36,344	\$ 32,289	\$ 28,112	\$ 23,782	\$ 19,331	\$ 14,727	\$ 9,970
SERIES 2017 GO BONDS - INTEREST	05-472-7250	\$ 66,789	\$ 61,789	\$ 61,789	\$ 59,189	\$ 56,489	\$ 53,789	\$ 50,989	\$ 47,908	\$ 44,645	\$ 40,895	\$ 36,245	\$ 31,445
TRANSFER TO CAPITAL RESERVE FUND	05-492-0300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER TO MUNIC AUTHORITY	05-492-0700	\$ 90,979	\$ 100,000	\$ 100,000	\$ 789,182	\$ 2,033,404	\$ 801,701	\$ 806,125	\$ 810,684	\$ 815,379	\$ 820,215	\$ 825,196	\$ 830,326
TRANSFER TO BOND FUND - SEWER	05-492-0805	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER TO SEWER CAPITAL RESERVE	05-492-0900	\$ 290,000	\$ 800,706	\$ 800,706	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL ADMINISTRATIVE EXPENSES		\$ 2,118,013	\$ 2,595,652	\$ 2,624,443	\$ 2,538,134	\$ 3,802,350	\$ 2,596,523	\$ 2,627,584	\$ 2,665,344	\$ 2,687,854	\$ 2,720,846	\$ 2,753,886	\$ 2,782,713
TOTAL SEWER EXPENSES		\$ 3,749,379	\$ 4,487,612	\$ 4,659,134	\$ 4,592,666	\$ 5,918,518	\$ 4,776,176	\$ 4,872,627	\$ 4,977,738	\$ 5,069,620	\$ 5,174,065	\$ 5,280,702	\$ 5,385,333
NET RESULT FROM OPERATIONS		\$ 137,541	\$ (159,156)	\$ (372,357)	\$ 1,975,657	\$ (1,562,727)	\$ (477,947)	\$ (582,605)	\$ (697,976)	\$ (791,197)	\$ (894,165)	\$ (999,281)	\$ (1,102,345)
ESTIMATED ENDING FUND BALANCE		\$ 1,158,669	\$ 999,513	\$ 786,312	\$ 2,761,969	\$ 1,199,242	\$ 721,296	\$ 138,691	\$ (559,285)	\$ (1,350,482)	\$ (2,244,647)	\$ (3,243,928)	\$ (4,346,273)
SEWER RESERVE ENDING FUND BALANCE		\$ 2,384,772	\$ 1,736,425	\$ 2,273,212	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

\$10/QTR Sewer Rate Increase Beginning Q1 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 3,030,444	\$ 1,744,246	\$ 1,545,674	\$ 1,248,031	\$ 840,716	\$ 334,808	\$ (284,186)	\$ (1,014,993)	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
REVENUE													
INTEREST EARNINGS	05-341-1000	\$ 7,664	\$ 12,000	\$ 21,848	\$ 23,452	\$ 90,913	\$ 34,885	\$ 30,913	\$ 24,961	\$ 16,814	\$ 6,696	\$ -	\$ -
REVENUE - SEWER FEES	05-364-1000	\$ 3,749,490	\$ 4,148,573	\$ 4,174,857	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160	\$ 4,440,160
REVENUE - SEWER PENALTIES	05-364-1010	\$ 34,559	\$ 45,076	\$ 30,261	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301	\$ 33,301
REVENUE - LIEN PAYMENTS	05-364-1025	\$ 52,830	\$ 69,614	\$ 15,238	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201	\$ 22,201
REVENUE - SEWER CERTIFICATION FEES	05-364-1030	\$ 4,270	\$ 4,000	\$ 1,692	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
REVENUE - WG CONVEYANCE FEE	05-364-1040	\$ 22,649	\$ 20,935	\$ 21,563	\$ 22,209	\$ 22,876	\$ 23,562	\$ 24,269	\$ 24,997	\$ 25,747	\$ 26,519	\$ 27,315	\$ 28,134
MIN.COST FROM WESTTOWN	05-364-1060	\$ 2,896	\$ 4,827	\$ 2,250	\$ 2,500	\$ 2,575	\$ 2,652	\$ 2,732	\$ 2,814	\$ 2,898	\$ 2,985	\$ 3,075	\$ 3,167
WATER FEES FOR BARKWAY PUMP STATION	05-364-1070	\$ 12,562	\$ 21,625	\$ 15,419	\$ 15,881	\$ 16,358	\$ 16,849	\$ 17,354	\$ 17,875	\$ 18,411	\$ 18,963	\$ 19,532	\$ 20,118
WATER FEES FOR ASHBRIDGE PUMP STATION	05-364-1080	\$ -	\$ 1,807	\$ 3,650	\$ 1,880	\$ 1,936	\$ 1,994	\$ 2,054	\$ 2,116	\$ 2,179	\$ 2,245	\$ 2,312	\$ 2,381
WEST GOSHEN SEWER REVENUE/FROM SEWER RESRV	05-380-1000	\$ -	\$ -	\$ -	\$ 2,273,212	\$ -							
WATER INSURANCE CLAIMS	05-391-2000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FIN.PRINC.&INTEREST M.A	05-392-0710	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUE		\$ 3,886,920	\$ 4,328,456	\$ 4,286,778	\$ 6,836,797	\$ 4,632,320	\$ 4,577,604	\$ 4,574,984	\$ 4,570,424	\$ 4,563,712	\$ 4,555,070	\$ 4,549,896	\$ 4,551,463
CHESTER CREEK EXPENSES													
C.C. METERS - WAGES	05-420-1400	\$ 14,175	\$ 19,169	\$ 14,883	\$ 15,330	\$ 15,790	\$ 16,264	\$ 16,751	\$ 17,254	\$ 17,772	\$ 18,305	\$ 18,854	\$ 19,420
C.C. INTERCEPTOR - WAGES	05-420-1401	\$ 16,865	\$ 3,985	\$ 17,708	\$ 18,239	\$ 18,786	\$ 19,350	\$ 19,930	\$ 20,528	\$ 21,144	\$ 21,779	\$ 22,432	\$ 23,105
