AGENDA
EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS
1580 Paoli Pike, 2nd Floor
Tuesday, October 20, 2026
7:00 PM

To Join Zoom Meeting:
Link: Register in advance for this meeting:
https://us02web.zoom.us/meeting/register/OLglT2YGSPm-CXIm1ERInQ

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
   a. The board met in executive session prior to this meeting to discuss personnel matters.
5. Public Comment (7:05 PM to 7:15 PM)
6. Emergency Services Reports (7:15 PM to 7:25 PM)
   a. WEGO – Chief David Leahy
   b. Goshen Fire Co – September 2026
   c. Malvern Fire Co – None
   d. Good Fellowship – September 2026
7. Public Hearings
   a. Aqua of Pennsylvania Conditional Use hearing for existing treatment facility – Thorncroft Drive. (7:25 PM to 7:40 PM)
8. Financial Report – As of September 30, 2026 (7:40 PM to 7:45 PM)
9. Approval of Minutes and Treasurer's Report (7:45 PM to 7:50 PM)
   a. Minutes – None
   b. Treasurer's Report – October 1, 2026 to October 15, 2026
10. Old Business
11. New Business
    a. 2027 Sewer Rate recommendation from the Municipal Authority. (7:50 PM to 7:55 PM)
    b. 1338 Morstein Road – Financial Security Release #1. (7:55 PM to 8:00 PM)
    c. 2027 General Fund Budget Presentation and Discussion – Part 2. (8:00 PM to 8:30 PM)
12. Any Other Matter (8:30 PM to 8:35 PM)

13. Public Comment (8:35 PM to 8:50 PM)
14. Liaison Reports (8:50 PM to 8:55 PM)
15. Correspondence, Reports of Interest.
16. Adjournment (9:00 PM)

GOSHEN FIRE COMPANY
SEPTEMBER 2026
MONTHLY OPERATIONS REPORT
FOR FIRE, EMS AND FIRE POLICE

SUMMARY

For September,

Goshen's Fire, EMS and Fire Police members continued a very busy year with a total of 511 responses, averaging slightly over 17 calls per day.

Fire calls continue to run 17% above last year, and EMS calls a running 4% above last year.

Our fire police team had a very busy month with 35 responses and details, with 4 events over 2 hours in duration.

Our volunteers and career staff are gearing up for a busy Fire Prevention month, with 17 scheduled school visits and our annual Fire Prevention Open House on October 9th.

Notable Incidents

9/2	Electrical Fire	1507 McDaniel Dr.	Westtown
9/20	Appliance Fire	101 N Five Points Rd.	West Goshen
9/28	Electrical Fire	1380 Enterprise Dr.	East Goshen
9/29	MVA Entrapment	1529 E Strasburg Rd.	East Goshen

Major Events & Fundraising

Fifteen Week Club Raffle	Mailed mid-August
Annual Fire Prevention Open House – Park Ave.	Friday, Oct. 9th 6p-8p
Annual Ambulance Subscription Drive	Mailing late November

YEAR TO DATE SUMMARY

YTD 2026 Responses	Monthly Responses	Monthly Manhours	YTD 2026 Responses	YTD 2026 Manhours	YTD 2025 Responses	YOY Variance
East Goshen	19	43	254	731	215	18%
West Goshen	16	24	194	539	172	13%
Westtown	14	24	80	213	79	1%
Willistown	7	24	43	87	39	10%
Other	2	2	89	395	58	53%
Total - Fire	58	117	660	1965	563	17%

Fire Police Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2026 Responses	YTD 2026 Manhours	YTD 2025 Responses	YOY Variance
East Goshen	6	26	69	331	67	3%
West Goshen	12	41	104	279	99	5%
Westtown	9	51	41	142	44	-7%
Willistown	3	17	12	55	32	-63%
Other	5	29	31	171	33	-6%
Total - Fire Police	35	164	257	978	275	-7%

EMS Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2026 Responses	YTD 2026 Manhours	YTD 2025 Responses	YOY Variance
East Goshen	205	333	1862	3849	1802	3%
West Goshen	136	225	1290	2379	1063	21%
Westtown	40	87	293	592	300	-2%
Willistown	24	46	242	533	339	-29%
Other	13	11	147	203	184	-20%
Total - EMS	418	702	3834	7556	3688	4%

Total Responses per Municipality	Monthly Responses	Monthly Manhours	YTD 2026 Responses	YTD 2026 Manhours	YTD 2025 Responses	YOY Variance
East Goshen	230	402	2185	4911	2084	5%
West Goshen	164	290	1588	3197	1334	19%
Westtown	63	162	414	947	423	-2%
Willistown	34	87	297	675	410	-28%
Other	20	42	267	769	275	-3%
Total - Goshen Fire Company	511	983	4751	10499	4526	5%

Fire Response Data

Calls by Incident Type - month

TYPE CALLS	MONTH	YTD
Accident - ALS	1	14
Accident - BLS	1	27
Accident - Entrapment	0	9
ACCIDENT - FIRE	1	7
ACCIDENT - PEDESTRIAN STRUCK	1	7
ACCIDENT - VEHICLE VS BLDG	0	2
ALARM – CARBON MONOXIDE	2	35
ALARM - GAS	1	3
ALARM FIRE	24	234
FIRE - APARTMENT BUILDING FIRE	1	6
FIRE - APPLIANCE FIRE	0	11
FIRE - ASSIST THE AMBULANCE	9	62
FIRE - ASSIST THE POLICE DEPARTMENT	0	1
FIRE - BBQ GRILL - FIRE/GAS LEAK	0	2
FIRE - BRUSH	1	9
FIRE - BUILDING	3	19
FIRE - BURNING COMPLAINT	0	1
FIRE - CARBON MONOXIDE INCIDENT	0	3
FIRE - CHIMNEY	0	2
FIRE - ELECTRICAL FIRE INSIDE	2	5
FIRE - FORCIBLE ENTRY	0	3
FIRE - FUEL SPILL	0	4
FIRE - GAS LEAK INSIDE	0	24
FIRE - GAS LEAK OUTSIDE	0	9
FIRE - HELICOPTER LANDING/STANDBY	0	1
FIRE - HOUSE FIRE	0	34
FIRE - MULCH	0	1
FIRE - NOTIFY FIRE CHIEF	2	13
FIRE - ODOR INVESTIGATION INSIDE	0	17
FIRE - OUT BUILDING/SHED	0	1
FIRE - POLES,WIRES,TRANSFORMER FIRE	6	33
FIRE - PUBLIC SERVICE	1	16
FIRE - RELOCATE FIRE/EMS UNITS	0	6
FIRE - RESIDENTIAL RESCUE	0	3
FIRE - SMOKE/ODOR INVEST OUTSIDE	2	17
FIRE - STUCK/MALFUNCTIONING ELEVATOR	0	7
FIRE - TRASH/DUMPSTER FIRE	0	4
FIRE - VEHICLE	0	8

EMS Response Data

	MONTH	YTD
Total Calls	418	3951

Calls to Assisted Living and Retirement Communities	MONTH	YTD
Arbor Terrace Willistown	9	104
Bellingham	32	243
Bryn Mawr Rehab	0	7
Harrison Hill Apartments	5	39
Hershey's Mill	43	478
Merrill Gardens	26	214
Park Lane	20	138
Pembrooke	33	347
Wellington	50	357

Patients Treated	MONTH	YTD
Patients Treated (Total)	353	3212
Patients Treated - Age 65 and Over	280	2400
	79%	75%

Transports	MONTH	YTD
Total Patients transported	280	2670
Calls with no transport	109	972

Transport Destination	MONTH	YTD
Bryn Mawr Hospital	0	3
Chester County Hospital	183	1634
CHOP KOP	1	16
CHOP PHILA	0	2
Nemours Childrens Hospital	0	2
Paoli Memorial Hospital	95	1007
Riddle Memorial Hospital	1	5
OTHER	**0**	**1**

Patient Transfer Time	MONTH	YTD
Maximum (minutes)	**129**	**180**

EMS Response Data, continued

TYPE CALLS	MONTH	YTD
ACCIDENT-ALS	2	18
ACCIDENT-BLS	17	125
ACCIDENT-ENTRAPMENT		9
ACCIDENT-FIRE	1	7
ACCIDENT-PEDESTRIAN STRUCK	1	10
ACCIDENT-VEHICLE VS BLDG		2
ALARM-MEDICAL - BLS	15	135
FALL / LIFT ASSIST - BLS		1
FIRE STANDBY	12	164
MEDICAL-ABDOMINAL PAIN - BLS	8	98
MEDICAL-ALLERGC/MED REACTION - ALS		12
MEDICAL-ALLERGC/MED REACTION - BLS	1	6
MEDICAL-ASSAULT W/ INJ (JO/IP) - ALS		4
MEDICAL-ASSAULT W/ INJ (JO/IP) - BLS	1	9
MEDICAL-BACK PAIN - BLS	10	67
MEDICAL-BURNS - CHEMICAL - ALS	1	2
MEDICAL-BURNS - MISC - ALS		1
MEDICAL-CARDIAC/RESP ARREST - ALS	14	52
MEDICAL-CHOKING - ALS	2	10
MEDICAL-CVA/STROKE - ALS	11	109
MEDICAL-DIABETIC EMERGENCY - ALS	4	38
MEDICAL-DOA - BLS	1	26
MEDICAL-ELECTROCUTION - ALS		1
MEDICAL-EMOTIONAL DISORDER - BLS	9	70
MEDICAL-EMS STANDBY	5	16
MEDICAL-EXPOSURE TO HEAT/COLD - ALS	1	6
MEDICAL-EXPOSURE TO HEAT/COLD - BLS		3
MEDICAL-FALL / LIFT ASSIST - BLS	108	905
MEDICAL-FALLS - ALS	9	94
MEDICAL-HEART PROBLEMS - ALS	27	267
MEDICAL-HEMORRHAGING - ALS	7	54
MEDICAL-HEMORRHAGING - BLS	4	31
MEDICAL-HYPO TENSION - ALS	8	61
MEDICAL-INJURED PERSON - ALS	2	18
MEDICAL-INJURED PERSON - BLS	19	177
MEDICAL-MATERNITY/LABOR PAIN - ALS		3
MEDICAL-MATERNITY/LABOR PAIN - BLS		1
MEDICAL-OVERDOSE - ALS	3	24
MEDICAL-OVERDOSE - BLS	2	26
MEDICAL-POISONING - ALS		1
MEDICAL-RESPIRATORY DIFFICULTY - ALS	30	409
MEDICAL-SEIZURES - ALS	5	45
MEDICAL-SEIZURES - BLS		7
MEDICAL-SHOOTING - W/INJ (JO/IP)-ALS	2	5
MEDICAL-SICK PERSON - BLS	52	506
MEDICAL-SYNCOPE - ALS	5	57
MEDICAL-SYNCOPE - BLS		9
MEDICAL-UNCONSCIOUS PERSON - ALS	8	56
MEDICAL-UNKNOWN NATURE - BLS	3	17

EMS Response Data, continued

ALS / BLS Dispatches and their dispositions	MONTH	YTD
Dispatched as ALS	137	1313
Transported as ALS	53	537
Transported as BLS	53	551
No Transport	31	225
Dispatched as BLS	268	2403
Transported as BLS	160	1433
Transported as ALS	1	24
No Transport	107	946

Patients Treated By ALS Units (Total)	MONTH	YTD
GFAC	42	472
MALVERN	17	136
MINQUAS	0	1
PAOLI	0	1
OTHER	1	7

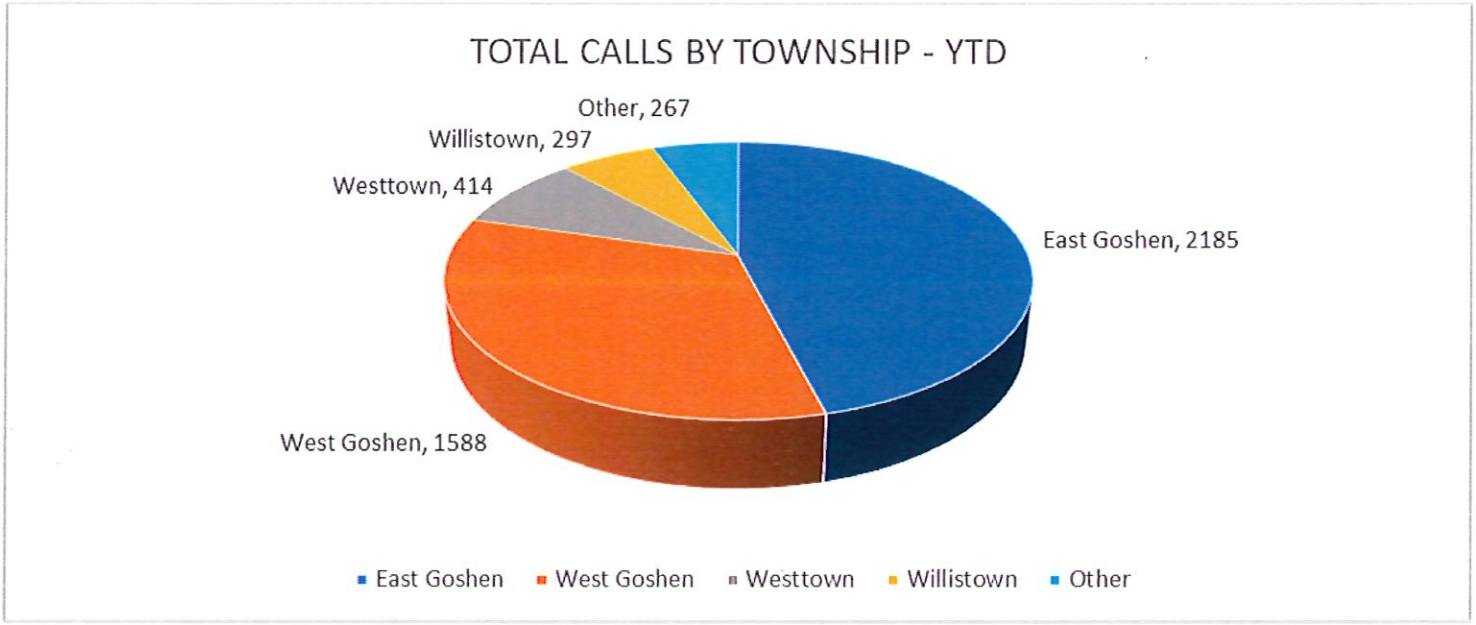
Unit Statistics - Call Counts by Unit	MONTH	YTD
A54-1	148	739
A54-2	0	56
A54-3	57	1119
A56-1	164	1362
A56-2	49	567

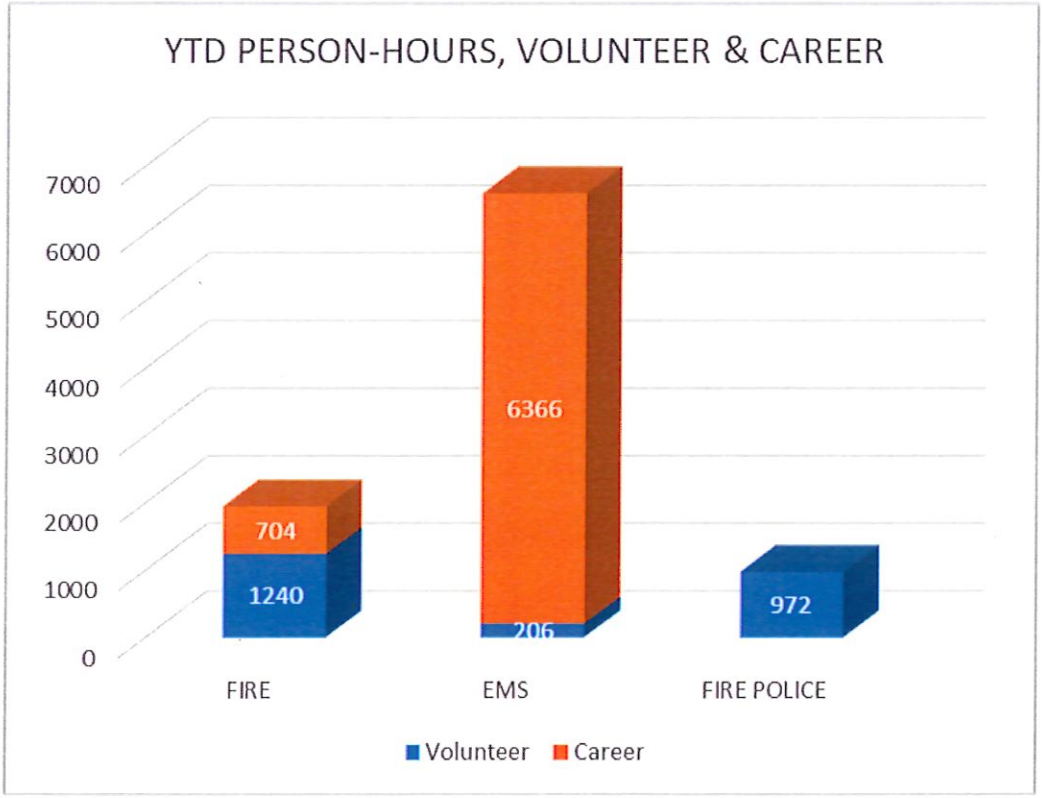
Fire Police Response Data

	MONTH	YTD
Total Calls	35	256
Hours In Service	36	222
Person Hours In Service	161	955
Calls 2 Hours or longer	4	28