C.C. COLLECTION - WAGES	05-420-1402	\$ 28,629	\$ 40,637	\$ 30,060	\$ 30,962	\$ 31,891	\$ 32,848	\$ 33,833	\$ 34,848	\$ 35,894	\$ 36,971	\$ 38,080	\$ 39,222
C.C. COLLECTION - WAGES - I&I	05-420-1404	\$ 1,282	\$ 2,015	\$ 1,346	\$ 1,387	\$ 1,428	\$ 1,471	\$ 1,515	\$ 1,561	\$ 1,608	\$ 1,656	\$ 1,705	\$ 1,757
ASHBRIDGE WAGES	05-420-1405	\$ 11,284	\$ 12,844	\$ 11,848	\$ 12,204	\$ 12,570	\$ 12,947	\$ 13,335	\$ 13,735	\$ 14,147	\$ 14,572	\$ 15,009	\$ 15,459
HILL VALLEY - WAGES	05-420-1406	\$ 10,925	\$ 22,762	\$ 11,471	\$ 11,815	\$ 12,169	\$ 12,534	\$ 12,911	\$ 13,298	\$ 13,697	\$ 14,108	\$ 14,531	\$ 14,967
C.C. METERS - VEHICLE OPER.	05-420-2510	\$ 10,286	\$ 7,199	\$ 10,801	\$ 11,125	\$ 11,458	\$ 11,802	\$ 12,156	\$ 12,521	\$ 12,897	\$ 13,284	\$ 13,682	\$ 14,092
C.C. INTERCEPTOR - VEHICLE OPER	05-420-2511	\$ 13,750	\$ 3,649	\$ 14,438	\$ 14,871	\$ 15,317	\$ 15,777	\$ 16,250	\$ 16,737	\$ 17,240	\$ 17,757	\$ 18,289	\$ 18,838
C.C. COLLEC. - VEHICLE OPER.	05-420-2512	\$ 16,508	\$ 14,741	\$ 17,333	\$ 17,853	\$ 18,389	\$ 18,941	\$ 19,509	\$ 20,094	\$ 20,697	\$ 21,318	\$ 21,957	\$ 22,616
C.C. COLLEC. - VEH OPER - I&I	05-420-2514	\$ 778	\$ 817	\$ 817	\$ 842	\$ 867	\$ 893	\$ 920	\$ 947	\$ 976	\$ 1,005	\$ 1,035	\$ 1,066
ASHBRIDGE - VEHICLE OPER	05-420-2515	\$ 5,917	\$ 3,684	\$ 6,213	\$ 6,399	\$ 6,591	\$ 6,789	\$ 6,993	\$ 7,202	\$ 7,419	\$ 7,641	\$ 7,870	\$ 8,106
HILL VALLEY - VEHICLE OPER	05-420-2516	\$ 5,991	\$ 17,224	\$ 6,291	\$ 6,480	\$ 6,674	\$ 6,874	\$ 7,080	\$ 7,293	\$ 7,512	\$ 7,737	\$ 7,969	\$ 8,208
C.C. COLLEC. - PROF. SERVICES	05-420-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C.C. METERS - UTILITIES	05-420-3600	\$ 125	\$ 135	\$ 131	\$ 135	\$ 139	\$ 143	\$ 148	\$ 152	\$ 157	\$ 161	\$ 166	\$ 171
C.C. INTERCEPTOR - UTILITIES	05-420-3601	\$ 1,442	\$ 1,377	\$ 1,514	\$ 1,560	\$ 1,606	\$ 1,655	\$ 1,704	\$ 1,755	\$ 1,808	\$ 1,862	\$ 1,918	\$ 1,976
C.C. COLLECTION - UTILITIES	05-420-3602	\$ 8,741	\$ 6,949	\$ 9,178	\$ 9,453	\$ 9,736	\$ 10,029	\$ 10,329	\$ 10,639	\$ 10,958	\$ 11,287	\$ 11,626	\$ 11,975
ASHBRIDGE - UTILITIES	05-420-3603	\$ 6,492	\$ 7,172	\$ 6,817	\$ 7,021	\$ 7,232	\$ 7,449	\$ 7,673	\$ 7,903	\$ 8,140	\$ 8,384	\$ 8,635	\$ 8,895
HILL VAL./BARKWAY UTILITIES	05-420-3604	\$ 4,449	\$ 3,900	\$ 4,672	\$ 4,812	\$ 4,956	\$ 5,105	\$ 5,258	\$ 5,416	\$ 5,578	\$ 5,746	\$ 5,918	\$ 6,096
C.C. METERS - MAINT. & REPRS.	05-420-3700	\$ 13,616	\$ 11,176	\$ 14,296	\$ 14,725	\$ 15,167	\$ 15,622	\$ 16,091	\$ 16,573	\$ 17,071	\$ 17,583	\$ 18,110	\$ 18,654
C.C. INTERCEPTOR - MAINT. & REP	05-420-3701	\$ 12,902	\$ 3,142	\$ 13,548	\$ 13,954	\$ 14,373	\$ 14,804	\$ 15,248	\$ 15,705	\$ 16,176	\$ 16,662	\$ 17,162	\$ 17,676
C.C. COLLEC. - MAINT. & REPR.	05-420-3702	\$ 41,160	\$ 118,968	\$ 81,160	\$ 42,394	\$ 43,666	\$ 44,976	\$ 46,325	\$ 47,715	\$ 49,147	\$ 50,621	\$ 52,140	\$ 53,704
C.C. INTERCEPTOR - MAINT & REP - I&I	05-420-3703	\$ 5,499	\$ 5,774	\$ 5,774	\$ 5,947	\$ 6,125	\$ 6,309	\$ 6,498	\$ 6,693	\$ 6,894	\$ 7,101	\$ 7,314	\$ 7,534
C.C. COLLEC. - MAINT & REP - I&I	05-420-3704	\$ 7,844	\$ 8,237	\$ 8,237	\$ 8,484	\$ 8,738	\$ 9,000	\$ 9,270	\$ 9,549	\$ 9,835	\$ 10,130	\$ 10,434	\$ 10,747
ASHBRIDGE - MAINT. & REPR	05-420-3705	\$ 19,203	\$ 16,188	\$ 20,163	\$ 20,768	\$ 21,391	\$ 22,033	\$ 22,694	\$ 23,375	\$ 24,076	\$ 24,798	\$ 25,542	\$ 26,308
BARKWAY - MAINT. & REPR.	05-420-3706	\$ 525	\$ 1,409	\$ 551	\$ 568	\$ 585	\$ 602	\$ 620	\$ 639	\$ 658	\$ 678	\$ 698	\$ 719
C.C. WEST GOSHEN OPER/MAINT	05-420-3850	\$ 539,224	\$ 700,000	\$ 850,000	\$ 875,500	\$ 901,765	\$ 928,818	\$ 956,682	\$ 985,383	\$ 1,014,944	\$ 1,045,393	\$ 1,076,755	\$ 1,109,057
C.C. WEST GOSHEN MISC CAPITAL	05-420-3851	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CHESTER CREEK EXPENSES		\$ 797,613	\$ 1,033,152	\$ 1,159,250	\$ 1,152,827	\$ 1,187,412	\$ 1,223,035	\$ 1,259,726	\$ 1,297,517	\$ 1,336,443	\$ 1,376,536	\$ 1,417,832	\$ 1,460,367
HIDLEY CREEK EXPENSES													
C.C. STP - WAGES	05-422-1400	\$ 49,539	\$ 20,696	\$ 52,016	\$ 53,576	\$ 55,183	\$ 56,839	\$ 58,544	\$ 60,300	\$ 62,109	\$ 63,973	\$ 65,892	\$ 67,868
C.C. COLLEC. - WAGES	05-422-1401	\$ 33,001	\$ 60,000	\$ 34,651	\$ 35,690	\$ 36,761	\$ 37,864	\$ 39,000	\$ 40,170	\$ 41,375	\$ 42,616	\$ 43,895	\$ 45,211
C.C. COLLECTIONS WAGES I&I	05-422-1402	\$ 10,326	\$ 7,223	\$ 10,842	\$ 11,168	\$ 11,503	\$ 11,848	\$ 12,203	\$ 12,569	\$ 12,946	\$ 13,335	\$ 13,735	\$ 14,147
C.C. STP - CHEMICALS	05-422-2440	\$ 123,321	\$ 116,295	\$ 129,487	\$ 133,371	\$ 137,373	\$ 141,494	\$ 145,739	\$ 150,111	\$ 154,614	\$ 159,252	\$ 164,030	\$ 168,951
C.C. COLLEC. - CHEMICALS	05-422-2441	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C.C. STP - VEHICLE OPER.	05-422-2510	\$ 45,071	\$ 5,918	\$ 47,324	\$ 48,744	\$ 50,206	\$ 51,713	\$ 53,264	\$ 54,862	\$ 56,508	\$ 58,203	\$ 59,949	\$ 61,747
C.C. COLLEC - VEHICLE OPER.	05-422-2511	\$ 17,514	\$ 14,802	\$ 18,390	\$ 18,942	\$ 19,510	\$ 20,095	\$ 20,698	\$ 21,319	\$ 21,959	\$ 22,617	\$ 23,296	\$ 23,995

\$10/QTR Sewer Rate Increase Beginning Q1 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 3,030,444	\$ 1,744,246	\$ 1,545,674	\$ 1,248,031	\$ 840,716	\$ 334,808	\$ (284,186)	\$ (1,014,993)	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
C. COLLECT.-VEH OPERATING - I&I	05-422-2512	\$ 7,545	\$ 3,631	\$ 7,922	\$ 8,159	\$ 8,404	\$ 8,656	\$ 8,916	\$ 9,184	\$ 9,459	\$ 9,743	\$ 10,035	\$ 10,336
C. STP-MINOR EQUIP.	05-422-2600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. COLLEC.-PROF.SERVICE	05-422-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. STP-UTILITIES	05-422-3600	\$ 90,915	\$ 121,961	\$ 95,460	\$ 98,324	\$ 101,274	\$ 104,312	\$ 107,441	\$ 110,665	\$ 113,985	\$ 117,404	\$ 120,926	\$ 124,554
C. COLLEC.-UTILITIES	05-422-3601	\$ 7,259	\$ 8,239	\$ 7,622	\$ 7,850	\$ 8,086	\$ 8,328	\$ 8,578	\$ 8,835	\$ 9,101	\$ 9,374	\$ 9,655	\$ 9,944
C. STP-MAINT.& REPAIRS	05-422-3700	\$ 100,546	\$ 143,381	\$ 105,573	\$ 108,741	\$ 112,003	\$ 115,363	\$ 118,824	\$ 122,389	\$ 126,060	\$ 129,842	\$ 133,737	\$ 137,749
C. COLLEC.-MAINT.& REPR	05-422-3701	\$ 57,922	\$ 62,172	\$ 60,818	\$ 62,642	\$ 64,521	\$ 66,457	\$ 68,451	\$ 70,504	\$ 72,620	\$ 74,798	\$ 77,042	\$ 79,353
C. COLLECTION-MAINT. & REP I&I	05-422-3702	\$ 32,078	\$ 28,941	\$ 33,682	\$ 34,693	\$ 35,733	\$ 36,805	\$ 37,909	\$ 39,047	\$ 40,218	\$ 41,425	\$ 42,667	\$ 43,947
C. STP-CONTRACTED SERV.	05-422-4500	\$ 214,511	\$ 221,578	\$ 225,237	\$ 231,994	\$ 238,954	\$ 246,122	\$ 253,506	\$ 261,111	\$ 268,945	\$ 277,013	\$ 285,323	\$ 293,883
C. SLUDGE-LAND CHESTER	05-422-4502	\$ 44,208	\$ 43,971	\$ 46,418	\$ 47,811	\$ 49,245	\$ 50,723	\$ 52,244	\$ 53,812	\$ 55,426	\$ 57,089	\$ 58,801	\$ 60,565
TOTAL RIDLEY CREEK EXPENSES		\$ 833,754	\$ 858,809	\$ 875,442	\$ 901,705	\$ 928,756	\$ 956,619	\$ 985,317	\$ 1,014,877	\$ 1,045,323	\$ 1,076,683	\$ 1,108,983	\$ 1,142,253
ADMINISTRATION													
MISCELLANEOUS EXPENSE	05-424-2700	\$ 182	\$ 201	\$ 191	\$ 197	\$ 203	\$ 209	\$ 215	\$ 222	\$ 228	\$ 235	\$ 242	\$ 249
ADMIN.- WAGES	05-429-1400	\$ 114,216	\$ 89,220	\$ 119,927	\$ 123,525	\$ 127,231	\$ 131,048	\$ 134,979	\$ 139,029	\$ 143,199	\$ 147,495	\$ 151,920	\$ 156,478
ONE CALL - WAGES	05-429-1401	\$ 6,801	\$ 3,424	\$ 7,141	\$ 7,356	\$ 7,576	\$ 7,804	\$ 8,038	\$ 8,279	\$ 8,527	\$ 8,783	\$ 9,047	\$ 9,318
ONE CALL - VEH OPER	05-429-2501	\$ 2,180	\$ -	\$ 2,289	\$ 2,358	\$ 2,429	\$ 2,502	\$ 2,577	\$ 2,654	\$ 2,733	\$ 2,816	\$ 2,900	\$ 2,987
ADMIN.-COMPUTER EXPENSES	05-429-2600	\$ -	\$ 6,388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN.-GENERAL EXPENSE	05-429-3000	\$ 37,811	\$ 1,029	\$ 39,702	\$ 40,893	\$ 42,120	\$ 43,383	\$ 44,685	\$ 46,026	\$ 47,406	\$ 48,828	\$ 50,293	\$ 51,802
ADMIN.-PAYMENT PORTAL	05-429-3001	\$ 7,661	\$ 5,431	\$ 8,045	\$ 8,286	\$ 8,534	\$ 8,790	\$ 9,054	\$ 9,326	\$ 9,606	\$ 9,894	\$ 10,191	\$ 10,496