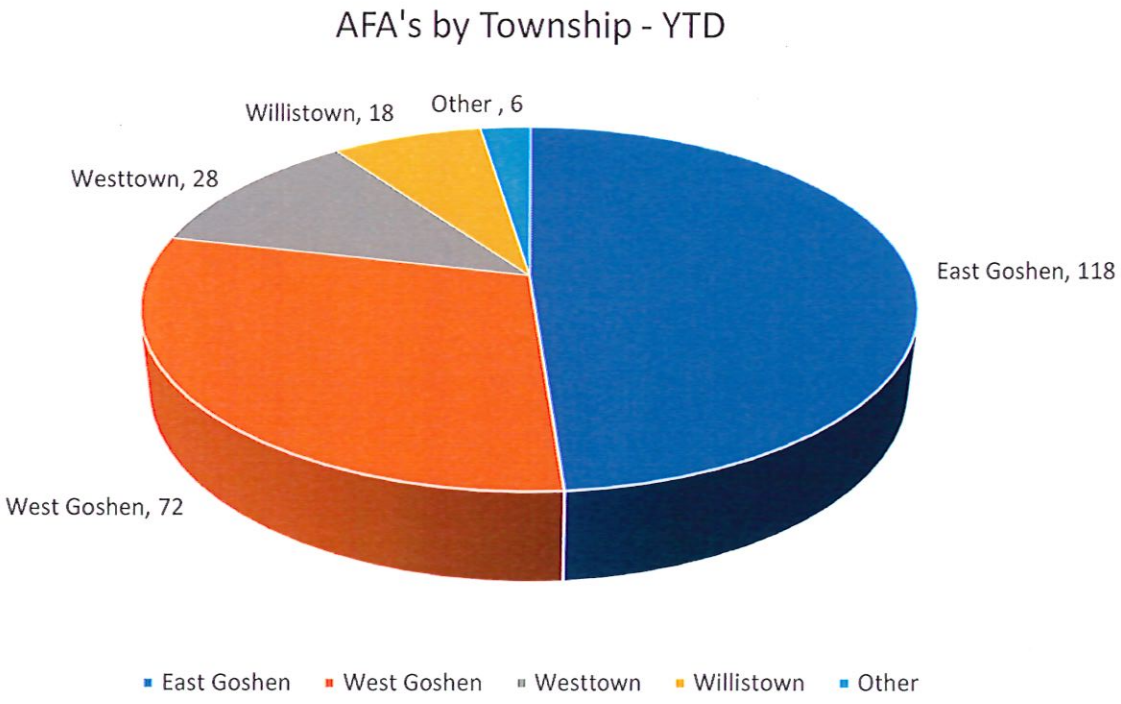
Calls by Nature	MONTH	YTD
Appliance	1	6
Assist PD	0	2
Brush	1	7
Building	3	11
Chimney Fire	0	2
Dwelling	0	9
Electrical Fire Inside	2	5
Fire	0	2
Fuel Spill	0	4
Gas Leak	0	11
Helicopter Landing Zone	0	1
MVA	13	132
Odor Investigation	1	8
Pedestrian Struck	1	3
Special Duty	5	11
Traffic Control Assist	1	4
Transformer	0	2
Trash	0	3
Trees & Wires	7	25
Vehicle Fire	0	8

CHARTS


TOTAL CALLS BY TOWNSHIP - YTD
Other, 267
Willistown, 297
Westtown, 414
East Goshen, 2185
West Goshen, 1588
East Goshen
West Goshen
Westtown
Willistown
Other


YTD PERSON-HOURS, VOLUNTEER & CAREER
7000
6000
5000
4000
3000
2000
1000
0
704
1240
6366
206
972
FIRE
EMS
FIRE POLICE
Volunteer
Career

CHARTS


AFA's by Township - YTD
Willistown, 18
Other , 6
Westtown, 28
East Goshen, 118
West Goshen, 72
East Goshen
West Goshen
Westtown
Willistown
Other

2026 GOSHEN FIRE COMPANY AUTOMATIC ALARM REPORT

Addresses With More Than 1 Alarm Year-to-Date

LOCATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
1301 WILSON DR 53-East Goshen Township-Goshen Fire	1					1		1					3
1312 ROBYNWOOD LN 53-East Goshen Township-Goshen Fire					1			1					2
1361 BOOT RD 53-East Goshen Township-Goshen Fire	3						2						5
1373 ENTERPRISE DR 53-East Goshen Township-Goshen Fire				1		2							3
1409 BOOT RD 53-East Goshen Township-Goshen Fire						2							2
1600 RAEWYCK DR 53-East Goshen Township-Goshen Fire			1	1									2
1604 PAOLI PIKE 53-East Goshen Township-Goshen Fire		1					1	3	1				6
1615 E BOOT RD 53-East Goshen Township-Goshen Fire	1	3	2	2	2		2	1	2				15
1712 E BOOT RD 53-East Goshen Township-Goshen Fire				1					1				2
1716 CLOCKTOWER DR 53-East Goshen Township-Goshen Fire	1			1									2
206 APPLEBROOK DR 53-East Goshen Township-Goshen Fire			2										2
2621 EAGLE RD 53-East Goshen Township-Goshen Fire									2				2
605 AIRPORT RD 53-East Goshen Township-Goshen Fire	1					1							2
663 HEATHERTON LN 53-East Goshen Township-Goshen Fire					2								2
1030 ANDREW DR 52-West Goshen Township-Goshen Fire		2			2		4						8
1100 WEST CHESTER PIKE 52-West Goshen Township-Goshen Fire					1			1	1				3
1130 WEST CHESTER PIKE 52-West Goshen Township-Goshen Fire			4			1							5
1150 SYLVAN RD 52-West Goshen Township-Goshen Fire				1		2	1						4
1180 MCDERMOTT DR 52-West Goshen Township-Goshen Fire						1	1						2
1190 MCDERMOTT DR 52-West Goshen Township-Goshen Fire						2							2
1230 VICTORIA LN 52-West Goshen Township-Goshen Fire			1		1								2
1615 E BOOT RD 52-West Goshen Township-Goshen Fire	1		1				1						3

LOCATION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
200 LAWRENCE DR 52-West Goshen Township-Goshen Fire		1	1				1						3
500 ELLIS LN 52-West Goshen Township-Goshen Fire	2			1	2								5
700 LAWRENCE DR 52-West Goshen Township-Goshen Fire	1							1					2
106 E HILLTOP RD 67-Westtown Township-Goshen Fire			1		2								3
1100 SHILOH RD 67-Westtown Township-Goshen Fire						1			2				3
1502 WEST CHESTER PIKE 67-Westtown Township-Goshen Fire	1	1											2
1557 OVERHILL RD 67-Westtown Township-Goshen Fire					1	1							2
3704 COLUMBIA COURT WAY 54-Willistown Township-Goshen Fire									2				2
8 FOX RUN LN 54-Willistown Township-Goshen Fire				1			1						2
944 GARRETT MILL RD 54-Willistown Township-Goshen Fire	1	1											2
980 GARRETT MILL RD 54-Willistown Township-Goshen Fire		1			1								2



September 2026

East Goshen Township

	2025	2026	YOY Variance
JAN	74	69	-7%
FEB	60	54	-10%
MAR	62	61	-2%
APR	66	55	-17%
MAY	48	58	21%
JUN	75	73	-3%
JUL	71	65	-8%
AUG	74	55	-26%
SEP	47	48	2%
OCT	59		
NOV	56		
DEC	72		
	764	**538**	Year Avg: **-5.4%**

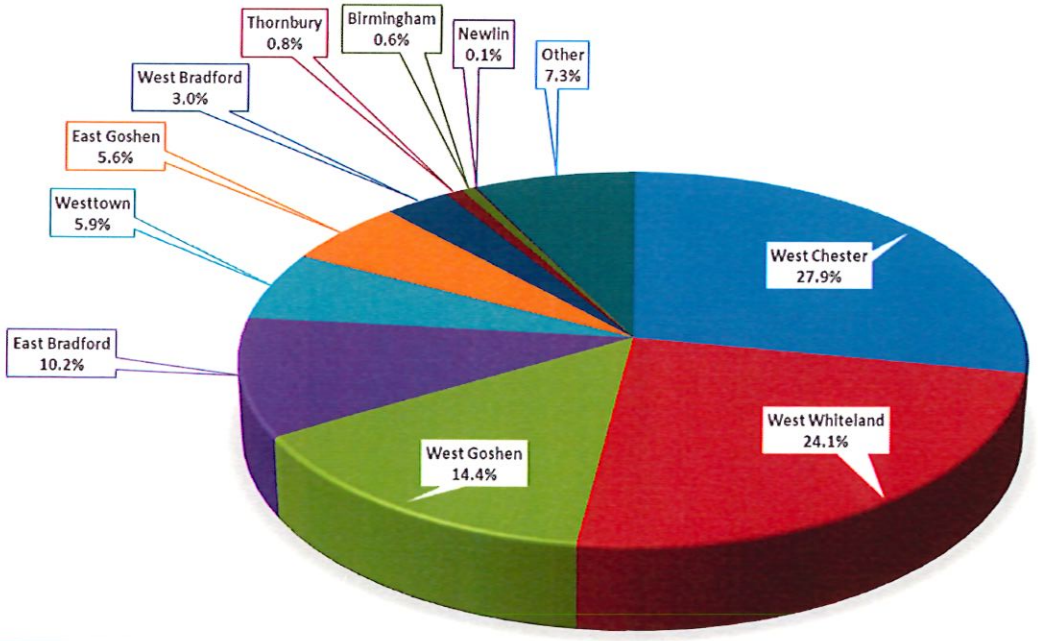


September 2026

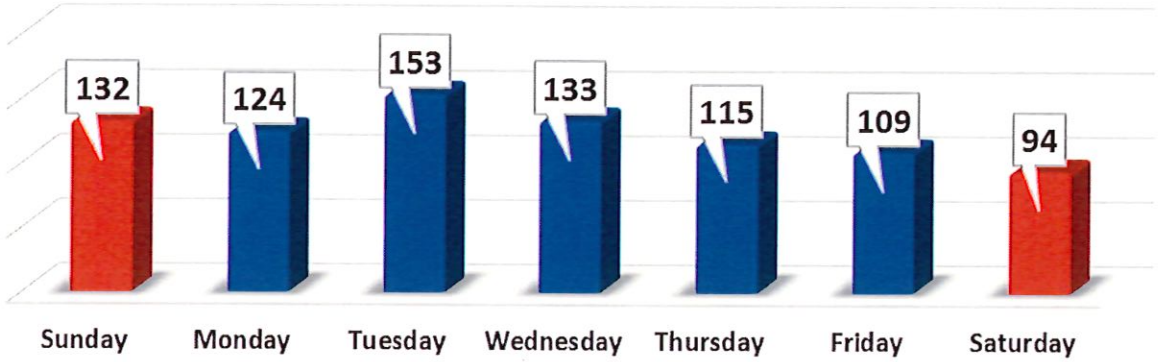
OPERATIONS REPORT

CALL VOLUME

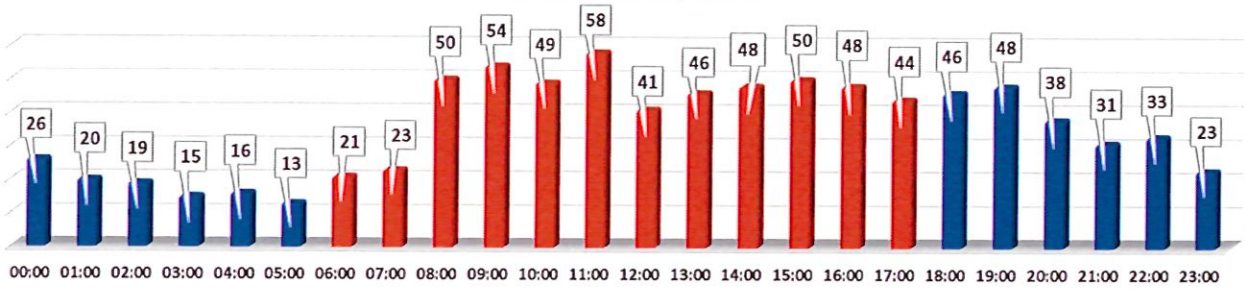
Municipality	Month	% of Calls	YTD
West Chester	240	27.9%	1783
West Whiteland	207	24.1%	1786
West Goshen	124	14.4%	1253
East Bradford	88	10.2%	640
Westtown	51	5.9%	517
East Goshen	48	5.6%	538
West Bradford	26	3.0%	234
Thornbury	7	0.8%	120
Birmingham	5	0.6%	52
Newlin	1	0.1%	35
Uwchlan	13	1.5%	
Downingtown	11	1.3%	
East Caln	11	1.3%	
Caln	7	0.8%	
East Whiteland	7	0.8%	
Upper Uwchlan	5	0.6%	
East Brandywine	2	0.2%	
West Vincent	2	0.2%	
Charlestown	1	0.1%	
Coatesville	1	0.1%	
Pocopson	1	0.1%	
Thornbury, DelCo	1	0.1%	
West Pikeland	1	0.1%	
	860		



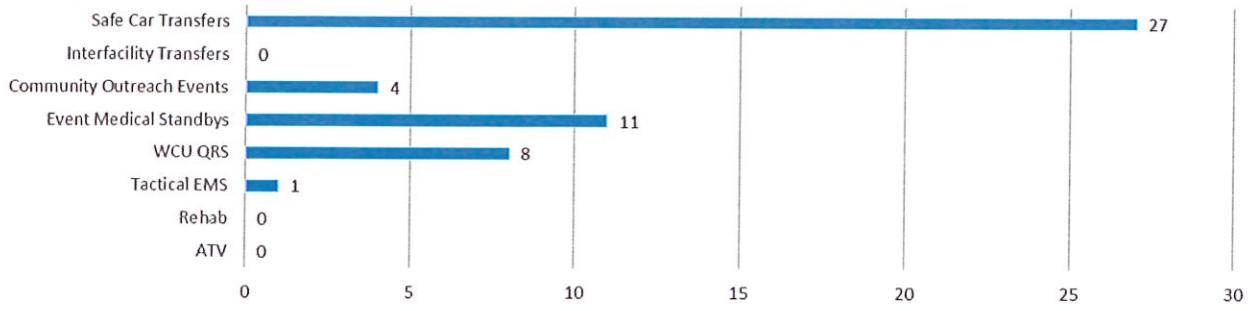
Call Volume By Day of Week



Call Volume By Hour



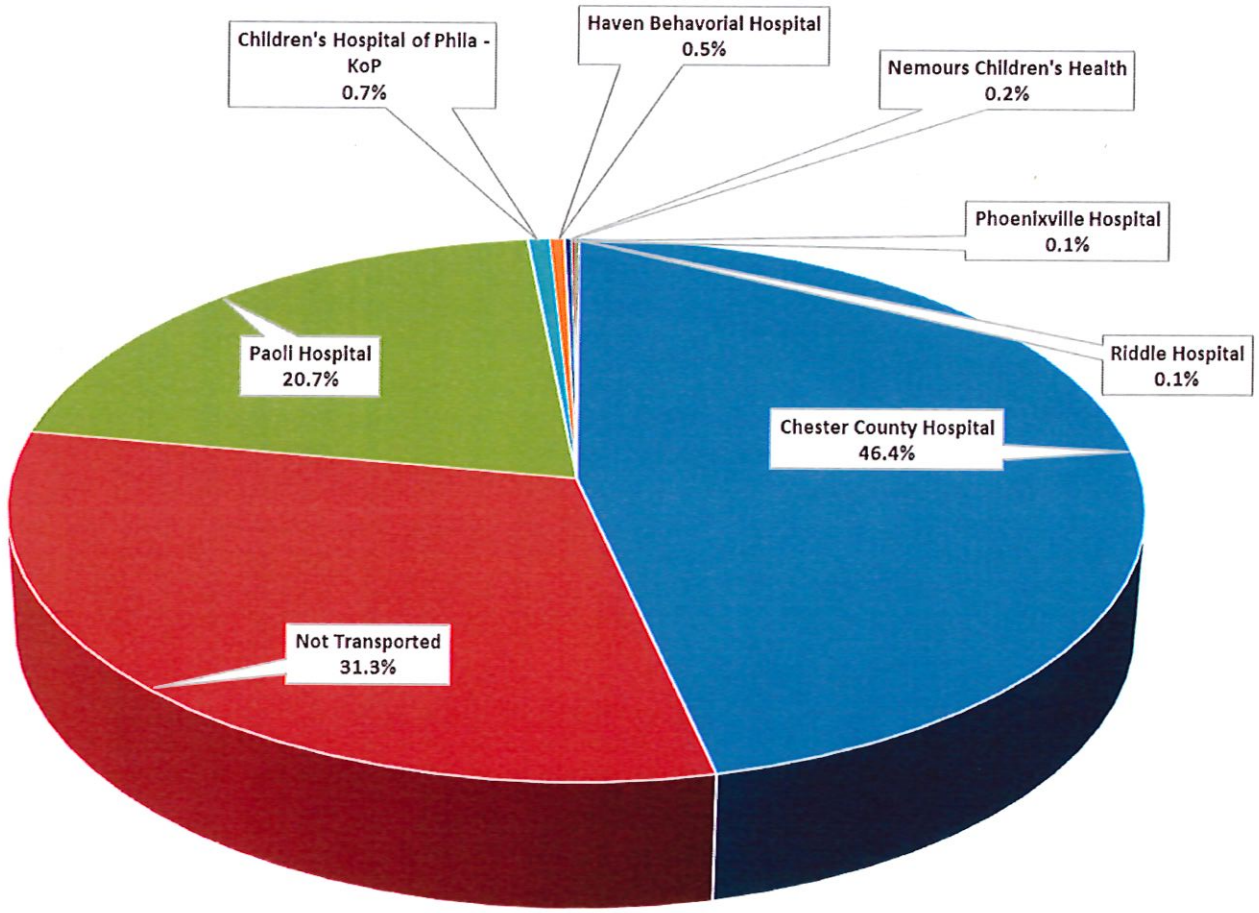
Interfacility Transports & Special Operations