ADMIN.- PROFESSIONAL SERV	05-429-3100	\$ 2,000	\$ 2,065	\$ 2,100	\$ 2,163	\$ 2,228	\$ 2,295	\$ 2,364	\$ 2,435	\$ 2,508	\$ 2,583	\$ 2,661	\$ 2,740
ADMIN - LEGAL	05-429-3140	\$ 675	\$ 3,530	\$ 709	\$ 730	\$ 752	\$ 775	\$ 798	\$ 822	\$ 847	\$ 872	\$ 898	\$ 925
ADMIN.- POSTAGE	05-429-3250	\$ 5,175	\$ 5,053	\$ 5,434	\$ 5,597	\$ 5,765	\$ 5,938	\$ 6,116	\$ 6,299	\$ 6,488	\$ 6,683	\$ 6,883	\$ 7,090
ADMIN. - PRINTING	05-429-3400	\$ 2,061	\$ 1,731	\$ 2,164	\$ 2,229	\$ 2,296	\$ 2,365	\$ 2,436	\$ 2,509	\$ 2,584	\$ 2,662	\$ 2,742	\$ 2,824
ADMIN.- INSURANCE	05-429-3500	\$ 32,611	\$ 26,901	\$ 34,242	\$ 35,269	\$ 36,327	\$ 37,417	\$ 38,539	\$ 39,695	\$ 40,886	\$ 42,113	\$ 43,376	\$ 44,677
ADMIN.-BLDG.OVERHEAD	05-429-3730	\$ 65,814	\$ 88,760	\$ 69,105	\$ 71,178	\$ 73,313	\$ 75,513	\$ 77,778	\$ 80,111	\$ 82,515	\$ 84,990	\$ 87,540	\$ 90,166
CONTR. SERV. SUMMIT HOUSE	05-429-4500	\$ 369,000	\$ 385,125	\$ 387,450	\$ 399,074	\$ 411,046	\$ 423,377	\$ 436,078	\$ 449,161	\$ 462,636	\$ 476,515	\$ 490,810	\$ 505,534
CONTR. SERV. CIDER KNOLL	05-429-4510	\$ 59,040	\$ 86,789	\$ 61,992	\$ 63,852	\$ 65,767	\$ 67,740	\$ 69,773	\$ 71,866	\$ 74,022	\$ 76,242	\$ 78,530	\$ 80,885
CONTR. SERV. MALVERN INSTITUTE	05-429-4520	\$ 7,949	\$ 10,732	\$ 8,346	\$ 8,596	\$ 8,854	\$ 9,120	\$ 9,394	\$ 9,675	\$ 9,966	\$ 10,265	\$ 10,573	\$ 10,890
LOCK BOX FEE	05-429-5000	\$ -	\$ 3,859	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bank Fees	05-429-5001	\$ 1,495	\$ 1,380	\$ 1,570	\$ 1,617	\$ 1,665	\$ 1,715	\$ 1,767	\$ 1,820	\$ 1,874	\$ 1,931	\$ 1,989	\$ 2,048
WRFA -DEBT SERV.-UPGRADE	05-471-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WRFA--PRINCIPAL PMT ON \$9,500,000	05-471-7220	\$ 405,000	\$ 421,000	\$ 421,000	\$ 438,000	\$ 455,000	\$ 473,000	\$ 492,000	\$ 512,000	\$ 533,000	\$ 554,000	\$ 576,000	\$ 599,000
WRFA - PRINCIPAL ON DIVERSION LOAN	05-471-7240	\$ 117,000	\$ 121,000	\$ 121,000	\$ 125,000	\$ 129,000	\$ 133,000	\$ 137,000	\$ 142,000	\$ 146,000	\$ 151,000	\$ 156,000	\$ 161,000
SERIES 2017 GO BONDS - PRINCIPAL	05-471-7250	\$ 125,000	\$ 130,000	\$ 130,000	\$ 135,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 155,000	\$ 160,000	\$ 160,000	\$ 160,000
WRFA -INTEREST -UPGRADE	05-472-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WRFA - INTEREST ON \$9,500,000 LOAN	05-472-7220	\$ 208,118	\$ 191,763	\$ 191,763	\$ 174,755	\$ 157,073	\$ 138,699	\$ 119,592	\$ 99,713	\$ 79,022	\$ 57,499	\$ 35,125	\$ 11,860
WRFA - INTEREST ON DIVERSION LOAN	05-472-7240	\$ 50,453	\$ 47,778	\$ 47,778	\$ 44,089	\$ 40,277	\$ 36,344	\$ 32,289	\$ 28,112	\$ 23,782	\$ 19,331	\$ 14,727	\$ 9,970
SERIES 2017 GO BONDS - INTEREST	05-472-7250	\$ 66,789	\$ 61,789	\$ 61,789	\$ 59,189	\$ 56,489	\$ 53,789	\$ 50,989	\$ 47,908	\$ 44,645	\$ 40,895	\$ 36,245	\$ 31,445
TRANSFER TO CAPITAL RESERVE FUND	05-492-0300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER TO MUNIC AUTHORITY	05-492-0700	\$ 90,979	\$ 100,000	\$ 100,000	\$ 789,182	\$ 2,033,404	\$ 801,701	\$ 806,125	\$ 810,684	\$ 815,379	\$ 820,215	\$ 825,196	\$ 830,326
TRANSFER TO BOND FUND - SEWER	05-492-0805	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER TO SEWER CAPITAL RESERVE	05-492-0900	\$ 290,000	\$ 800,706	\$ 800,706	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL ADMINISTRATIVE EXPENSES		\$ 2,118,013	\$ 2,595,652	\$ 2,624,443	\$ 2,538,134	\$ 3,802,350	\$ 2,596,523	\$ 2,627,584	\$ 2,665,344	\$ 2,687,854	\$ 2,720,846	\$ 2,753,886	\$ 2,782,713
TOTAL SEWER EXPENSES		\$ 3,749,379	\$ 4,487,612	\$ 4,659,134	\$ 4,592,666	\$ 5,918,518	\$ 4,776,176	\$ 4,872,627	\$ 4,977,738	\$ 5,069,620	\$ 5,174,065	\$ 5,280,702	\$ 5,385,333
NET RESULT FROM OPERATIONS		\$ 137,541	\$ (159,156)	\$ (372,357)	\$ 2,244,131	\$ (1,286,198)	\$ (198,572)	\$ (297,643)	\$ (407,315)	\$ (505,908)	\$ (618,995)	\$ (730,806)	\$ (833,871)