HOSPITAL DESTINATION INFORMATION

Receiving Hospital	Total	%
Chester County Hospital	399	46.4%
Not Transported	269	31.3%
Paoli Hospital	178	20.7%
Paoli Hospital - Trauma		0.0%
Children's Hospital of Phila - KoP	6	0.7%
Haven Behavorial Hospital	4	0.5%
Nemours Children's Health	2	0.2%
Phoenixville Hospital	1	0.1%
Riddle Hospital	1	0.1%
	860	

Transported:	591	68.7%
Not Transported:	269	31.3%
	860	



MISCELLANEOUS INFORMATION

West Chester University Calls

	Total	%
Total WCU Calls	47	5.5%
WCU Calls in West Chester	41	4.8%
WCU Calls in West Goshen	3	0.3%
WCU Calls in East Bradford	3	0.3%

Average Times

Dispatch To Enroute	1:23
Enroute To On Scene	6:13
On Scene Time	18:03
Transport Time	12:12
ER Wait Time	14:23
Dispatch To Available	59:54

Alcohol / Drug Suspicion

	Total	%
Patient Reported Alcohol Use	61	7.1%
Patient Reported Drug Use	16	1.9%
Alcohol / Drug Suspicion	10	1.2%
Total:	**87**	**10.1%**

Calls Covering Other Agencies

Minquas Fire Co.	33
Uwchlan Ambulance	22
Goshen Fire Co.	12
Concordville Fire Co.	3
Malvern Fire Co.	2
Modena Fire Co.	2
Longwood Fire Co.	1
Washington Hose Co.	1
[redacted]	**76**

GFAC Calls Upgraded/Downgraded

Upgraded to ALS	42	4.9%
Upgraded to IALS	23	2.7%
Downgraded to IALS	32	3.7%
Downgraded to BLS	139	16.2%

Responses By Station

Main Station (Station 55)	408
East Goshen (Station 155)	30
East Bradford (Station 255)	143
West Chester University (Station 355)	31
West Whiteland North (Station 455)	161
West Whiteland South (Station 555)	95

MEDICAL CATEGORIES

Call Types		
BLS Fall	105	12.2%
ALS Respiratory Difficulty	103	12.0%
BLS Sick Person	98	11.4%
ALS Heart Problems	82	9.5%
BLS Injured Person	46	5.3%
ALS Stroke	32	3.7%
BLS Overdose	30	3.5%
ALS Unconscious Person	29	3.4%
BLS Accident	28	3.3%
ALS Hypotension	26	3.0%
BLS Mental Health Emergency	23	2.7%
ALS Seizure	20	2.3%
ALS Syncope	20	2.3%
ALS Fall	19	2.2%
BLS Abdominal Pain	18	2.1%
ALS Unresponsive Person	17	2.0%
Medical Alarm	17	2.0%
ALS Overdose	15	1.7%
BLS Back Pain	13	1.5%
ALS Cardiac/Respiratory Arrest	11	1.3%
ALS Diabetic Emergency	11	1.3%
ALS Hemorrhage	11	1.3%
BLS Assault with Injuries	10	1.2%
ALS Accident	7	0.8%
ALS Allergic Reaction	7	0.8%
ALS Injured Person	6	0.7%
BLS Dead on Arrival	6	0.7%
BLS Hemorrhage	6	0.7%
House Fire	6	0.7%
BLS Syncope	5	0.6%
Accident Involving a Pedestrian	4	0.5%
ALS Assault With Injuries	4	0.5%
BLS Allergic Reaction	3	0.3%
BLS Unknown Nature	3	0.3%
ALS Choking	2	0.2%
Apartment Fire	2	0.2%
BLS Burn	2	0.2%
BLS Exposure	2	0.2%
BLS Seizure	2	0.2%
Accident Involving a Structure	1	0.1%
Accident with Entrapment	1	0.1%
Accident with Hazardous Mater	1	0.1%
ALS Chemical Burn	1	0.1%
ALS Maternity	1	0.1%
ALS Shooting	1	0.1%
Assist the Ambulance	1	0.1%
BLS Maternity	1	0.1%
Building Fire	1	0.1%
[redacted]	860	[redacted]

AQUA PENNSYLVANIA, INC.

PFAS TREATEMENT WELL PROJECT

Thorncroft Drive, West Chester

(Easement area between 620 & 622 Thorncroft Drive)

CONDITIONAL USE HEARING

OCTOBER 20, 2026

Project Background & Details

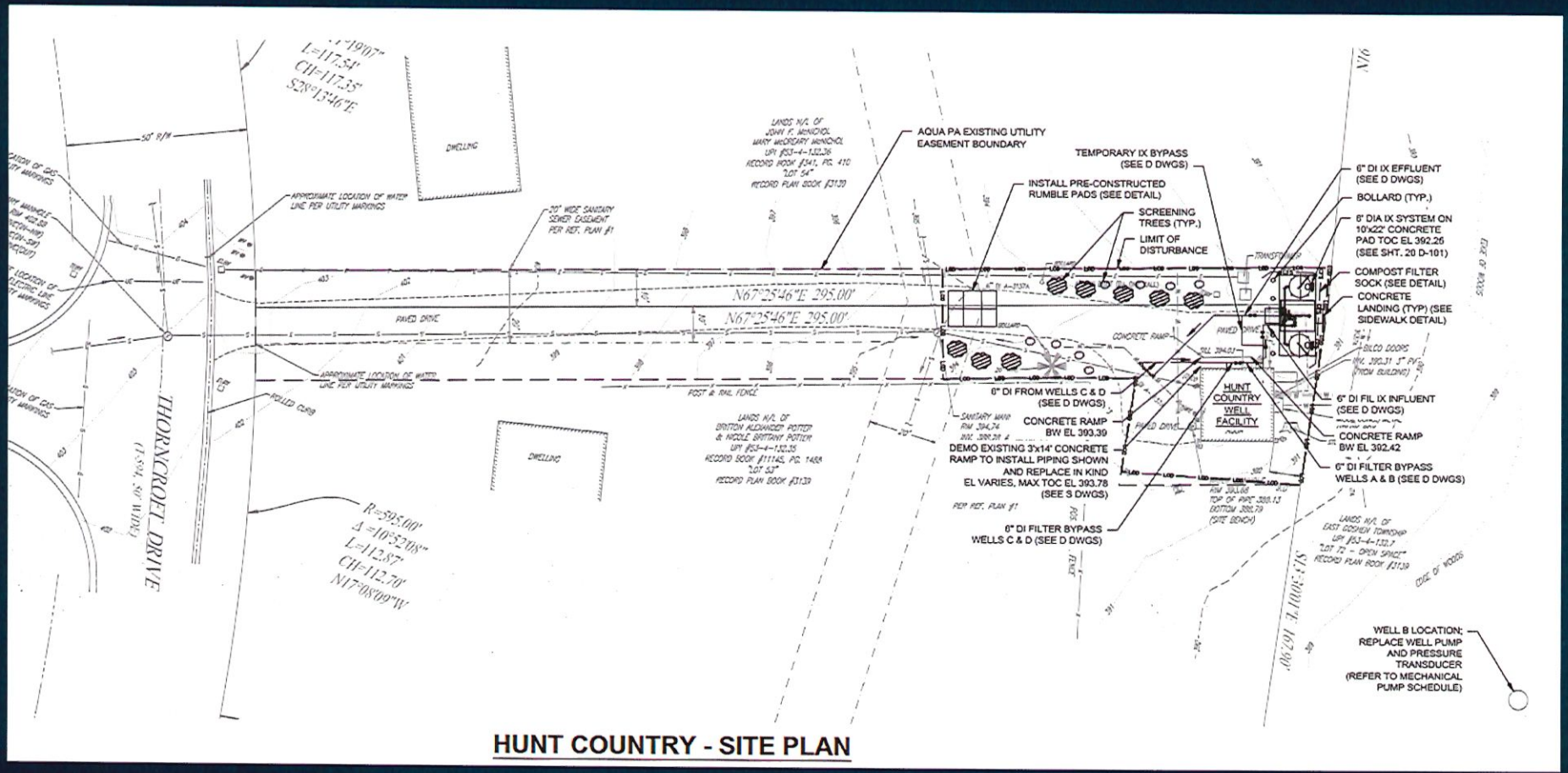
- Existing well treatment facility owned and operated by Aqua PA
  - Located on an existing easement between 620 and 622 Thorncroft Dr, West Chester, PA 19380
- The site is supplied by 4 wells and includes an existing ~15-foot building
- PFAS treatment vessels to meet the new EPA maximum contaminant levels.



Proposed Design:

- 2 – 6 ft diameter ion exchange vessels
- Located on concrete pad outside the building with a heated enclosure for the valve tree
- Vessel height ~15 ft

Site Plan:



HUNT COUNTRY - SITE PLAN

aecom.com

Conditional Use Requirements: 240-31.C(3)(aa)

1. Fumes/Gases	The PFAS treatment vessels do no not emit obnoxious, toxic, or corrosive fumes or gases.
2. Odors	The PFAS treatment vessels do not emit odors.
3. Dust/Particulate Matter	The PFAS treatment vessels do not release dust or particulate matter.
4. Smoke	The PFAS treatment vessels do not produce or emit smoke.
5. Heat	The PFAS treatment vessels do not produce heat.
6. Lighting	No additional lighting is proposed as a result of this project.

Conditional Use Requirements: 240-31.C(3)(aa)

7. Vibrations	The PFAS treatment vessels do not produce vibrations.
8. Radiation	The PFAS treatment vessels do not emit radiation.
9. Explosive Materials	No explosive materials will be produced or stored at the site.
10. Waste Storage	Waste from the tanks is limited to the PFAS media and spent washwater. Both are to be hauled offsite and will not be stored onsite for more than 5 days. Hauling agreements are in place.
11. Dangerous Effluent	Effluent wastewater will be hauled offsite and disposed of at an approved wastewater treatment facility. The effluent water is not dangerous and will be treated at the approved facility.
12. Industrial Lagoons	No industrial lagoons are proposed.

Conditional Use Requirements Continued: 240-31.C(3)(aa)

13. Screening	The PFAS treatment vessels will be located outside of the building on a concrete pad. The vessels will be appropriately screened from the neighbors using various native trees and plants.
14. Regulations	All proposed equipment complies with the applicable government regulations and general performance standards of this chapter, as well as the noise and nuisance regulations of Chapter 156.
15. Retail Activity	No retail activity is proposed at the site.
16. Emergency Liaison	There are no changes to the emergency contacts.
17. Emergency Response Plan	There are no changes to the existing emergency response plan.
18. Landscaping	Landscaping is proposed to screen the vessels from the neighbors, which is indicated in the site plan. Evergreen shrubs and trees are proposed, which will meet the minimum height requirements and will be planted in alternating rows to promote better screening.

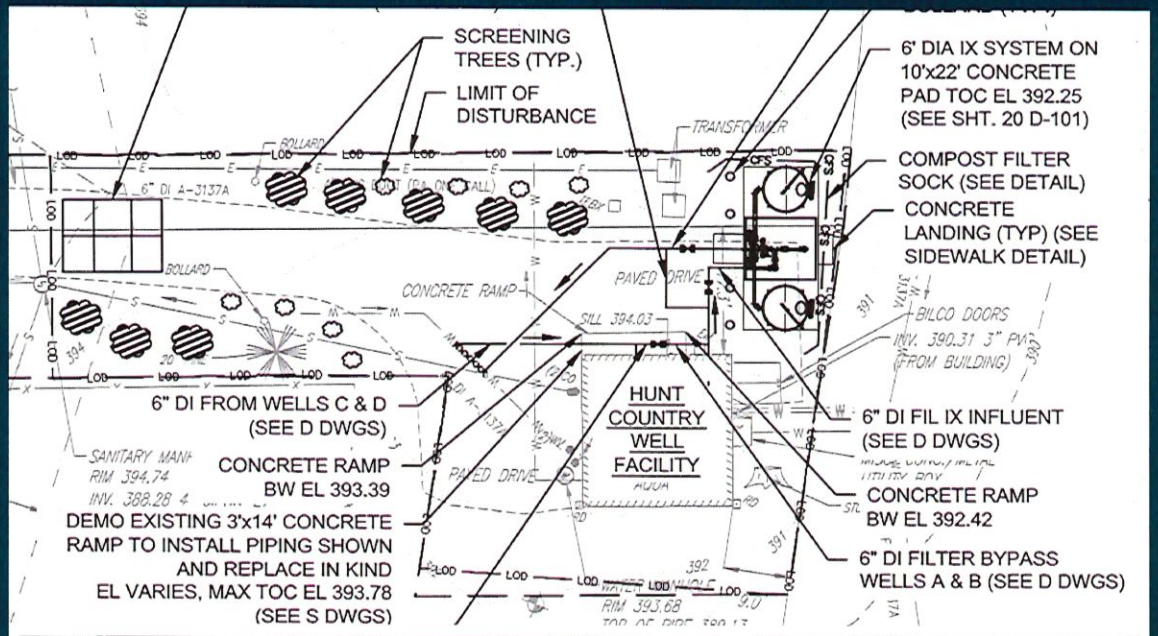
Landscaping



Figure 1: Looking from the building towards 622 Thorncroft Dr.



Figure 2: Looking from the building towards 620 and 622 Thorncroft Dr.



HUNT COUNTRY WELL TREATMENT FACILITY PLANT SCHEDULE

QUANTITY	ABRBV.	SCIENTIFIC NAME	COMMON NAME	HEIGHT	CALIPER	ROOT
8	GA	THUJA PLICATA X STANDISHII 'GREEN GIANT'	THUJA GREEN GIANT ARBORVITAE	5-6'	–	#3 CONT
8	SJ	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	4-5'	–	#5 CONT

MEMOS & REVIEW LETTERS

1. STAFF MEMO TO BOARD OF SUPERVISORS, OCTOBER 9, 2026
2. TOWNSHIP ENGINEER REVIEW LETTER, SEPTEMBER 22, 2026
3. STAFF MEMO TO EGT PLANNING COMMISSION, SEPTEMBER 16, 2026
4. EGT PLANNING COMMISSION MINUTES (DRAFT), SEPTEMBER 22, 2026
5. CHESTER COUNTY PLANNING COMMISSION RESPONSE LETTER, AUGUST 20, 2026

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380
610-692-7171 ext. 3103
kkrause@eastgoshen.org

Date: October 9, 2026
To: Board of Supervisors
From: Kelly A. Krause, Zoning Officer
Re: AQUA PENNSYLVANIA, INC.- PFAS TREATEMENT WELL PROJECT
Thorncroft Drive, West Chester
(Easement area between 620 & 622 Thorncroft Drive)
Conditional Use Application

On Tuesday, September 22, 2026, the East Goshen Planning Commission recommended approval of the above-reference Conditional Use application of Aqua Pennsylvania, Inc., to allow the improvement and expansion of an existing groundwater well station located between 620 and 622 Thorncroft Drive, subject to the incorporation of additional landscape screening, and addressing the items of the Township Engineer's review letter, dated September 22, 2026.

The proposed improvements to the treatment system include two (2) cylindrical vessels, 6 ft in diameter and approx. 15 ft in height on a concrete pad next to the existing building. The subject property is located within the R-2 Low Density Residential District, allowing for Public Utility facilities by Conditional Use approval, pursuant to §240-9.C(9), in accordance with the standards outlined within §240-31.C(3)(aa) of the East Goshen Township Code.

Subject to the requirements of the PA MPC and EGT Ordinances, the following were performed:

1. Mailed notice of the Planning Commission meeting and Public Hearing to all property owners within 1,000 feet of the subject property- September 9, 2026
2. Application was reviewed by the EGT Planning Commission on September 22, 2026
3. Notice of Public Hearing advertised in the Daily Local News on September 29, 2026 & October 6, 2026.
4. The subject property was posted with a Public Notice of the hearing on October 9, 2026.

Conditional Uses are permitted uses that first must prove that each of the specific standards outlined in the Zoning Ordinance are met. Each of these required standards have been listed on the attached memo to the Planning Commission, dated September 16, 2026.

Draft Motion:
Mr. Chairman, I move that we _____ (approve/deny) the Conditional Use application of Aqua PA to expand and improve the groundwater well station located between 620 and 622 Thorncroft Drive, West Chester, subject to addressing any outstanding items identified by the Township Engineer and staff prior to permit submission.