ESTIMATED ENDING FUND BALANCE		\$ 1,158,669	\$ 999,513	\$ 786,312	\$ 3,030,444	\$ 1,744,246	\$ 1,545,674	\$ 1,248,031	\$ 840,716	\$ 334,808	\$ (284,186)	\$ (1,014,993)	\$ (1,848,863)
SEWER RESERVE ENDING FUND BALANCE		\$ 2,384,772	\$ 1,736,425	\$ 2,273,212	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

\$20/QTR Sewer Rate Increase Beginning Q1 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 3,298,918	\$ 2,289,249	\$ 2,370,051	\$ 2,357,371	\$ 2,240,718	\$ 2,031,284	\$ 1,714,693	\$ 1,286,655	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
REVENUE													
INTEREST EARNINGS	05-341-1000	\$ 7,664	\$ 12,000	\$ 21,848	\$ 23,452	\$ 98,968	\$ 45,785	\$ 47,401	\$ 47,147	\$ 44,814	\$ 40,626	\$ 34,294	\$ 25,733
REVENUE - SEWER FEES	05-364-1000	\$ 3,749,490	\$ 4,148,573	\$ 4,174,857	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320	\$ 4,705,320
REVENUE - SEWER PENALTIES	05-364-1010	\$ 34,559	\$ 45,076	\$ 30,261	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290	\$ 35,290
REVENUE - LIEN PAYMENTS	05-364-1025	\$ 52,830	\$ 69,614	\$ 15,238	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527	\$ 23,527
REVENUE - SEWER CERTIFICATION FEES	05-364-1030	\$ 4,270	\$ 4,000	\$ 1,692	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
REVENUE - WG CONVEYANCE FEE	05-364-1040	\$ 22,649	\$ 20,935	\$ 21,563	\$ 22,209	\$ 22,876	\$ 23,562	\$ 24,269	\$ 24,997	\$ 25,747	\$ 26,519	\$ 27,315	\$ 28,134
ADMIN.COST FROM WESTTOWN	05-364-1060	\$ 2,896	\$ 4,827	\$ 2,250	\$ 2,500	\$ 2,575	\$ 2,652	\$ 2,732	\$ 2,814	\$ 2,898	\$ 2,985	\$ 3,075	\$ 3,167
WATER FEE FOR BARKWAY PUMP STATION	05-364-1070	\$ 12,562	\$ 21,625	\$ 15,419	\$ 15,881	\$ 16,358	\$ 16,849	\$ 17,354	\$ 17,875	\$ 18,411	\$ 18,963	\$ 19,532	\$ 20,118
WATER FEE FOR ASHBRIDGE PUMP STATION	05-364-1080	\$ -	\$ 1,807	\$ 3,650	\$ 1,880	\$ 1,936	\$ 1,994	\$ 2,054	\$ 2,116	\$ 2,179	\$ 2,245	\$ 2,312	\$ 2,381
WATER SEWER REVENUE/FROM SEWER RESRV	05-380-1000	\$ -	\$ -	\$ -	\$ 2,273,212	\$ -							
WATER INSURANCE CLAIMS	05-391-2000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WATER PRINC.&INTEREST M.A	05-392-0710	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUE		\$ 3,886,920	\$ 4,328,456	\$ 4,286,778	\$ 7,105,272	\$ 4,908,849	\$ 4,856,979	\$ 4,859,946	\$ 4,861,085	\$ 4,860,186	\$ 4,857,474	\$ 4,852,664	\$ 4,845,670
CHESTER CREEK EXPENSES													
CHESTER METERS - WAGES	05-420-1400	\$ 14,175	\$ 19,169	\$ 14,883	\$ 15,330	\$ 15,790	\$ 16,264	\$ 16,751	\$ 17,254	\$ 17,772	\$ 18,305	\$ 18,854	\$ 19,420
CHESTER INTERCEPTOR - WAGES	05-420-1401	\$ 16,865	\$ 3,985	\$ 17,708	\$ 18,239	\$ 18,786	\$ 19,350	\$ 19,930	\$ 20,528	\$ 21,144	\$ 21,779	\$ 22,432	\$ 23,105
CHESTER COLLECTION - WAGES	05-420-1402	\$ 28,629	\$ 40,637	\$ 30,060	\$ 30,962	\$ 31,891	\$ 32,848	\$ 33,833	\$ 34,848	\$ 35,894	\$ 36,971	\$ 38,080	\$ 39,222
CHESTER COLLECTION - WAGES - I&I	05-420-1404	\$ 1,282	\$ 2,015	\$ 1,346	\$ 1,387	\$ 1,428	\$ 1,471	\$ 1,515	\$ 1,561	\$ 1,608	\$ 1,656	\$ 1,705	\$ 1,757
CHESTER ASHBRIDGE WAGES	05-420-1405	\$ 11,284	\$ 12,844	\$ 11,848	\$ 12,204	\$ 12,570	\$ 12,947	\$ 13,335	\$ 13,735	\$ 14,147	\$ 14,572	\$ 15,009	\$ 15,459
CHESTER HILL VALLEY - WAGES	05-420-1406	\$ 10,925	\$ 22,762	\$ 11,471	\$ 11,815	\$ 12,169	\$ 12,534	\$ 12,911	\$ 13,298	\$ 13,697	\$ 14,108	\$ 14,531	\$ 14,967
CHESTER METERS - VEHICLE OPER.	05-420-2510	\$ 10,286	\$ 7,199	\$ 10,801	\$ 11,125	\$ 11,458	\$ 11,802	\$ 12,156	\$ 12,521	\$ 12,897	\$ 13,284	\$ 13,682	\$ 14,092
CHESTER INTERCEPT-VEHICLE OPER	05-420-2511	\$ 13,750	\$ 3,649	\$ 14,438	\$ 14,871	\$ 15,317	\$ 15,777	\$ 16,250	\$ 16,737	\$ 17,240	\$ 17,757	\$ 18,289	\$ 18,838
CHESTER COLLEC.-VEHICLE OPER.	05-420-2512	\$ 16,508	\$ 14,741	\$ 17,333	\$ 17,853	\$ 18,389	\$ 18,941	\$ 19,509	\$ 20,094	\$ 20,697	\$ 21,318	\$ 21,957	\$ 22,616
CHESTER COLLECT.-VEH OPER - I&I	05-420-2514	\$ 778	\$ 817	\$ 817	\$ 842	\$ 867	\$ 893	\$ 920	\$ 947	\$ 976	\$ 1,005	\$ 1,035	\$ 1,066
CHESTER ASHBRIDGE - VEHICLE OPER	05-420-2515	\$ 5,917	\$ 3,684	\$ 6,213	\$ 6,399	\$ 6,591	\$ 6,789	\$ 6,993	\$ 7,202	\$ 7,419	\$ 7,641	\$ 7,870	\$ 8,106
CHESTER HILL VALLEY - VEHICLE OPER	05-420-2516	\$ 5,991	\$ 17,224	\$ 6,291	\$ 6,480	\$ 6,674	\$ 6,874	\$ 7,080	\$ 7,293	\$ 7,512	\$ 7,737	\$ 7,969	\$ 8,208
CHESTER C. COLLEC.-PROF.SERVICES	05-420-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CHESTER METERS - UTILITIES	05-420-3600	\$ 125	\$ 135	\$ 131	\$ 135	\$ 139	\$ 143	\$ 148	\$ 152	\$ 157	\$ 161	\$ 166	\$ 171
CHESTER INTERCEPTOR-UTILITIES	05-420-3601	\$ 1,442	\$ 1,377	\$ 1,514	\$ 1,560	\$ 1,606	\$ 1,655	\$ 1,704	\$ 1,755	\$ 1,808	\$ 1,862	\$ 1,918	\$ 1,976
CHESTER COLLECTION - UTILITIES	05-420-3602	\$ 8,741	\$ 6,949	\$ 9,178	\$ 9,453	\$ 9,736	\$ 10,029	\$ 10,329	\$ 10,639	\$ 10,958	\$ 11,287	\$ 11,626	\$ 11,975
CHESTER ASHBRIDGE - UTILITIES	05-420-3603	\$ 6,492	\$ 7,172	\$ 6,817	\$ 7,021	\$ 7,232	\$ 7,449	\$ 7,673	\$ 7,903	\$ 8,140	\$ 8,384	\$ 8,635	\$ 8,895
CHESTER HILL VAL./BARKWAY UTILITIES	05-420-3604	\$ 4,449	\$ 3,900	\$ 4,672	\$ 4,812	\$ 4,956	\$ 5,105	\$ 5,258	\$ 5,416	\$ 5,578	\$ 5,746	\$ 5,918	\$ 6,096
CHESTER METERS-MAINT.& REPRS.	05-420-3700	\$ 13,616	\$ 11,176	\$ 14,296	\$ 14,725	\$ 15,167	\$ 15,622	\$ 16,091	\$ 16,573	\$ 17,071	\$ 17,583	\$ 18,110	\$ 18,654
CHESTER INTERCEPT.-MAINT.&REP	05-420-3701	\$ 12,902	\$ 3,142	\$ 13,548	\$ 13,954	\$ 14,373	\$ 14,804	\$ 15,248	\$ 15,705	\$ 16,176	\$ 16,662	\$ 17,162	\$ 17,676
CHESTER COLLEC.-MAINT.& REPR.	05-420-3702	\$ 41,160	\$ 118,968	\$ 81,160	\$ 42,394	\$ 43,666	\$ 44,976	\$ 46,325	\$ 47,715	\$ 49,147	\$ 50,621	\$ 52,140	\$ 53,704
CHESTER INTERCEPT.-MAINT & REP - I&I	05-420-3703	\$ 5,499	\$ 5,774	\$ 5,774	\$ 5,947	\$ 6,125	\$ 6,309	\$ 6,498	\$ 6,693	\$ 6,894	\$ 7,101	\$ 7,314	\$ 7,534
CHESTER C. COLLECT.-MAINT & REP - I&I	05-420-3704	\$ 7,844	\$ 8,237	\$ 8,237	\$ 8,484	\$ 8,738	\$ 9,000	\$ 9,270	\$ 9,549	\$ 9,835	\$ 10,130	\$ 10,434	\$ 10,747
CHESTER ASHBRIDGE-MAINT.&REPR	05-420-3705	\$ 19,203	\$ 16,188	\$ 20,163	\$ 20,768	\$ 21,391	\$ 22,033	\$ 22,694	\$ 23,375	\$ 24,076	\$ 24,798	\$ 25,542	\$ 26,308
CHESTER BARKWAY -MAINT.& REPR.	05-420-3706	\$ 525	\$ 1,409	\$ 551	\$ 568	\$ 585	\$ 602	\$ 620	\$ 639	\$ 658	\$ 678	\$ 698	\$ 719
CHESTER WEST GOSHEN OPER/MAINT	05-420-3850	\$ 539,224	\$ 700,000	\$ 850,000	\$ 875,500	\$ 901,765	\$ 928,818	\$ 956,682	\$ 985,383	\$ 1,014,944	\$ 1,045,393	\$ 1,076,755	\$ 1,109,057
CHESTER WEST GOSHEN MISC CAPITAL	05-420-3851	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL CHESTER CREEK EXPENSES		\$ 797,613	\$ 1,033,152	\$ 1,159,250	\$ 1,152,827	\$ 1,187,412	\$ 1,223,035	\$ 1,259,726	\$ 1,297,517	\$ 1,336,443	\$ 1,376,536	\$ 1,417,832	\$ 1,460,367
DOLEY CREEK EXPENSES													
CHESTER STP- WAGES	05-422-1400	\$ 49,539	\$ 20,696	\$ 52,016	\$ 53,576	\$ 55,183	\$ 56,839	\$ 58,544	\$ 60,300	\$ 62,109	\$ 63,973	\$ 65,892	\$ 67,868
CHESTER COLLEC.- WAGES	05-422-1401	\$ 33,001	\$ 60,000	\$ 34,651	\$ 35,690	\$ 36,761	\$ 37,864	\$ 39,000	\$ 40,170	\$ 41,375	\$ 42,616	\$ 43,895	\$ 45,211
CHESTER COLLECTIONS WAGES I&I	05-422-1402	\$ 10,326	\$ 7,223	\$ 10,842	\$ 11,168	\$ 11,503	\$ 11,848	\$ 12,203	\$ 12,569	\$ 12,946	\$ 13,335	\$ 13,735	\$ 14,147
CHESTER STP- CHEMICALS	05-422-2440	\$ 123,321	\$ 116,295	\$ 129,487	\$ 133,371	\$ 137,373	\$ 141,494	\$ 145,739	\$ 150,111	\$ 154,614	\$ 159,252	\$ 164,030	\$ 168,951
CHESTER C. COLLEC.-CHEMICALS	05-422-2441	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CHESTER STP-VEHICLE OPER.	05-422-2510	\$ 45,071	\$ 5,918	\$ 47,324	\$ 48,744	\$ 50,206	\$ 51,713	\$ 53,264	\$ 54,862	\$ 56,508	\$ 58,203	\$ 59,949	\$ 61,747
CHESTER COLLEC-VEHICLE OPER.	05-422-2511	\$ 17,514	\$ 14,802	\$ 18,390	\$ 18,942	\$ 19,510	\$ 20,095	\$ 20,698	\$ 21,319	\$ 21,959	\$ 22,617	\$ 23,296	\$ 23,995

\$20/QTR Sewer Rate Increase Beginning Q1 2024

ESTIMATED BEGINNING FUND BALANCE		\$ 1,158,669	\$ 1,158,669	\$ 786,312	\$ 3,298,918	\$ 2,289,249	\$ 2,370,051	\$ 2,357,371	\$ 2,240,718	\$ 2,031,284	\$ 1,714,693	\$ 1,286,655	