September 22, 2026

EGOST 00905

Attn: Kelly Krause
Director of Code Enforcement, Zoning Officer
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

RE: **Aqua Pennsylvania, Inc., 620-622 Thorncroft Drive**
Conditional Use Submission

Dear Kelly:

As requested, we have reviewed the following information, prepared by AECOM, regarding the referenced submission:

- *"Land Development Plans for AQUA PA PFAS Treatment Well Package A.4 – Main System"* (nine sheets) dated August 2026;

The applicant/owner, Aqua Pennsylvania, Inc. (*"Aqua PA"*), is requesting Conditional Use approval per §240-9.C.(9) to construct a PFAS treatment facility on UPI's 53-4-132.35 & 53-4-132.36 to meet new EPA guidelines. The new facility will be located adjacent to an existing well facility within an existing easement owned by Aqua PA on the east side of Thorncroft Drive (T-594), within the R-2 *Low Density Suburban Residential Zoning District*.

We offer the following comments:

1. The site is an existing an existing *"Public Utility Facility"* as defined by §240-6: *"A facility, other than a building, owned and operated by a public utility or public utility corporation as defined in this chapter."*
2. *"Public Utility Facility"* is permitted as a Conditional Use within the R-2 *Low Density Suburban Residential Zoning District*. (§240-9.C)
3. For a *public utility facility* as part of a conditional use application, a *Pipeline Awareness Study* shall be conducted where the tract proposed for the principal use is located within 660 feet of the center line of any hazardous liquid pipeline or natural gas transmission pipeline. (§205-40.1.A(2)(f)) According to the *Chester County Planning Commission Pipeline Information Center Map*, there appears to be multiple pipelines in the vicinity of the project.
4. Please clarify the height of existing and proposed structures and fencing.
5. The applicant should explain how backwash water through the PFAS media will be disposed.
6. Public Works shall be contacted prior to any construction to coordinate work in the vicinity of existing sanitary sewer lines and manholes.
7. Please clarify locations for *Chain Link Fence* and *Chain Link Fence Section With Barbed Wire* per details provided on Sheet C-501.
8. A detail for the *Proposed Pre-constructed Rumble Pads* (Sheet C-101) should be provided.
9. We recommend all plan sheets be recorded.
10. Due to the residential location, additional screening may be warranted. Only six (6) evergreens are proposed, addressing limited screening from the west. A diverse selection of deer resistant/tolerant evergreens should be considered from various viewpoints at appropriate heights.

11. An evergreen planting detail should be provided.

12. Additional facilities nearby are also indicated as part of scope, however easements for these areas do not appear to be indicated; please clarify.

13. Please clarify the scope of work for these nearby facilities, including if additional E&S controls are required, and how they are to be accessed.

14. We recommend that if approved, a Township SWM/E&S permit be required prior to construction, though based on the proposed impervious, stormwater management will not be required. This will ensure that E&S controls and a Twp. preconstruction meeting occur prior to construction.

15. Due to the access location adjacent to an intersection, we recommend that construction vehicles, materials nor equipment be parked/stored on Thorncroft Drive during construction, or if needed, coordinated with the Township.

16. The Township should note, and the applicant be prepared to address, the standards for Conditional Uses for a *public utility facility* per §240-31.C.(aa).

17. Please note additionally:

    a. Fire Marshal – Pending
    b. County Planning – Not required per County email
    c. Conservancy Board – Pending
    d. Sanitary Sewer – Not applicable
    e. Historic Commission – Not applicable
    f. Traffic Study/PENNDOT – Not applicable
    g. NPDES/Conservation District – Not applicable

Should you have any further questions or comments, please contact the undersigned.

Sincerely,
PENNONI ASSOCIATES INC.



Nathan M. Cline, PE
Township Engineer

cc (via e-mail): Township Team
Project Team

AECOM
625 West Ridge Pike
Conshohocken, PA 19428
aecom.com

October 14, 2026

Kelly Krause
Director of Code Enforcement, Zoning Officer
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Response to Pennoni Conditional Use Application Comments for East Goshen Township
Site Name: Hunt Country Well Treatment Facility
PWSID: 1460073 Main System

Dear Ms. Krause,

AECOM offers the following responses to the Hunt Country Conditional Use Application comments received from Pennoni on behalf of East Goshen Township on September 22, 2026. Should you have any inquiries, please do not hesitate to contact me.

Comment #1: The site is an existing "Public Utility Facility" as defined by §240-6: "A facility, other than a building, owned and operated by a public utility or public utility corporation as defined in this chapter."

AECOM Response: This has been acknowledged.

Comment #2: "Public Utility Facility" is permitted as a Conditional Use within the R-2 Low Density Suburban Residential Zoning District. (§240-9.C).

AECOM Response: This has been acknowledged.

Comment #3: For a public utility facility as part of a conditional use application, a Pipeline Awareness Study shall be conducted where the tract proposed for the principal use is located within 660 feet of the center line of any hazardous liquid pipeline or natural gas transmission pipeline. (§205-40.1.A(2)(f)) According to the Chester County Planning Commission Pipeline Information Center Map, there appears to be multiple pipelines in the vicinity of the project.

AECOM Response: A Pipeline Awareness Study has been completed and is included as an attachment to this response letter.

Comment #4: Please clarify the height of existing and proposed structures and fencing.

AECOM Response: The proposed PFAS treatment vessels are approximately 15 feet in height (182.75"). The height of the existing well treatment facility building is approximately 15 feet in height. There is no existing fence located at the facility, and no fence additions are proposed.

Comment #5: The applicant should explain how backwash water through the PFAS media will be disposed.

AECOM Response: The wastewater will be disposed of at the VLS Environmental Solutions facility, located at 1076 Manheim Pike, Lancaster, PA (EPA ID Number: PAD987266749). This is stated in the Hauler Will-Serve Letter from Lewis Environmental attached to this response letter.

Comment #6: Public Works shall be contacted prior to any construction to coordinate work in the vicinity of existing sanitary sewer lines and manholes.

AECOM Response: Public Works will be contacted prior to any construction activities.

Comment #7: Please clarify locations for Chain Link Fence and Chain Link Fence Section With Barbed Wire per details provided on Sheet C-501.

> **AECOM Response:** The site does not include an existing fence, and no fencing additions are proposed. The Chain Link Fence and Chain Link Fence Section with Barbed Wire details have been removed from DWG 99 C-501. The updated DWG 99 C-501 has been attached to this response letter.

Comment #8: A detail for the Proposed Pre-constructed Rumble Pads (Sheet C-101) should be provided.

> **AECOM Response:** A detail for the proposed pre-constructed rumble pad is shown on the previously submitted DWG 99 C-504. This sheet was submitted as part of the initial application and no changes were made to this detail. The drawing has been attached to this response letter for reference.

Comment #9: We recommend all plan sheets be recorded.

> **AECOM Response:** The appropriate language and signature lines will be added to the plans should the Township determine that recording is required.

Comment #10: Due to the residential location, additional screening may be warranted. Only six (6) evergreens are proposed, addressing limited screening from the west. A diverse selection of deer resistant/tolerant evergreens should be considered from various viewpoints at appropriate heights.

> **AECOM Response:** Additional landscaping is proposed and shown on DWG 20 C-101. Green Giant Arborvitaes and Spartan Junipers are proposed, which vary in height and are both known to be deer resistant.

Comment #11: An evergreen planting detail should be provided.

> **AECOM Response:** Planting details were previously submitted, shown on DWG 99 C-506. The Planting Schedule has been revised to incorporate the additional trees noted in Response #10. The revised DWG 99 C-506 is attached to this response letter.

Comment #12: Additional facilities nearby are also indicated as part of scope, however easements for these areas do not appear to be indicated; please clarify.

> **AECOM Response:** Additional easement information has been provided as an attachment to this response letter.

Comment #13: Please clarify the scope of work for these nearby facilities, including if additional E&S controls are required, and how they are to be accessed.

> **AECOM Response:** The scope of work at the additional well locations is limited to the replacement of well pumps as well as electrical upgrades within the existing underground structures. The upgrades at these locations do not include any earth disturbance, and therefore no additional E&S controls are proposed.

Comment #14: We recommend that if approved, a Township SWM/E&S permit be required prior to construction, though based on the proposed impervious, stormwater management will not be required. This will ensure that E&S controls and a Twp. preconstruction meeting occur prior to construction.

> **AECOM Response:** Based on additional correspondence with the township engineer via email on Tuesday, October 6, 2026, the E&S permit submission is not required.

Comment #15: Due to the access location adjacent to an intersection, we recommend that construction vehicles, materials nor equipment be parked/stored on Thorncroft Drive during construction, or if needed, coordinated with the Township.

> **AECOM Response:** Construction materials and vehicles will not be parked or stored on Thorncroft Drive. If required at any point, it will be coordinated with the Township.

Comment #16: The Township should note, and the applicant be prepared to address, the standards for Conditional Uses for a public utility facility per §240-31.C.(aa).

AECOM Response: AECOM is aware of the standards for Conditional Uses for a public facility per §240-31.C.(aa) and is prepared to address each item during the Board of Supervisors meeting.

Comment #17: Please note additionally:

a. Fire Marshal – Pending
b. County Planning – Not required per County email
c. Conservancy Board – Pending
d. Sanitary Sewer – Not applicable
e. Historic Commission – Not applicable
f. Traffic Study/PENNDOT – Not applicable
g. NPDES/Conservation District – Not applicable

AECOM Response: No additional comments have been received.

Ben Deatrich
Project Manager
AECOM
M: 484-238-0558
E: benjamin.deatrich@aecom.com

Attachments:

1. Pipeline Awareness Study
2. Hauler Will-Serve Letter
3. Revised Drawing Set
4. Easement Information for Well Locations

AECOM

Attachment 1: Pipeline Awareness Study

AECOM
625 W Ridge Pike
Suite E-100
Conshohocken, PA 19428
aecom.com

Aqua PA PFAS Well Package A.4
Hunt Country Well Treatment Facility
East Goshen Township Pipeline Awareness Study

Prepared 10/13/2026

Aqua Pennsylvania, Inc. (Aqua PA), owns and operates the Hunt Country Well Treatment Facility located in East Goshen Township, and is currently seeking Conditional Use Approval for proposed treatment facility upgrades. Since the project area is located within 660 feet of an existing petroleum products pipeline, AECOM has prepared the following narrative to support the Pipeline Awareness Study, as required by Section 205-40.1 of the East Goshen Township Code.

Project Description:

The Hunt Country Well Treatment Facility is a groundwater well treatment facility owned and operated by Aqua PA. The facility is located between 620 and 622 Thorncroft Dr, West Chester, PA 19380. The well system is one of several sources of the Aqua PA Main System, which provides water to approximately 822,600 customers in the Greater Philadelphia area. The site consists of an existing well treatment building located within a 10,300 square foot utility easement owned by Aqua PA. Aqua PA is proposing to install two (2) treatment vessels adjacent to the well treatment building to treat per and polyfluoroalkyl substances (PFAS). The vessels will be placed on a 200 square foot concrete pad, and additional yard piping modifications are required to incorporate the new treatment system. The limit of disturbance is approximately 4,500 square feet.

The primary goal of the PFAS treatment vessel upgrades is to provide an additional unit process to the existing treatment train for the treatment of PFAS compounds, which have new maximum contaminant levels (MCLs) regulated by the Pennsylvania Department of Environmental Protection (PADEP) and the US Environmental Protection Agency (EPA). The selected alternative, ion exchange (IX) pressure vessels in a lead-lag arrangement, is a common and accepted technology for the removal of PFAS from drinking water.

Project Impact on Existing Pipeline:

Based on information obtained from the Pennsylvania Spatial Data Access Pipeline Areas USACE IENC Map, the National Pipeline Mapping System, and the East Goshen Township Pipeline Map, the Hunt Country Well Treatment Facility is located within the 660-foot buffer zone of a 12-inch diameter petroleum products pipeline (ID # 22119) owned and operated by Buckeye Partners (previously known as the Buckeye Pipeline Company). The pipe is approximately 605 feet away from the proposed construction area. Due to this distance and the limited nature of the construction, no impacts are anticipated to the pipeline. Additionally, a "No Conflict" response was received from Buckeye Partners. This is provided as an attachment to this study.

AECOM

Emergency Response Steps:

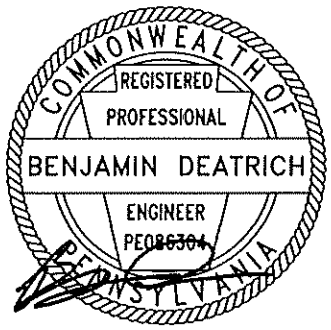
Although there are no impacts anticipated to the pipeline as a result of this project, the following emergency response steps should be followed in case of an emergency:

1. Stop work immediately.
2. Evacuate personnel from the area to a safe distance.
3. Avoid ignition sources and prohibit smoking or open flames.
4. Secure the area and restrict access.
5. Notify the pipeline operator and emergency responders.
6. Account for personnel and maintain a safe assembly area.
7. Follow directions from the pipeline operator and emergency responders.

Attachments:

A. PASDA Pipeline Areas USACE IENC Map

B. Buckeye Partners One Call Receipt



AECOM

Attachment A: PASDA Pipeline Areas USACE IENC Map



Obtained from the PASDA Pipeline Areas USACE IENC Map

AECOM

Attachment B: Buckeye Partners One Call Receipt

Robinson, Craig

From: agt_comm@irth.com
Sent: Tuesday, April 29, 2025 2:16 PM
To: Robinson, Craig
Subject: Ticket 20251191157 - Response to Dig Request

This Message Is From an External Sender

This message came from outside your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Report Suspicious

==========

To: AECOM CONSHOHOCKEN PA Attn: CRAIG ROBINSON
Voice: 6097078112 Fax:
Re: Response to Dig Request

This is an important message replying to your request to locate our underground facilities per the dig site information provided on the one call center ticket.

==========

Ticket: 20251191157
County: CHESTER Place: EAST GOSHEN
Address: BETWEEN 620 AND 622 THORNCROFT DR

IA (Buckeye Pipe Line Company):
Buckeye Pipe Line Company has determined our facilities are not in conflict with the dig site as represented by the One Call ticket information provided by the One Call Center. If you have any additional questions please contact our office at 877-530-5685.

==========

If you have any questions please call us at toll free 877-530-5685.

==========

This message was generated by an automated system. Please do not reply to this email.

AECOM

Attachment 2: Hauler Will-Serve Letter

lewis ENVIRONMENTAL

155 Railroad Plaza
P.O. Box 639
Royersford, PA 19468

phone: 610-495-6695
emergency: 800-258-5585
DiscoverLEWIS.com

September 3, 2025

Mr. Brennan T. Kelly
Aqua Pennsylvania
762 W. Lancaster Ave.
Bryn Mawr, PA 19010

Re: Rinse Down Water Transportation and Disposal

Dear Mr. Kelly:
For your records, Lewis Environmental, LLC, can remove the rinse/wash down water from the plants listed below. Based on the expected analytical results of the water, the waste will be disposed of at the VLS Environmental Solutions facility located at 1076 Manheim Pike in Lancaster, PA.

Facility Name	Township	County	Wastewater Volume, less than once per year (gal.)
DEER RUN	Honey Brook Twp.	Chester	3,000
HUNT COUNTRY WELL FACILITY	East Goshen	Chester	8,000
IVY RIDGE WELLS #1 AND #2	Upper Frederick Twp.	Montgomery	1,500
MEADOWBROOK WELL #8	Washington (Berks Co.) Twp.	Berks	4,000
MEYERS TRACT	Perkiomen Twp.	Montgomery	10,000
PEDDLERS VIEW WELL TRT	Solebury Twp.	Bucks	5,000
CRANBERRY WELLS 3 & 4 COMBINED TREATMENT	Perkiomen Twp.	Montgomery	5,000
FLYING HILLS 1 + 2 COMBINED TREATMENT	Cumru Twp.	Berks	15,000
HOLLOW RUN WELL	West Whiteland Twp.	Chester	4,500
RAHNS WELL	Perkiomen Twp.	Montgomery	2,500
HUNTERS RUN WELL FACILITY (Wells 4 & 5)	New Hanover Twp.	Montgomery	16,417
LOHMILLER EP	Douglass Twp.	Montgomery	10,113
TWIN PONDS WELL #8	Douglass	Montgomery	6,827
FLOURTOWN WELL	Springfield (Montgomery Co.) Twp.	Montgomery	27,000
ORELAND WELL	Springfield (Montgomery Co.) Twp.	Montgomery	27,000

Lewis appreciates the opportunity to provide Aqua Pennsylvania with this Will Serve Letter. If at any time you have questions, please feel free to contact the undersigned at your convenience. Thank you for your consideration.

Sincerely,



Nic DiCarlo
Director of Project Management

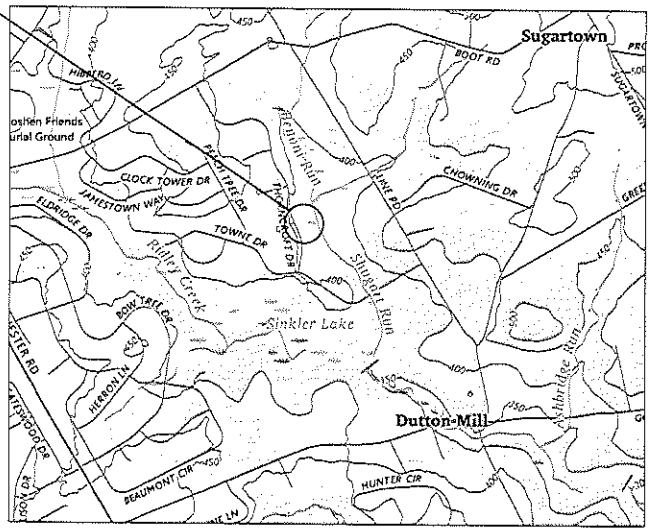
lewis ENVIRONMENTAL
155 Railroad Plaza
Royersford, PA 19468
Remediation Solutions for Every Environment.