Account Title	Acct #	Actual 2022	Budget 2023	Estimate 2023	Estimate 2024	Estimate 2025	Estimate 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032
C. COLLECT.-VEH OPERATING - I&I	05-422-2512	\$ 7,545	\$ 3,631	\$ 7,922	\$ 8,159	\$ 8,404	\$ 8,656	\$ 8,916	\$ 9,184	\$ 9,459	\$ 9,743	\$ 10,035	\$ 10,336
C. STP-MINOR EQUIP.	05-422-2600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. COLLEC.-PROF.SERVICE	05-422-3102	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C. STP-UTILITIES	05-422-3600	\$ 90,915	\$ 121,961	\$ 95,460	\$ 98,324	\$ 101,274	\$ 104,312	\$ 107,441	\$ 110,665	\$ 113,985	\$ 117,404	\$ 120,926	\$ 124,554
C. COLLEC.-UTILITIES	05-422-3601	\$ 7,259	\$ 8,239	\$ 7,622	\$ 7,850	\$ 8,086	\$ 8,328	\$ 8,578	\$ 8,835	\$ 9,101	\$ 9,374	\$ 9,655	\$ 9,944
C. STP-MAINT.& REPAIRS	05-422-3700	\$ 100,546	\$ 143,381	\$ 105,573	\$ 108,741	\$ 112,003	\$ 115,363	\$ 118,824	\$ 122,389	\$ 126,060	\$ 129,842	\$ 133,737	\$ 137,749
C. COLLEC.-MAINT.& REPR	05-422-3701	\$ 57,922	\$ 62,172	\$ 60,818	\$ 62,642	\$ 64,521	\$ 66,457	\$ 68,451	\$ 70,504	\$ 72,620	\$ 74,798	\$ 77,042	\$ 79,353
C. COLLECTION-MAINT. & REP I&I	05-422-3702	\$ 32,078	\$ 28,941	\$ 33,682	\$ 34,693	\$ 35,733	\$ 36,805	\$ 37,909	\$ 39,047	\$ 40,218	\$ 41,425	\$ 42,667	\$ 43,947
C. STP-CONTRACTED SERV.	05-422-4500	\$ 214,511	\$ 221,578	\$ 225,237	\$ 231,994	\$ 238,954	\$ 246,122	\$ 253,506	\$ 261,111	\$ 268,945	\$ 277,013	\$ 285,323	\$ 293,883
C. SLUDGE-LAND CHESTER	05-422-4502	\$ 44,208	\$ 43,971	\$ 46,418	\$ 47,811	\$ 49,245	\$ 50,723	\$ 52,244	\$ 53,812	\$ 55,426	\$ 57,089	\$ 58,801	\$ 60,565
TOTAL RIDLEY CREEK EXPENSES		\$ 833,754	\$ 858,809	\$ 875,442	\$ 901,705	\$ 928,756	\$ 956,619	\$ 985,317	\$ 1,014,877	\$ 1,045,323	\$ 1,076,683	\$ 1,108,983	\$ 1,142,253
ADMINISTRATION													
MISCELLANEOUS EXPENSE	05-424-2700	\$ 182	\$ 201	\$ 191	\$ 197	\$ 203	\$ 209	\$ 215	\$ 222	\$ 228	\$ 235	\$ 242	\$ 249
ADMIN.- WAGES	05-429-1400	\$ 114,216	\$ 89,220	\$ 119,927	\$ 123,525	\$ 127,231	\$ 131,048	\$ 134,979	\$ 139,029	\$ 143,199	\$ 147,495	\$ 151,920	\$ 156,478
ADMIN.- ONE CALL - WAGES	05-429-1401	\$ 6,801	\$ 3,424	\$ 7,141	\$ 7,356	\$ 7,576	\$ 7,804	\$ 8,038	\$ 8,279	\$ 8,527	\$ 8,783	\$ 9,047	\$ 9,318
ADMIN.- ONE CALL - VEH OPER	05-429-2501	\$ 2,180	\$ -	\$ 2,289	\$ 2,358	\$ 2,429	\$ 2,502	\$ 2,577	\$ 2,654	\$ 2,733	\$ 2,816	\$ 2,900	\$ 2,987
ADMIN.-COMPUTER EXPENSES	05-429-2600	\$ -	\$ 6,388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN.-GENERAL EXPENSE	05-429-3000	\$ 37,811	\$ 1,029	\$ 39,702	\$ 40,893	\$ 42,120	\$ 43,383	\$ 44,685	\$ 46,026	\$ 47,406	\$ 48,828	\$ 50,293	\$ 51,802
ADMIN.-PAYMENT PORTAL	05-429-3001	\$ 7,661	\$ 5,431	\$ 8,045	\$ 8,286	\$ 8,534	\$ 8,790	\$ 9,054	\$ 9,326	\$ 9,606	\$ 9,894	\$ 10,191	\$ 10,496
ADMIN.- PROFESSIONAL SERV	05-429-3100	\$ 2,000	\$ 2,065	\$ 2,100	\$ 2,163	\$ 2,228	\$ 2,295	\$ 2,364	\$ 2,435	\$ 2,508	\$ 2,583	\$ 2,661	\$ 2,740
ADMIN - LEGAL	05-429-3140	\$ 675	\$ 3,530	\$ 709	\$ 730	\$ 752	\$ 775	\$ 798	\$ 822	\$ 847	\$ 872	\$ 898	\$ 925
ADMIN.- POSTAGE	05-429-3250	\$ 5,175	\$ 5,053	\$ 5,434	\$ 5,597	\$ 5,765	\$ 5,938	\$ 6,116	\$ 6,299	\$ 6,488	\$ 6,683	\$ 6,883	\$ 7,090
ADMIN. - PRINTING	05-429-3400	\$ 2,061	\$ 1,731	\$ 2,164	\$ 2,229	\$ 2,296	\$ 2,365	\$ 2,436	\$ 2,509	\$ 2,584	\$ 2,662	\$ 2,742	\$ 2,824
ADMIN.- INSURANCE	05-429-3500	\$ 32,611	\$ 26,901	\$ 34,242	\$ 35,269	\$ 36,327	\$ 37,417	\$ 38,539	\$ 39,695	\$ 40,886	\$ 42,113	\$ 43,376	\$ 44,677
ADMIN.-BLDG.OVERHEAD	05-429-3730	\$ 65,814	\$ 88,760	\$ 69,105	\$ 71,178	\$ 73,313	\$ 75,513	\$ 77,778	\$ 80,111	\$ 82,515	\$ 84,990	\$ 87,540	\$ 90,166
ADMINTR. SERV. SUMMITT HOUSE	05-429-4500	\$ 369,000	\$ 385,125	\$ 387,450	\$ 399,074	\$ 411,046	\$ 423,377	\$ 436,078	\$ 449,161	\$ 462,636	\$ 476,515	\$ 490,810	\$ 505,534
ADMINTR. SERV. CIDER KNOLL	05-429-4510	\$ 59,040	\$ 86,789	\$ 61,992	\$ 63,852	\$ 65,767	\$ 67,740	\$ 69,773	\$ 71,866	\$ 74,022	\$ 76,242	\$ 78,530	\$ 80,885
ADMINTR. SERV. MALVERN INSTITUTE	05-429-4520	\$ 7,949	\$ 10,732	\$ 8,346	\$ 8,596	\$ 8,854	\$ 9,120	\$ 9,394	\$ 9,675	\$ 9,966	\$ 10,265	\$ 10,573	\$ 10,890
ADMIN. LOCK BOX FEE	05-429-5000	\$ -	\$ 3,859	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN. Bank Fees	05-429-5001	\$ 1,495	\$ 1,380	\$ 1,570	\$ 1,617	\$ 1,665	\$ 1,715	\$ 1,767	\$ 1,820	\$ 1,874	\$ 1,931	\$ 1,989	\$ 2,048
ADMIN. W/IFA -DEBT SERV.-UPGRADE	05-471-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN. W/IFA--PRINCIPAL PMT ON \$9,500,000	05-471-7220	\$ 405,000	\$ 421,000	\$ 421,000	\$ 438,000	\$ 455,000	\$ 473,000	\$ 492,000	\$ 512,000	\$ 533,000	\$ 554,000	\$ 576,000	\$ 599,000
ADMIN. W/IFA - PRINCIPAL ON DIVERSION LOAN	05-471-7240	\$ 117,000	\$ 121,000	\$ 121,000	\$ 125,000	\$ 129,000	\$ 133,000	\$ 137,000	\$ 142,000	\$ 146,000	\$ 151,000	\$ 156,000	\$ 161,000
ADMIN. SERIES 2017 GO BONDS - PRINCIPAL	05-471-7250	\$ 125,000	\$ 130,000	\$ 130,000	\$ 135,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 155,000	\$ 160,000	\$ 160,000	\$ 160,000
ADMIN. W/IFA -INTEREST -UPGRADE	05-472-7200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN. W/IFA - INTEREST ON \$9,500,000 LOAN	05-472-7220	\$ 208,118	\$ 191,763	\$ 191,763	\$ 174,755	\$ 157,073	\$ 138,699	\$ 119,592	\$ 99,713	\$ 79,022	\$ 57,499	\$ 35,125	\$ 11,860
ADMIN. W/IFA - INTEREST ON DIVERSION LOAN	05-472-7240	\$ 50,453	\$ 47,778	\$ 47,778	\$ 44,089	\$ 40,277	\$ 36,344	\$ 32,289	\$ 28,112	\$ 23,782	\$ 19,331	\$ 14,727	\$ 9,970
ADMIN. SERIES 2017 GO BONDS - INTEREST	05-472-7250	\$ 66,789	\$ 61,789	\$ 61,789	\$ 59,189	\$ 56,489	\$ 53,789	\$ 50,989	\$ 47,908	\$ 44,645	\$ 40,895	\$ 36,245	\$ 31,445
ADMIN. TRANSFER TO CAPITAL RESERVE FUND	05-492-0300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN. TRANSFER TO MUNIC AUTHORITY	05-492-0700	\$ 90,979	\$ 100,000	\$ 100,000	\$ 789,182	\$ 2,033,404	\$ 801,701	\$ 806,125	\$ 810,684	\$ 815,379	\$ 820,215	\$ 825,196	\$ 830,326
ADMIN. TRANSFER TO BOND FUND - SEWER	05-492-0805	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN. TRANSFER TO SEWER CAPITAL RESERVE	05-492-0900	\$ 290,000	\$ 800,706	\$ 800,706	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL ADMINISTRATIVE EXPENSES		\$ 2,118,013	\$ 2,595,652	\$ 2,624,443	\$ 2,538,134	\$ 3,802,350	\$ 2,596,523	\$ 2,627,584	\$ 2,665,344	\$ 2,687,854	\$ 2,720,846	\$ 2,753,886	\$ 2,782,713
TOTAL SEWER EXPENSES		\$ 3,749,379	\$ 4,487,612	\$ 4,659,134	\$ 4,592,666	\$ 5,918,518	\$ 4,776,176	\$ 4,872,627	\$ 4,977,738	\$ 5,069,620	\$ 5,174,065	\$ 5,280,702	\$ 5,385,333
NET RESULT FROM OPERATIONS		\$ 137,541	\$ (159,156)	\$ (372,357)	\$ 2,512,606	\$ (1,009,669)	\$ 80,803	\$ (12,681)	\$ (116,653)	\$ (209,434)	\$ (316,591)	\$ (428,038)	\$ (539,663)
ESTIMATED ENDING FUND BALANCE		\$ 1,158,669	\$ 999,513	\$ 786,312	\$ 3,298,918	\$ 2,289,249	\$ 2,370,051	\$ 2,357,371	\$ 2,240,718	\$ 2,031,284	\$ 1,714,693	\$ 1,286,655	\$ 746,992
SEWER RESERVE ENDING FUND BALANCE		\$ 2,384,772	\$ 1,736,425	\$ 2,273,212	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

MEMO

Date: May 30, 2023

From: Derek Davis, Township Manager

To: Board of Supervisors

Re: Environmental & Sustainability Advisory Council Resignation – Alice Lenthe

The Township has received notice from Alice Lenthe that she is moving out of East Goshen and, therefore, will need to resign her position as member and Vice Chair of the Environmental & Sustainability Advisory Council (ESAC), effective immediately.

We will be searching for a resident to join the ESAC but, in the meantime, I request the board officially accept her resignation.

We thank Alice for her service.

DRAFT MOTION: Mr. Chairman, I move we accept the resignation of Alice Lenthe from the Environmental and Sustainability Advisory Council effective immediately.