AECOM

Attachment 3: Revised Drawing Set

EAST GOSHEN TOWNSHIP LAND DEVELOPMENT PLANS
FOR
AQUA PA PFAS TREATMENT WELL PACKAGE A.4 - MAIN SYSTEM

SITE LOCATION:
THORNCROFT DR
WEST CHESTER, PA
LAT: 39.9920
LONG: -75.5245



HUNT COUNTRY LOCATION MAP
SCALE: 1" = 1000'

AUGUST 2026

SHEET INDEX

SHEET NO.	TITLE
20 G-001	HUNT COUNTRY - COVER SHEET
00 G-001	CIVIL LEGEND, ABBREVIATIONS, AND GENERAL NOTES
20 C-101	HUNT COUNTRY - SITE PLAN
00 C-501	DETAILS I
00 C-502	DETAILS II
00 C-503	E&S DETAILS I
00 C-504	E&S DETAILS II
00 C-505	E&S DETAILS III
00 C-506	PLANTING DETAILS

AECOM

PROJECT
PFAS TREATMENT WELL PACKAGE A.4 MAIN SYSTEM

CLIENT
AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
Bryn Mawr, PA 19010
877.987.2782 tel
www.aquawater.com

CONSULTANT
AECOM
625 West Ridge Pr, Ste C-100
Conshohocken, PA 19428
610.234.6402 tel
www.aecom.com

CONSULTANTS

REGISTRATION
COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BENJAMIN DEATRICH
6-19-2026

ISSUE/REVISION

NO	DATE	DESCRIPTION

PROJECT NUMBER
60754405

Designed By	JJ
Drawn By	JJ
Dsgn Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	1" = 1000'

DISCIPLINE
GENERAL
SHEET TITLE
HUNT COUNTRY - COVER SHEET

SHEET NUMBER
20 G-001

GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, SPECIFICATIONS, AND ALL APPLICABLE PERMITS.
2. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND ANY REQUIREMENTS INDICATED IN ONE OF THE DOCUMENTS IS AS BINDING AS HAVING BEEN INDICATED IN ALL.
3. THE ADDRESS OF AQUA PA IS 762 WEST LANCASTER AVE., BRYN MAWR PA, 19010. THE MAIN PHONE NUMBER IS 877-987-2762.
4. ENSURE ALL PERSONNEL INVOLVED IN THE PERFORMANCE OF THE WORK WHO VISIT THE SITE ARE AWARE OF SITE EVACUATION PROCEDURES (CHECK WITH PLANT PERSONNEL).
5. THE FACILITY IS A CONTINUOUSLY OPERATING DRINKING WATER TREATMENT FACILITY. TAKE ALL PRECAUTIONS TO NOT INTERRUPT PLANT OPERATIONS, INCLUDING CIRCULATION THROUGH THE SITE, ACCESS TO EXISTING BUILDINGS, AND ACCESS TO EXISTING BURIED VALVE OPERATORS.
6. UNLESS OTHERWISE SPECIFICALLY PERMITTED, PERFORM ALL WORK BETWEEN THE HOURS OF 7:00 A.M. AND 6:00 P.M. PREVAILING TIME. DO NOT START EQUIPMENT PRIOR TO 7:30 A.M. PREVAILING TIME. NOTIFY THE OWNER AND ENGINEER AT LEAST 72 HOURS IN ADVANCE OF WORK TO BE PERFORMED OUTSIDE OF THESE WORK HOURS, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE WORK. COMPLY WITH ALL STATE AND LOCAL LAWS GOVERNING HOURS DURING WHICH CONSTRUCTION EQUIPMENT MAY BE OPERATED.
7. NOTIFY THE OWNER AND THE ENGINEER AT LEAST 72 HOURS PRIOR TO MAKING CONNECTIONS TO EXISTING FACILITIES OR PERFORMING AN ACTIVITY THAT MAY IMPACT OPERATIONS, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE ACTIVITY. ALL ACTIVITIES THAT MAY IMPACT OPERATIONS WILL BE DONE AT THE CONVENIENCE OF THE OWNER.
8. HORIZONTAL LOCATIONS SHOWN ARE REFERENCED TO THE PA STATE PLANE COORDINATE SYSTEM-SOUTH ZONE, NAD83. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
9. TOPOGRAPHIC INFORMATION IS BASED ON FIELD SURVEYS PERFORMED IN APRIL 2025 BY HOWELL SURVEYING.
10. VERIFY ALL EXISTING CONDITIONS AT THE SITE BEFORE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. VERIFY ELEVATIONS AND DIMENSIONS WHERE NEW WORK WILL MATCH EXISTING. IMMEDIATELY BRING DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO COMMENCEMENT OF THE WORK.
11. THE LOCATION OF ANY UNDERGROUND UTILITY INFORMATION SHOWN ON THIS PLAN IS BASED ON MULTIPLE SOURCES INCLUDING HISTORIC SITE PLANS PROVIDED BY THE AQUA PA AND A FIELD SUBSURFACE UTILITY INVESTIGATION (LIMITED TO THE PORTION OF THE SITE WHERE IMPROVEMENTS WILL OCCUR) COMPLETED BY HOWELL SURVEYING. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS, THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
12. PRIOR TO ANY EXCAVATION ACTIVITIES, NOT LESS THAN 3 BUSINESS DAYS NOR MORE THAN 10 BUSINESS DAYS, CONTACT THE PA ONE CALL SYSTEM, INC., PHONE 1-800-242-1776, IN ACCORDANCE WITH PA ACT 287 OF 1974, AS AMENDED BY ACT 127 OF 2024. ADDITIONAL INFORMATION IS AVAILABLE AT https://www.paonecall.org/. COMPLY WITH ALL CURRENT MARKOUT REQUIREMENTS.
13. AVOID DAMAGE TO EXISTING PAVEMENT, CURBS, VEGETATION, OR STRUCTURES THAT ARE NOT INDICATED TO BE DEMOLISHED OR REMOVED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. REPAIR AND RESTORE TO PRE-CONSTRUCTION CONDITION ANY DAMAGE TO EXISTING PAVEMENT, CURBS, VEGETATION, AND STRUCTURES DAMAGED BY CONTRACTOR'S OPERATIONS AT NO COST TO AQUA PA.
14. IN THE EVENT OF DAMAGE TO EXISTING UTILITIES, STOP WORK IMMEDIATELY, TAKE NECESSARY PRECAUTIONS TO PREVENT INJURY OR FURTHER DAMAGE, AND NOTIFY PROPER AUTHORITIES. REPAIR AND RESTORE ALL EXISTING PIPES, CONDUITS, WIRES, STRUCTURES, OR OTHER UTILITIES DAMAGED BY CONTRACTOR'S OPERATIONS AT NO COST TO AQUA PA OR THE UTILITY OWNER.
15. NOTIFY THE ENGINEER AND UTILITY OWNER AT LEAST 72 HOURS PRIOR TO PERFORMING AN ACTIVITY THAT MAY INTERRUPT WATER OR OTHER UTILITIES, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE ACTIVITY.
16. BE SOLELY RESPONSIBLE FOR SITE SAFETY ASSOCIATED WITH THE WORK AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY LAWS, CODES, REGULATIONS, AND ORDINANCES, INCLUDING, BUT NOT LIMITED TO, THOSE CURRENTLY MANDATED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
17. BRACE AND PROTECT ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF-ALIGNMENT, IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS, AND GOOD PRACTICE.
18. PROTECT ALL EXISTING UNDERGROUND FACILITIES OR UTILITY POLES IN CLOSE PROXIMITY TO EXCAVATION OR TRENCHING TO PREVENT DAMAGE OR INTERRUPTION OF SERVICE AT NO ADDITIONAL COST TO THE OWNER.
19. PROTECT ALL EXISTING THRUST BLOCKS WHICH ARE RESTRAINING EXISTING UTILITIES BY REFRAINING FROM UNDERMINING OR OTHERWISE DISTURBING THEM. NO MOVEMENT WILL BE TOLERATED.
20. COMPLY WITH COUNTY CONSERVATION DISTRICT RULES AND REGULATIONS GOVERNING EROSION CONTROL FOR ALL EARTHWORK ACTIVITIES.
21. IMPLEMENT ALL EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES PRIOR TO COMMENCING ANY CLEARING, EXCAVATION OR STOCKADE OF BACKFILL MATERIAL ON-SITE. DO NOT REMOVE ANY E&S MEASURES UNTIL PERMANENT GROUND COVER STABILIZATION HAS BEEN ESTABLISHED. REFER TO SPECIFICATION SECTION 01568 AND DETAILS. DO NOT PERFORM ANY EARTH DISTURBING ACTIVITIES OUTSIDE OF THE LIMIT OF DISTURBANCE (LOD).
22. PROVIDE AND INSTALL A COMPLETE SYSTEM FOR DEWATERING THE WORK AREA AS REQUIRED TO PROPERLY CONSTRUCT ALL STRUCTURES IN THE DRY. FURNISH, INSTALL, AND MAINTAIN SAFE, ADEQUATE TEMPORARY RELIEF MEASURES AGAINST HYDROSTATIC UPLIFT DUE TO A HIGH WATER LEVEL, IF ENCOUNTERED, FOR THE DURATION OF THE WORK UNTIL THE NECESSARY CONSTRUCTION IS COMPLETED. INCLUDE ALL REQUIRED DEWATERING IN THE LUMP SUM BID ITEM.
23. PROTECT AT ALL TIMES ALL OPEN EXCAVATIONS, HOLES, TRENCHES, AND OTHER HAZARDOUS AREAS BY CONTINUOUS BARRICADES OF SUFFICIENT TYPE, SIZE, AND STRENGTH TO PREVENT UNAUTHORIZED ACCESS AT THE COMPLETION OF EACH DAY'S WORK. REFER TO SPECIFICATION SECTION 01045 FOR ADDITIONAL REQUIREMENTS.
24. RESTORE ALL AREAS OF EXCAVATION, BACKFILL, FILL AND GRADING TO PRE-CONSTRUCTION GRADE UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER. SMOOTHLY BLEND ALL REGRADED SURFACES TO EXISTING AT TIE LIMITS OF GRADING. RESET ALL DISTURBED UTILITY BOXES, FRAMES, GRATES, ETC., TO THE APPROPRIATE GRADE AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
25. REMOVE AND LEGALLY DISPOSE OF ALL DEMOLITION WASTES AND EXCESS EXCAVATED MATERIAL TO AN OFF-SITE LOCATION AT NO ADDITIONAL COST TO THE OWNER.
26. PERFORM DAILY CLEANUP OPERATIONS IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER/ENGINEER.
27. THE ENGINEER MAY DIRECT THE CONTRACTOR TO VARY THE PROPOSED WORK DURING CONSTRUCTION TO MEET EXISTING CONDITIONS.
28. RELOCATE ANY EXISTING UTILITIES INTERFERING WITH THE WORK AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
29. PIPE SHALL BE AS INDICATED IN THE PIPING SCHEDULE AND SPECIFICATIONS. PROVIDE RESTRAINED MECHANICAL JOINT FITTINGS FOR ALL PRESSURE PIPE BENDS.
30. PIPING WHICH IS EXPOSED DURING EXCAVATION, INCLUDING TEES, VALVES, AND FITTINGS, AND IS NOT TO BE DEMOLISHED, SHALL BE SUPPORTED, BRACED OR OTHERWISE PROTECTED DURING CONSTRUCTION ACTIVITIES.
31. PLACE ALL PIPING WITH A MINIMUM OF 4 FEET OF COVER FROM THE TOP OF THE PIPE TO THE FINAL GROUND SURFACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
32. PLACE ALL PIPES SO THAT THEY SLOPE UNIFORMLY BETWEEN ELEVATIONS SHOWN UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER. NO SAGS OR CRESTS IN PIPING WILL BE PERMITTED.
33. WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, FURNISH AND INSTALL ALL ADAPTERS, FITTINGS, AND ADDITIONAL PIPE WHICH MAY NOT BE SHOWN IN DETAILS (REQUIRED AS A RESULT OF CUTTING THE EXISTING PIPE BACK) IN ORDER TO COMPLETE THE CONNECTION AS REQUIRED. FIELD VERIFY THE SIZE AND LOCATION OF THE EXISTING PIPE AND ENSURE THE APPROPRIATE SIZE ADAPTERS ARE AVAILABLE AT THE JOB SITE BEFORE INITIATING THE ACTIVITY.
34. SEAL ALL WALL AND SLAB PENETRATIONS WATERTIGHT. PROVIDE WATER STOPS AT ALL WALL CASTINGS.
35. PROVIDE JOINTS AT THE WALL OF STRUCTURES ON ALL PIPELINES, EXCEPT WHERE SLEEVES ARE INDICATED. THIS SHALL BE ACCOMPLISHED BY CASTING A BELL WALL FITTING, BELL END STUB, OR WALL CASTING INTO THE STRUCTURE.
36. ALL LAYOUT DIMENSIONS REFER TO OUTSIDE EDGE OF WALL AT GRADE LINE, UNLESS OTHERWISE INDICATED.
37. LOCATION COORDINATES TO PROPOSED STRUCTURES ARE TO EXTERIOR WALLS AND CENTER OF TANKS.
38. ALL EXISTING PIPES TO BE ABANDONED SHALL BE CAPPED OR PLUGGED AT OPEN ENDS. SEE CIVIL DETAIL.
39. HEAT TRACE AND INSULATE ALL EXTERIOR ABOVE GRADE PIPING WHICH IS NOT ENCLOSED WITHIN A HEATED ENCLOSURE.
40. COORDINATE STAGING AREAS WITH OWNER.
41. PACKED BED MEDIA VESSEL SYSTEMS ARE FURNISHED UNDER A SEPARATE CONTRACT. THE PACKED BED MEDIA SYSTEM INFORMATION ON THE DRAWINGS IS APPROXIMATE. REFER TO THE APPROVED PACKED BED MEDIA VESSEL SYSTEM MANUFACTURER'S SUBMITTAL DRAWINGS FOR THE FINAL LAYOUT, INCLUDING PIPE CONNECTION ELEVATIONS AND VESSEL SPACING. INSTALL THE PACKED BED MEDIA VESSEL SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. SUPPLY ALL VALVES AND APPURTENANCES SHOWN ON THE DRAWINGS UNLESS NOTED AS VENDOR-SUPPLIED IN THE P&IDs. COORDINATE WITH THE PACKED BED MEDIA VESSEL EQUIPMENT MANUFACTURER FOR COMPLETE INSTALLATION.
42. COMPLY WITH THE PROVISIONS OF THE ACT OF MARCH 3, 1978 (P.L. 6, NO. 3), KNOWN AS THE "STEEL PRODUCTS PROCUREMENT ACT" AND ANY AMENDMENTS THERETO, EXCEPT AS PROVIDED IN THIS ACT, SUPPLY ONLY IRON AND STEEL PRODUCTS PRODUCED IN THE UNITED STATES FOR USE IN THE PERFORMANCE OF THE CONTRACT OR ANY SUBCONTRACT. PROVIDE CERTIFICATES OF COMPLIANCE WITH REGARD TO THIS ACT TO THE ENGINEER.

ABBREVIATIONS

ABACT	ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES
APN	ASSESSOR'S PARCEL NUMBER
APPROX.	APPROXIMATE
BLDG.	BUILDING
BMP/BMPS	BEST MANAGEMENT PRACTICES
CFS	COMPOST FILTER SOCK
CONC.	CONCRETE
CI	CAST IRON
CIP	CAST IRON PIPE OR CAST IN PLACE
COMM	COMMUNICATION
C.O. OR CO	CLEANOUT
CL	CENTERLINE
CWF	COLD WATER FISHES
D	DEED DESCRIBED
DI	DUCTILE IRON
DIA.	DIAMETER
DIP	DUCTILE IRON PIPE
DWG/DWGS	DRAWING/DRAWINGS
E OR ELEC.	ELECTRICAL
ELBX	ELECTRIC BOX
EL. OR ELEV.	ELEVATION
EM	ELECTRIC MANHOLE
EP	EDGE OF PAVEMENT
ES	ELECTRICAL SERVICE
E&S	EROSION AND SEDIMENTATION
EQUIP.	EQUIPMENT
EX. OR EXIST.	EXISTING
FE	FINAL EFFLUENT
FIL	FILTERED WATER
FIN	FINISHED WATER
FT	FEET OR FOOT
GAC	GRANULAR ACTIVATED CARBON
HDPE	HIGH DENSITY POLYETHYLENE
HQ	HIGH QUALITY
IN	INCH
INV.	INVERT ELEVATION
IX	ION EXCHANGE
LOD	LIMIT OF DISTURBANCE
MECH.	MECHANICAL
MGMT	MANAGEMENT
MH	MANHOLE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MW	MONITORING WELL
N/A	NOW OR FORMERLY
NRCS	NATIONAL RESOURCES CONSERVATION SERVICE
O/RP	OPERATOR/RESPONSIBLE PERSON
OV	OVERFLOW
PARID	PARCEL IDENTIFICATION NUMBER
PERF	PERFORATED
PFAS	PER- AND POLYFLUOROALKYL SUBSTANCES
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RET.	RETAIN OR RETAINING
ROW OR R/W	RIGHT OF WAY
S	SLOPE
SAN	SANITARY
SD	STORM DRAIN
SHT	SHEET
SPECS.	SPECIFICATIONS
TCBX	TELEPHONE BOX
TOC	TOP OF CONCRETE
TRANS	TRANSFORMER
TSF	TROUT STOCKING
TYP.	TYPICAL
U	PERF. UNDERDRAIN
UD	UNDERDRAIN
UE	UNDERGROUND ELECTRIC
UG	UNDERGROUND
UPI	UNIFORM PARCEL IDENTIFIER
USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
VERT.	VERTICAL
W	WATER
WV	WATER VALVE
WWF/WF	WARM WATER FISHES/MIGRATORY FISHES
XMFR	TRANSFORMER

LEGEND

EXISTING

- EXISTING BUILDING OR STRUCTURE
- UTILITY POLE & GUY WIRE
- UTILITY POLE W/ LIGHT
- SIGN
- YARD HYDRANT
- UNIDENTIFIED PIPE
- WOODEN POST
- FIRE HYDRANT
- BURIED VALVES
- WATER METER
- WATER GATE VALVE
- VENT PIPE
- WATER SHUTOFF VALVE
- CLEANOUT
- TRAFFIC DIRECTION ARROW
- ELECTRIC BOX
- TELEPHONE BOX
- CATCH BASIN (ROUND) OR BOLLARD
- CATCH BASIN
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- CHEMICAL MANHOLE
- WATER MANHOLE
- SEWER MANHOLE
- SEWER MANHOLE
- UNIDENTIFIED MANHOLE
- JURISDICTIONAL WETLAND SYMBOL
- FLAG POLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- CONCRETE
- BOULDER
- ROW OF BOULDERS
- LANDSCAPED AREA
- GRAVEL
- LEDGE OUTCROP
- FLUSHING HYDRANT
- DRAINAGE FLOW DIRECTION ARROW
- CHAINLINK FENCE
- OVERHEAD WIRES
- DRAIN LINE
- WATER LINE
- SEWER LINE
- UNDERGROUND ELECTRIC LINE
- WOOD STOCKADE FENCE
- CONTOUR LINE
- EDGE OF JURISDICTIONAL WETLAND AND FLAG NUMBER
- FLOODPLAIN BOUNDARY
- B13-1 BORING
- MW-1 MONITORING WELL
- TREE LINE

PROPOSED

- LIMIT OF DISTURBANCE
- DEMOLITION (REMOVE AND LEGALLY DISPOSE OF)
- ROCK CONSTRUCTION ENTRANCE
- PIPE PLUG OR CAP
- STRUCTURE
- CONTOUR — 42
- SPOT ELEVATION × 42.50
- STORM RUNOFF FLOW DIRECTION
- MJ TEE
- MJ REDUCER
- MJ BEND
- GATE VALVE
- FLOW METER
- PIPE
- DIRECTION OF FLOW
- MANHOLE
- CLEANOUT CO
- GUARD POST OR BOLLARD
- CHAIN LINK FENCE
- TEMPORARY FENCE
- CONCRETE
- CURB
- EXISTING PAVEMENT AREA TO BE REPAVED (RECLAIMED BASE)
- NEW PAVEMENT AREA (RECLAIMED BASE)
- POINT OF CONNECTION, NEW WORK TO EXIST.
- DISCIPLINE INTERFACE
- HEAT TRACE
- THUJA GREEN GIANT ARBORVITAE
- RUMBLE PAD

AECOM

PROJECT

PFAS TREATMENT WELL PACKAGE A.4 MAIN SYSTEM

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REGISTRATION

COMMONWEALTH OF PENNSYLVANIA — PROFESSIONAL — BENJAMIN DEATRICH — ENGINEER — 6-17-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By	JJ
Drawn By	JJ
Dept Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	-

DISCIPLINE

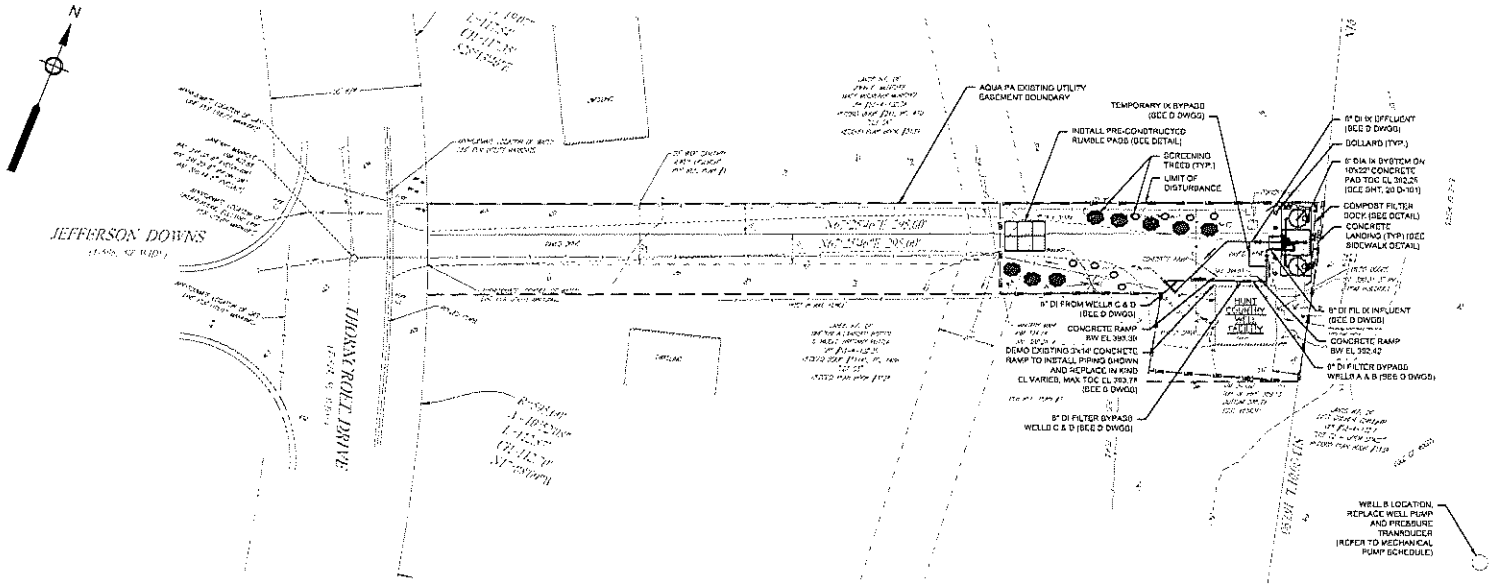
CIVIL

SHEET TITLE

CIVIL LEGEND, ABBREVIATIONS, AND GENERAL NOTES

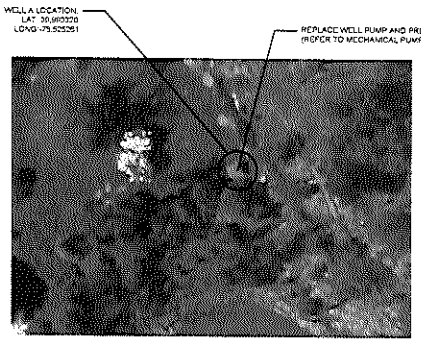
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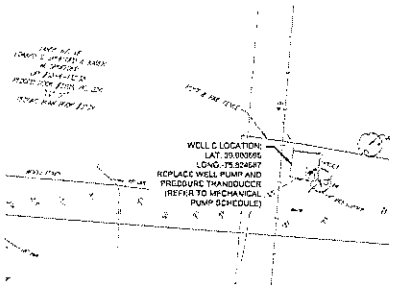
HUNT COUNTRY - SITE PLAN

SCALE: 1" = 20'



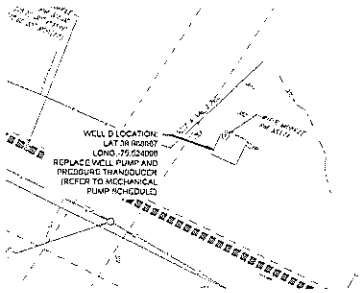
WELL A LOCATION

NOT TO SCALE



WELL C LOCATION

SCALE: 1" = 20'



WELL D LOCATION

SCALE: 1" = 20'

NOTES:

1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES, SEE SHEET 99 C-001.
2. FOR DETAILS, SEE 99 SERIES OF CIVIL SHEETS.
3. WELL B IS LOCATED AT THE SITE OF THE WELL HOUSE BUILDING. WELLS A, C, AND D ARE LOCATED AT SATELLITE LOCATIONS. SEE INSET MAPS.

SCALE: 1" = 20'

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

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REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By	JJ
Drawn By	DK
Dsgn Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	1" = 20'

DISCIPLINE

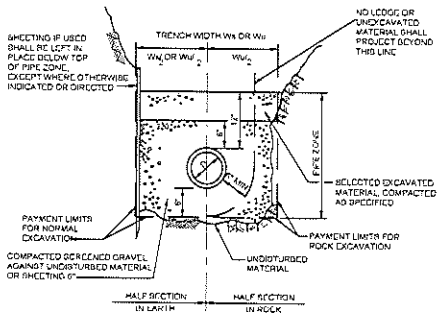
CIVIL

SHEET TITLE

HUNT COUNTRY - SITE PLAN

SHEET NUMBER

20 C-101



TRENCH SECTION FOR PIPE 18 INCH DIAMETER OR SMALLER

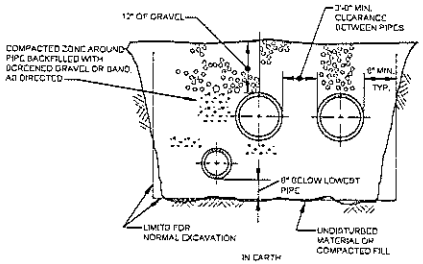
NOT TO SCALE

TRENCH WIDTH Ws OR Wu			
NOMINAL PIPE DIAMETER D	DEPTH OF PIPE INVERT BELOW GROUND SURFACE		
	0 TO 12'	12' TO 20'	>20'
24" AND SMALLER	5'-0"	7'-0"	9'-0"
OVER 24"	D + 3'-0"	D + 5'-0"	D + 7'-0"
TWO 24"	2D + 6'-0"	2D + 8'-0"	2D + 10'-0"

1. PIPE TRENCHES MAY BE EXCAVATED WIDER THAN TRENCH WIDTH Ws (SHEETED) OR Wu (UNSHEETED) ABOVE THE TOP OF PIPE ZONE.
2. TRENCHES SHALL NOT BE EXCAVATED BEYOND THE TRENCH WIDTH Ws BELOW THE TOP OF PIPE ZONE.
3. SHEETING MUST BE USED IF EXCAVATION AND BACKFILL BELOW NORMAL DEPTH IS REQUIRED. SHEETING SHALL BE LEFT IN PLACE BELOW A LINE 1'-0" ABOVE THE TOP OF PIPE.

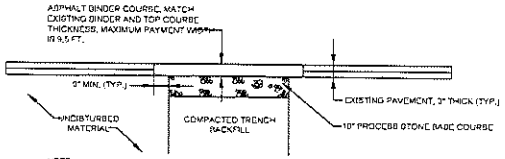
GENERAL NOTES FOR PIPE TRENCHES

NOT TO SCALE



MULTIPLE PIPE TRENCH SECTION

NOT TO SCALE

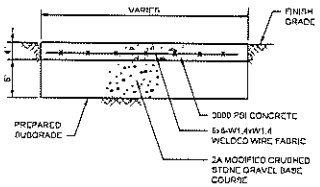


NOTE

1. REMOVE AND DISPOSE OF EXCESS MATERIAL TO LOCATION AS DIRECTED BY THE ENGINEER.

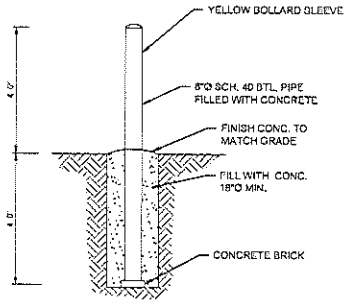
PAVEMENT TRENCH REPAIR

NOT TO SCALE



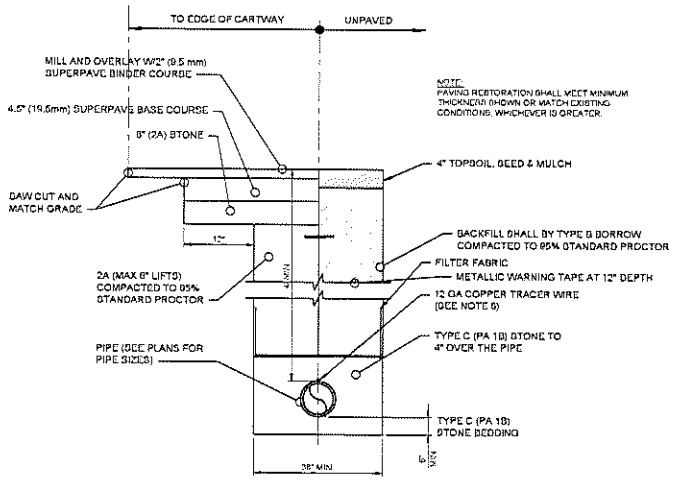
CONCRETE SIDEWALK DETAIL

NOT TO SCALE



BOLLARD DETAIL

NOT TO SCALE



NOTE:
PAVING RESTORATION SHALL MEET MINIMUM THICKNESS SHOWN OR MATCH EXISTING CONDITIONS, WHICHEVER IS GREATER.

TYPICAL TRENCH DETAIL

NOT TO SCALE

NOTES:

1. A METALLIC LINED UNDERGROUND WARNING TAPE SHALL BE PLACED AT 12" DEEP, THE ENTIRE LENGTH OF ALL BURIED WATER PIPE. THE TAPE SHALL BE 6", METALLIC CORE, COLOR BLUE, MARKED "BURIED WATER LINE BELOW". TAPE SHALL BE EQUAL TO "BTCTON NAMEPLATE CORPORATION".
2. ALL CONSTRUCTION IN ROADWAYS SHALL MEET PENNDOT REQUIREMENTS AT A MINIMUM.
3. CONTRACTOR SHALL REPLACE ALL DAMAGED PAVEMENT OUTSIDE OF SAW CUT WIDTH SHOWN AT NO COST TO OWNER.
4. SPECIFICATIONS PROVIDE ADDITIONAL REQUIREMENTS.
5. 12 GA COPPER TRACER WIRE SHALL BE PLACED ALONG ENTIRE LENGTH OF THE WATER LINE AND SHALL BE ACCESSIBLE FROM INSIDE VALVE COVERS.

AECOM

PROJECT

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WELL PACKAGE A.4
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REGISTRATION

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ISSUE/REVISION

NR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
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Scale	-

DISCIPLINE

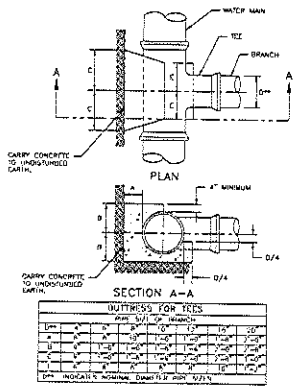
CIVIL

SHEET TITLE

DETAILS I

SHEET NUMBER

99 C-501

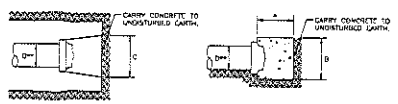


BUTTRESS FOR TEES							
			PIPE SIZE OR BRANCH				
D**		6"	8"	10"	12"	16"	20"
A		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
C		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
E		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR TEES

SCALE: NTS

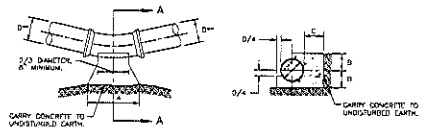


BUTTRESS FOR CAPS							
			PIPE SIZE				
D**		6"	8"	10"	12"	16"	20"
A		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
C		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR CAPS

SCALE: NTS

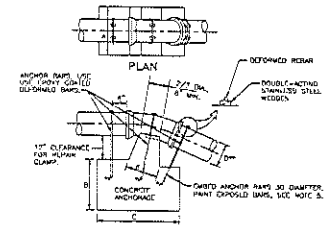


BUTTRESS FOR HORIZONTAL BENDS							
			PIPE SIZE				
D**		6"	8"	10"	12"	16"	20"
1/32 BEND	A	4"	6"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/16 BEND	A	4"	6"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/8 BEND	A	4"	6"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/4 BEND	A	4"	6"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR HORIZONTAL BENDS

SCALE: NTS



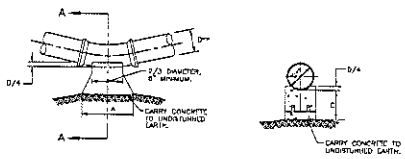
ANCHORAGES FOR UPPER VERTICAL BENDS							
			PIPE SIZE				
D**		6"	8"	10"	12"	16"	20"
1/32 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/16 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/8 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

EPOXY COATED ANCHOR BARS				
PIPE SIZE	1/32 BEND	1/16 BEND	1/8 BEND	
4"				
6"				
8"				
10"				
12"				
16"				
20"				

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,000 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

ANCHORAGE FOR UPPER VERTICAL BENDS

SCALE: NTS

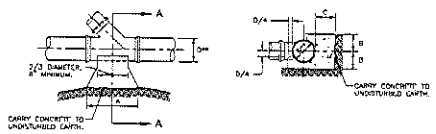


BUTTRESS FOR LOWER VERTICAL BENDS							
			PIPE SIZE				
D**		6"	8"	10"	12"	16"	20"
1/32 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/16 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/8 BEND	A	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	B	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,000 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS. SPECIFIC AND SHALL REQUIRE

ANCHORAGE FOR UPPER LOWER VERTICAL BENDS

SCALE: NTS



BUTTRESS FOR WYE CONNECTION							
			PIPE SIZE				
D**		6"	8"	10"	12"	16"	20"
A		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
C		1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZE.							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'_c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
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4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR WYE CONNECTION

SCALE: NTS

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
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CONSULTANT

AECOM
625 West Ridge Pk Ste C-100
Conshohocken, PA 19428
610.234.5402 tel
www.aecom.com

CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA
REGISTERED
PROFESSIONAL
BENJAMIN DEATRICH
ENGINEER
6-17-2025

ISSUE/REVISION

BR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By	JJ
Drawn By	OK
Dept Check	BD
Proj Check	BD
Date	AUGUST 2025
Scale	NO SCALE

DISCIPLINE

CIVIL

SHEET TITLE

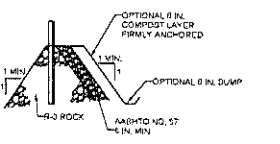
DETAILS II

SHEET NUMBER

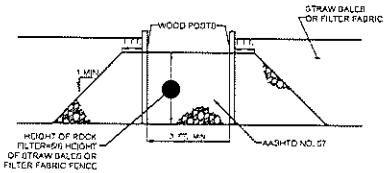
99 C-502

EROSION AND SEDIMENTATION CONTROL NOTES

1. CONDUCT ALL EARTH DISTURBANCE ACTIVITIES WITHIN THE LIMIT OF DISTURBANCE. CLEARLY MARK THE LIMIT OF DISTURBANCE PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES.
2. STABILIZED DISTURBED AREAS THAT ARE TO BE IMMEDIATELY STABILIZED BEFORE THE END OF EACH WORKING DAY.
3. PERMANENTLY STABILIZE DISTURBED AREAS PROMPTLY AFTER FINAL EARTH MOVING HAS BEEN COMPLETED. WHERE IT IS NOT POSSIBLE TO PROVIDE PERMANENT STABILIZATION, PROMPTLY IMPLEMENT INTERIM STABILIZATION MEASURES AND MAINTAIN UNTIL FINAL STABILIZATION CAN BE ACHIEVED.
4. CLEAN UP DISCARDED MATERIAL AND DEBRIS WITHIN EACH SCHEDULED SECTION OF CONSTRUCTION IMMEDIATELY AFTER COMPLETION OF EACH SECTION. MAINTAIN AN AREA THAT IS CLEAN AND FREE OF ANY MATERIAL RESULTING FROM THE WORK.
5. FOR MATERIALS THAT MAY REQUIRE SPECIAL DISPOSAL (SUCH AS DISCARDED HAZARDOUS MATERIALS), ENSURE THE MATERIAL IS DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH MATERIALS.
6. ENSURE THAT ALL OFF-SITE WASTE AND BORROW SITES HAVE AN APPROVED SOIL EROSION AND SEDIMENTATION CONTROL PLAN.
7. ENSURE ALL FILL MATERIAL BROUGHT ON SITE IS CLEAN FILL. CLEAN FILL IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S MANAGEMENT OF FILL POLICY.
8. PLACE EARTHEN FILL IN COMPACTED LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS.
9. FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHOULD NOT BE INCORPORATED INTO FILLS.
10. DO NOT PLACE FILL ON SATURATED OR FROZEN SURFACES.
11. ASSIGN A QUALIFIED INDIVIDUAL TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT POLLUTION CONTROL AS THE OPERATOR/RESPONSIBLE PERSON (ORP) TO PERFORM THE DUTIES DESCRIBED HEREIN.
12. DIRECT THE ORP TO PERFORM VISUAL INSPECTIONS OF ALL ESPC BMPS ON A WEEKLY BASIS AND AFTER ALL RUNOFF EVENTS TO ENSURE PROPER INSTALLATION AND MAINTENANCE TO EFFECTIVELY MINIMIZE POLLUTION TO WATERS OF THE COMMONWEALTH. SUBMIT A WRITTEN REPORT TO THE ENGINEER AND BUCKS COUNTY CONSERVATION DISTRICT. INCLUDE AT A MINIMUM (1) A SUMMARY OF SITE CONDITIONS, ESPC BMP IMPLEMENTATION, MAINTENANCE ACTIVITIES, AND COMPLIANCE ACTIONS, AND (2) THE DATE, TIME, NAME, AND SIGNATURE OF THE ORP WHO PERFORMED THE INSPECTION.



OUTLET CROSS-SECTION



UP-SLOPE FACE

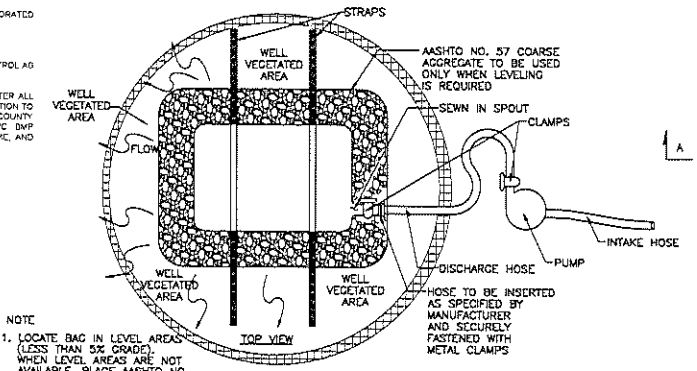
ROCK FILTER OUTLET

NOT TO SCALE

NOTES:

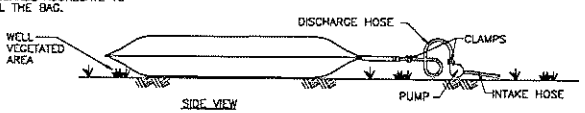
A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.



NOTE

1. LOCATE BAG IN LEVEL AREAS (LESS THAN 5% GRADE). WHEN LEVEL AREAS ARE NOT AVAILABLE, PLACE AASHTO NO. 57 COARSE AGGREGATE TO LEVEL THE BAG.



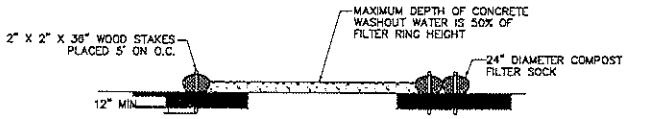
SIDE VIEW

PUMPED WATER FILTER BAG

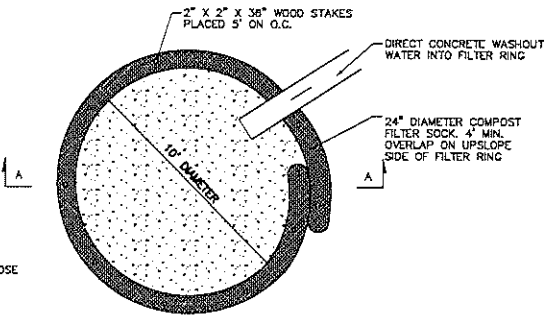
NOT TO SCALE

NOTES

1. PROVIDE A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. IT IS RECOMMENDED THAT BAGS BE PLACED ON PALLETS TO FACILITATE REMOVAL.
2. BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.
3. NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHOULD BE INSTALLED BELOW BAGS LOCATED WITHIN 50 FEET OF RECEIVING STREAM OR WHERE GRASSY AREA IS NOT AVAILABLE. A COMPOST BERM OR COMPOST FILTER SOCK SHALL BE PLACED BELOW ANY BAG DISCHARGING TO A SPECIAL PROTECTION SURFACE WATER.
4. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.
5. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1.2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.
6. FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.
7. LOCATE BAG IN LEVEL AREAS (LESS THAN 5% GRADE). WHEN LEVEL AREAS ARE NOT AVAILABLE, PLACE AASHTO NO. 57 COARSE AGGREGATE TO LEVEL THE BAG.



SECTION A-A



PLAN VIEW

CONCRETE WASHOUT

NOT TO SCALE

NOTES:

1. INSTALL ON FLAT (<2%) GRADE FOR OPTIMUM PERFORMANCE.
2. 10' DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ABOVE HEIGHT.
3. A SUITABLE IMPERMEABLE GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.
4. DO NOT PLACE WASHOUT FACILITY WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES, OR SURFACE WATERS.
5. CONCRETE WASHOUT IS INCIDENTAL TO RESPECTIVE CONCRETE CONSTRUCTION ITEMS.

SITE INFORMATION			
	CH. 93 DESIGNATED USE	IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS	ABACT REQUIRED? (Y/N)
DEER RUN	HQ-TSF	NONE	Y
HUNT COUNTRY	HQ-TSF	NONE	Y
[illegible]	TSF	EUTROPHICATION, FLOW REGIME MODIFICATION	Y
[illegible]	TSF	SILTATION, FLOW REGIME MODIFICATION	Y
[illegible]	HQ-CWF	FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION	Y

*ABACT IS REQUIRED FOR RECEIVING STREAMS WITH A CH. 93 DESIGNATED USE OF HIGH QUALITY (HQ) OR EXCEPTIONAL VALUE (EV) OR IF THE STREAM HAS IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS.
**IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS ACCORDING TO THE 2024 DEP INTEGRATED WATER QUALITY REPORT INCLUDE: SILTATION, TURBIDITY, TSS, ALOAC, EUTROPHICATION, NUTRIENTS, FLOW REGIME MODIFICATION, AND HABITAT ALTERATIONS

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
Bryn Mawr, PA 19010
877.987.2782 tel
www.aquawater.com

CONSULTANT

AECOM
625 West Ridge Pk, Ste C-100
Conshohocken, PA 19428
610.205.5400 tel
www.aecom.com

CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER

ISSUE/REVISION

NR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By	JJ
Drawn By	JJ
Dept Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	-

DISCIPLINE

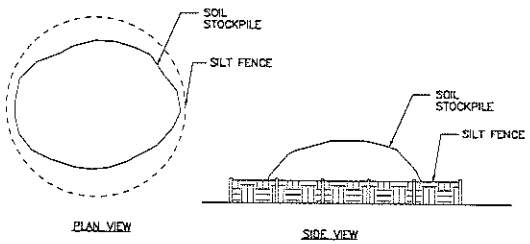
CIVIL

SHEET TITLE

E&S DETAILS I

SHEET NUMBER

99 C-503



SOIL STOCKPILE

NOT TO SCALE

NOTES:

1. SILT FENCE MUST BE PLACED AROUND THE PERIMETER OF THE SOIL STOCKPILE.
2. APPLY TEMPORARY SEEDING AND MULCHING IMMEDIATELY.

SOILS DATA OBTAINED FROM USDA NRCS WEB SOIL SURVEY			
SITE	SYMBOL	DESCRIPTION	EROSION HAZARD
~~CONCORD~~	NeB	NEOSHAMINY SILT LOAM, 3 TO 8 PERCENT SLOPES	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
HUNT COUNTRY	Ha	HATBORO SILT LOAM	EROSION UNLIKELY UNDER ORDINARY CLIMATIC CONDITIONS
~~IVY RIDGE~~	BaB	BOWMANSVILLE-KNAUERS SILT LOAMS	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
	PeD	PENN KLINGEVILLE CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	
	RnB	READVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	
~~MEYERS TRACT~~	RnC	READVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES	EROSION IS VERY LIKELY AND EROSION CONTROL MEASURES ARE ADVISED
	UuhD	URBAN LAND-UDORTHENTS, SHALE AND SANDSTONE COMPLEX, 8 TO 25 PERCENT SLOPES	NOT RATED
~~REDCLIFFE VIEW~~	AbB	ABBOTTSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
	BaB	BOWMANSVILLE-KNAUERS SILT LOAMS	

SOIL LIMITATIONS															
SOIL NAME	CUT BANK SLOPE	CORROSION TO CONCRETE/STEEL	DROUGHTY	EASILY ERODIBLE	FLOODING	DEPTH TO SATURATED ZONE/ SEASONAL HIGH WATER TABLE	PIPING	LOW STRENGTH LANDSLIDE PRONE	SLOW PERCOLATION	PIPING	POOR SOURCE OF TOPSOIL	FROST ACTION	SHRINK-SWELL	POTENTIAL SINKHOLE	PONDING	WETNESS
NEOSHAMINY	X	C/D				X	X	X	X	X	X	X				
HATBORO	X	C/D				X	X	X	X	X	X	X				X
BOWMANSVILLE	X	C/D				X	X	X	X	X	X	X				X
KNAUERS	X	C/D	X			X	X	X	X	X		X	X		X	X
PENN	X	C	X					X	X		X	X	X			
KLINGEVILLE	X	C/D	X	X				X		X		X	X			
READVILLE	X	C/D	X	X			X	X		X	X	X	X			X
GLADSTONE	X	C		X				X		X			X	X		
GLENVILLE	X	C/D					X	X	X	X	X	X	X			X
TOWHEE	X			X			X	X	X	X	X	X	X	X		
UDORTHENTS	X	C/D	X	X					X	X		X	X			
ABBOTTSTOWN	X	C/D		X			X	X	X	X	X	X	X			X

RESOLUTIONS TO SOIL LIMITATIONS

CUTTIANKS CAVE
RESOLUTION - CUT AND FILL SLOPES TO CONSTRUCT IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

CORRODING TO CONCRETE/STEEL
RESOLUTION - ALTERNATE PIPE MATERIALS ARE PROVIDED. PLACE CONCRETE AND STEEL IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

DROUGHTY
RESOLUTION - AT LOCATIONS WHERE DROUGHTY SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO INCREASE SOIL MOISTURE CONTENT.

EASILY ERODIBLE
RESOLUTION - SOIL EROSION CONTROL DEVICES WILL BE USED WHERE NECCASSRY IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

DEPTH TO SATURATED ZONE/SEASONAL HIGH WATER TABLE
RESOLUTION - ONLY USES COMPATIBLE WITH A HIGH WATER TABLE SHOULD BE LOCATED IN THESE AREAS. IF NO OTHER SUITABLE LOCATIONS ARE AVAILABLE FOR USES INCOMPATIBLE WITH A HIGH WATER TABLE, STRUCTURES OR FACILITIES IN THESE AREAS MUST BE DESIGNED TO WITHSTAND POTENTIAL SETTLEMENT DUE TO CONSOLIDATION (IF COMPRESSIVE SOILS ARE PRESENT) AND DECREASED BEARING CAPACITY. APPROPRIATE DRAINAGE MEASURES ARE TO BE INSTALLED.

HYDRICHY DRIC INCLUSIONS
RESOLUTION - ONLY USES COMPATIBLE WITH HYDRIC SOILS SHOULD BE LOCATED IN THESE AREAS. FOUNDATIONS FOR STRUCTURES ON HYDRIC SOILS SHOULD BE APPROPRIATELY DESIGNED. PERFORM NECCESSARY SUBSURFACE INVESTIGATION.

LOW STRENGTH LANDSLIDE PRONE
RESOLUTION - PERFORM NECESSARY SUBSURFACE INVESTIGATION.

SLOW PERCOLATION
RESOLUTION - N/A SINCE NO INFILTRATION BMPS ARE BEING PROPOSED AS PART OF THIS PROJECT.

PIPING
RESOLUTION - PROVIDE ANTI DEEP COLLARS AT STORMWATER MANAGEMENT BMP OUTLETS TO PREVENT EMBANKMENT FAILURE.

POOR SOURCE OF TOPSOIL
RESOLUTION - IF THERE ARE NO SUITABLE ONSITE SOILS FOR TOPSOIL SUITABLE MATERIAL WILL NEED TO BE IMPORTED. SUITABLE MATERIAL SHOULD CONFORM TO PUBLICATION 408, SECTION 802.2.

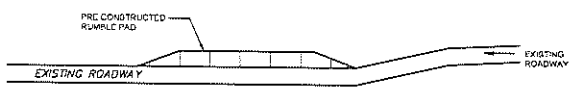
FROST ACTION
RESOLUTION - STRUCTURES OR FACILITIES LOCATED ON SOILS SUSCEPTIBLE TO FROST ACTION MUST BE PLACED AT A MINIMUM DEPTH TO PREVENT FROST ACTION.

SHRINK-SWELL
RESOLUTION - AT LOCATIONS WHERE SHRINK-SWELL SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO ACCOMMODATE POTENTIAL SOIL MOVEMENT.

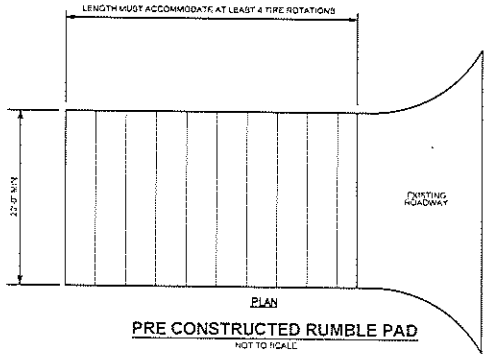
POTENTIAL SINKHOLE
RESOLUTION - N/A

PONDING
RESOLUTION - AT LOCATIONS WHERE PONDING SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO MANAGE STANDING WATER CONDITIONS.

WETNESS
RESOLUTION - ONLY USES COMPATIBLE WITH WET SOILS SHOULD BE LOCATED IN AREAS WITH THESE SOIL TYPES. IF NO OTHER SUITABLE LOCATIONS ARE AVAILABLE FOR USES INCOMPATIBLE WITH WET SOILS, STRUCTURES AND FACILITIES MUST BE DESIGNED TO ACCOMMODATE THE WET CONDITIONS AND APPROPRIATE DRAINAGE MEASURES ARE TO BE INSTALLED.



PROFILE

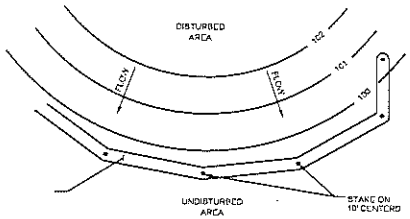


PLAN

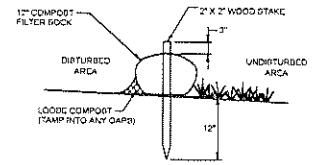
PRE CONSTRUCTED RUMBLE PAD

NOT TO SCALE

1. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. PROVIDE A SUFFICIENT NUMBER OF PADS FOR A MINIMUM OF 4 TIRE REVOLUTIONS WHILE ON THE PAD. MORE PADS OR MANUAL CLEANING OF TIRES MAY BE NEEDED DEPENDING ON SITE CONDITIONS.
2. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
3. RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING RUMBLE PAD.
4. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTED SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF RUMBLE PAD BY 50 FT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.



PLAN



SECTION VIEW

COMPOST FILTER SOCK - VARIOUS DIAMETERS

NOT TO SCALE

1. REMOVE DEPOSITS WHEN SEDIMENT ACCUMULATION IS ONE THIRD THE HEIGHT OF THE EXPOSED COMPOST FILTER BERM OR ONE HALF OF THE EXPOSED COMPOST FILTER SOCK.
2. PLACE COMPOST FILTER SOCK/BERM ON LEVEL GRADE. EXTEND BOTH ENDS OF THE COMPOST FILTER SOCK/BERM AT LEAST 8'-0" UPSLOPE AT 45 DEGREES TO THE MAIN ALIGNMENT.
3. REPLACE BIODEGRADABLE FILTER SOCK AFTER 6 MONTHS; PHOTODEGRADABLE AFTER 12 MONTHS.
4. COMPLY WITH PENNDOT STANDARD SPECIFICATION 867 (PUBLICATION 408).

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.

762 Lancaster Ave
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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN BEATRICH ENGINEER

ISSUE/REVISION

NO.	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date	AUGUST 2026
Scale	-

DISCIPLINE

CIVIL

SHEET TITLE

E&S DETAILS II

SHEET NUMBER

99 C-504

SEEDING NOTES

1. SOIL SUPPLEMENTS AND SEEDING WILL BE IN ACCORDANCE WITH SECTION 804 OR OTHER APPROVED SPECIAL PROVISIONS.
2. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 4 DAYS UPON REACHING FINISHED GRADE. ROLLED EROSION CONTROL PRODUCTS SHALL BE INSTALLED IN SEEDED AREAS WITH 50 FEET OF SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, ACCORDING TO THE STANDARDS OF THIS PLAN.
3. WITHIN 4 DAYS AFTER EARTH DISTURBANCE CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. NONGERMINATING MONTHS, MULCH, OR ROLLED EROSION CONTROL PRODUCTS SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITH 1 YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATE WITHIN 1 YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
4. STOCKPILES MUST BE SEEDED AND MULCHED IMMEDIATELY.

SEEDING APPLICATION DATES

1. SPREAD SEEDS WHERE INDICATED AND AT THE RATES AS INDICATED. SPREAD SEEDS WITHIN THE FOLLOWING DATES, OR OTHERWISE INDICATED OR DIRECTED.
   - 1.1. FORMULA B AND D - MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 15
   - 1.2. FORMULA RG - APRIL 1 TO JUNE 15, AUGUST 15 TO SEPTEMBER 15
   - 1.3. FORMULA C - MARCH 15 TO OCTOBER 15
- FOR INFORMATION ONLY, REFER TO PADOT'S PUBLICATION 408, SECTION 804 AND 805 FOR COMPLETE REGULATORY SPECIFICATION.

EXTEND SEEDING DATES WHERE PROJECT CONDITIONS WARRANT. APPLY FULL TREATMENT OR APPLY ONLY 50% OF THE PERMANENT SEEDING AND SOIL SUPPLEMENTS AND APPLY THE REMAINING 50% WITHIN THE NEXT SEEDING DATES, AS DIRECTED IN WRITING.

USE TILLAGE AND SOIL SUPPLEMENTS BEFORE PERMANENT SEEDING ON TOPSOILED AREAS, WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED.

THE CONTRACTOR MAY APPLY PERMANENT SEED AND/OR SOIL SUPPLEMENTS WITHOUT TILLING ON UNTOPSOILED AREAS, WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED.

SCHEDULE OF SEEDING AND SOIL SUPPLEMENTS	
SEEDING AND SOIL SUPPLEMENT FORMULA	APPLICATION
B	NONSTEEP AREAS (LESS THAN 4:1) HIGHLY MAINTAINED AND MOWED SURFACES, USE ONLY ON TOPSOIL
D	CUT/FILL SLOPES GREATER THAN 3:1 AND VEGETATED SWALE
RG	RAIN GARDEN
C	TEMPORARY SEEDING

MULCHING NOTES

MULCHING SEEDED AREAS

1. PLACE MULCH IMMEDIATELY AFTER SEEDING OR WITHIN 48 HOURS AFTER SEEDING IS COMPLETED. UNLESS OTHERWISE INDICATED, PLACE ONLY STRAW OR WOOD FIBER OVER TOPSOILED AREAS. USE HAY, STRAW, OR WOOD FIBER IN OTHER AREAS, AS INDICATED OR SPECIFIED.
2. PLACE HAY OR STRAW UNIFORMLY, IN A CONTINUOUS BLANKET, AT A MINIMUM RATE OF 1,200 POUNDS PER 1,000 SQUARE YARDS, OR AS OTHERWISE INDICATED. IF DIRECTED, INCREASE THE RATE OF APPLICATION, DEPENDING UPON THE MATERIAL USE, SEASON, SOIL CONDITIONS, OR METHOD OF APPLICATION. AN ACCEPTABLE MECHANICAL BLOWER MAY BE USED TO APPLY MULCH. DO NOT USE MACHINE THAT CUT MULCH INTO SHORT PIECES. ANCHOR MULCH WITH SPECIFIED MULCH BINDERS AT THE FOLLOWING RATES:
   - 2.1. RECYCLED CELLULOSE FIBER: 100 POUNDS PER 1,000 SQUARE YARDS.
   - 2.2. WOOD FIBER: 100 POUNDS PER 1,000 SQUARE YARDS.
   - 2.3. NONASPHALTIC EMULSION: AT MANUFACTURER'S RECOMMENDED RATE.
   - 2.4. POLYVINYL ACETATE: AT MANUFACTURER'S RECOMMENDED RATE.
   - 2.5. RECYCLED CELLULOSE FIBER/WOOD FIBER MIXTURE: 100 POUNDS PER 1,000 SQUARE YARDS.
3. THE MULCH BINDER APPLICATION IS INCIDENTAL TO THE APPLICATION OF STRAW AND HAY MULCH.
4. APPLY WOOD FIBER MULCH HYDRAULICALLY ACCORDING TO THE MANUFACTURER'S TANK-MIXING INSTRUCTION. IT MAY BE INCORPORATED AS AN INTEGRAL PART OF THE SLURRY AFTER THE SEED AND SOIL SUPPLEMENTS HAVE BEEN THOROUGHLY MIXED. APPLY UNIFORMLY AT THE RATE OF 320 POUNDS PER 1,000 SQUARE YARDS, UNLESS OTHERWISE INDICATED.
5. MULCH TEMPORARY SEEDED AREAS WITH HAY.

MULCHING PLANTED AREAS:

1. INDIVIDUAL PLANTING PITS: UNIFORMLY APPLY TO DESIGNATED MULCH SPECIFIC INSPECTION 805.2(A)2 TO THE ENTIRE PLANT PIT TO A LOOSE DEPTH OF 3 INCHES AND AS SHOWN ON THE STANDARD DRAWING. APPLY MULCH WITHIN 48 HOURS AFTER COMPLETION OF THE PLANTING OPERATION.
2. PLANTING BEDS: COVER DESIGNATED SHRUB BEDS WITH MULCH OR MULCH AND WEED BARRIER MAT OR MULCH AND WEED CONTROL MAT AS INDICATED. SECURE MAT THAT TO THE SOIL SURFACE WITH STAPLES OR OTHER APPROVED ANCHORING DEVICES AT A MAXIMUM INTERVAL SPACING OF 3 FEET AND ALONG ALL EDGES AND OVERLAPS. OVERLAP MAT EDGE WITH 2 INCH MINIMUM.
3. UNIFORMLY APPLY A DESIGNATED MULCH SPECIFIED IN SECTION 805.2(A)2 OVER THE ENTIRE BED AREA TO A LOOSE DEPTH OF 3 INCHES. REDISTRIBUTE EXCESSIVE MULCH DEPTH. TAPER MULCH AT PLANT PIT. APPLY MAT AND MULCH WITHIN 48 HOURS AFTER COMPLETION OF THE PLANTING OPERATION.

MULCH APPLICATION RATES

MULCH TYPE	APPLICATION RATE (MIN.)			NOTES
	PER ACRE	PER 1,000 SQ FT	PER 1,000 SQ YD	
STRAW	3 TONS	140 LB	1,240 LB	EITHER WHEAT OR OAT STRAW, FREE OF WEEDS, NOT CHOPPED OR FINELY BROKEN
HAY	3 TONS	140 LB	140 LB	TIMOTHY, MIXED CLOVER AND TIMOTHY OR OTHER NATIVE FORAGE GRASSES
WOOD CHIPS	4 - 6 TONS	185-275 LB	1,650-2,500 LB	MAY PREVENT GERMINATION OF GRASSES AND LEGUMES
HYDROMULCH	1 TON	47 LB	416 LB	SEE LIMITATIONS ABOVE

SOIL AMENDMENT APPLICATION RATE EQUIVALENTS

SOIL AMENDMENT	PERMANENT SEEDING APPLICATION RATE			NOTES
	PER ACRE	PER 1,000 SQ FT	PER 1,000 SQ YD	
AGRICULTURAL LIME	8 TONS	340 LB	2,460 LB	OR AS PER SOIL TEST, MAY NOT BE REQUIRED IN AGRICULTURAL FIELDS
10-20-20 FERTILIZER	1,000 LB	25 LB	210 LB	
TEMPORARY SEEDING APPLICATION RATE				
AGRICULTURAL LIME	1 TON	40 LB	410 LB	TYPICALLY NOT REQUIRED FOR STOCKPILES
10-10-10 FERTILIZER	500 LB	12.5 LB	100 LB	

AECOM

PROJECT

PFAS TREATMENT WELL PACKAGE A.4 MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA — PROFESSIONAL — BENJAMIN DEATRICH — ENGINEER — 6-17-2026

ISSUE/REVISION

NO	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By	JJ
Drawn By	JJ
Dept Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	1" = 20'

DISCIPLINE

CIVIL

SHEET TITLE

E&S DETAILS III

SHEET NUMBER

99 C-505

PLANTING NOTES:

1. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH OTHER CONTRACTORS PERFORMING WORK ON THE SITE.
2. CONTRACTOR SHALL STAKE OUT PLANTING ZONES FOR REVIEW BY OWNER OR ENGINEER PRIOR TO INSTALLING PLANTS.
3. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL PLANTS AND PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
6. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HRS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UNDERGROUND UTILITIES, AND OTHER ELEMENTS, AND COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO INITIATING OPERATIONS. THE CONTRACTOR SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF LANDSCAPE CONSTRUCTION.
8. REFER TO THE SPECIFICATION FOR LANDSCAPE INSTALLATION, MAINTENANCE, WATERING, AND WARRANTY TERMS.
9. CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIALS INDICATED ON PLANS TO REMAIN. ALL PLANT MATERIAL INDICATED TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL OR AS REQUIRED BY THE LOCAL REVIEWING AUTHORITY, WHICHEVER HAS A GREATER RECOMPENSE VALUE.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES.
11. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWING AND FIELD CONDITIONS TO THE DESIGN PROFESSIONAL PRIOR TO STARTING CONSTRUCTION. FOLLOW THE DESIGN PROFESSIONAL'S INSTRUCTIONS ON RESOLVING ANY DISCREPANCIES.
12. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWING.
13. NO PLANT OR CULTIVAR SUBSTITUTIONS WILL BE ACCEPTABLE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
14. OWNER'S REPRESENTATIVE SHALL INSPECT PLANT MATERIAL FOR ACCEPTANCE PRIOR TO PLANTING.
15. REFER TO PLANTING DETAILS AND SPECIFICATIONS FOR INFORMATION RELATING TO PLANTING PIT DIMENSIONS AND COMPOSITION OF PLANTING SOIL MIXTURE.
16. PLANT CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING. NEVER LIFT OR HANDLE THE TREE BY THE TRUNK.
17. ALL AREAS THAT HAVE BEEN DISTURBED BY PLANTING ACTIVITY SHALL BE RESTORED TO A NEAT CONDITION. AREAS WITH BARE SOIL SHALL BE STABILIZED WITH THE APPROPRIATE MEASURE AS SPECIFIED ON THE PLANTING PLAN AND SPECIFICATIONS.
18. MULCHING SHALL BE COMPLETED WITHIN 48 HOURS AFTER PLANTING OF NEW PLANT MATERIAL. MULCH SHALL BE SPREAD TO A MINIMUM DEPTH OF 4" FOR INDIVIDUALLY PLANTED TREES AND SHRUBS AND SHOULD COVER THE ENTIRE EXCAVATED PIT AREA OF EACH PLANT.
19. PLANTS SHALL BE SPACED ACCORDING TO PLANT SCHEDULE WITH A DIVERSITY OF SPECIMENS SPREAD THROUGHOUT THE PLANTING ZONE.
20. IF POSSIBLE, PLANTS SHOULD BE PURCHASED FROM A SOURCE NEAR THE INSTALLATION SITE FOR THE BEST CHANCE OF SURVIVAL, BECAUSE THEY WILL BE WELL-ADAPTED TO LOCAL SOIL AND CLIMATIC CONDITIONS.
21. PLANT DENSITIES, QUANTITIES, AND AREAS SHOWN IN PLANTING SCHEDULES ARE FOR CONVENIENCE ONLY AND MAY NOT BE ACCURATE WITH AS-BUILT CONDITIONS. CONTRACTOR SHALL SUBMIT ESTIMATES FOR PLANT DENSITIES AND PLANTING AREAS IN THE PLANTING PLAN.

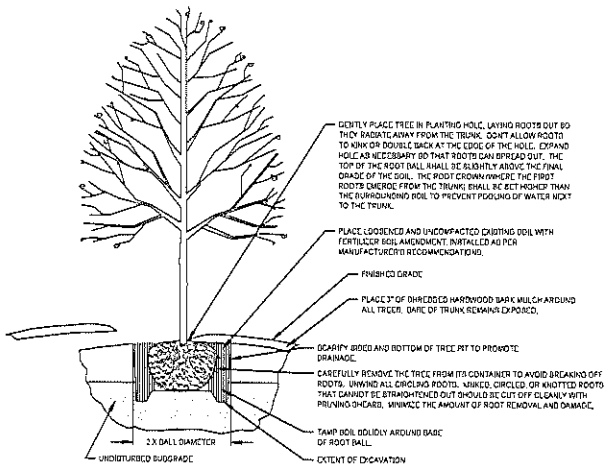
PLANT SYMBOLS:

THUJA GREEN GIANT ARBORVITAE

SPARTAN JUNIPER

HUNT COUNTRY WELL TREATMENT FACILITY PLANT SCHEDULE

QUANTITY	ABBRV.	SCIENTIFIC NAME	COMMON NAME	HEIGHT	CALIPER	ROOT
8	GA	THUJA PLICATA X STANDISHII 'GREEN GIANT'	THUJA GREEN GIANT ARBORVITAE	5-6'	–	#3 CONT
8	JS	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	4-5'	–	#7 CONT



TREE PLANTING DETAIL
N.T.S.

AECOM

PROJECT
PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT
AQUA PENNSYLVANIA, INC.
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CONSULTANTS

REGISTRATION
COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICK CHANCES PENDING

ISSUE/REVISION

NR	DATE	DESCRIPTION

PROJECT NUMBER
60754405

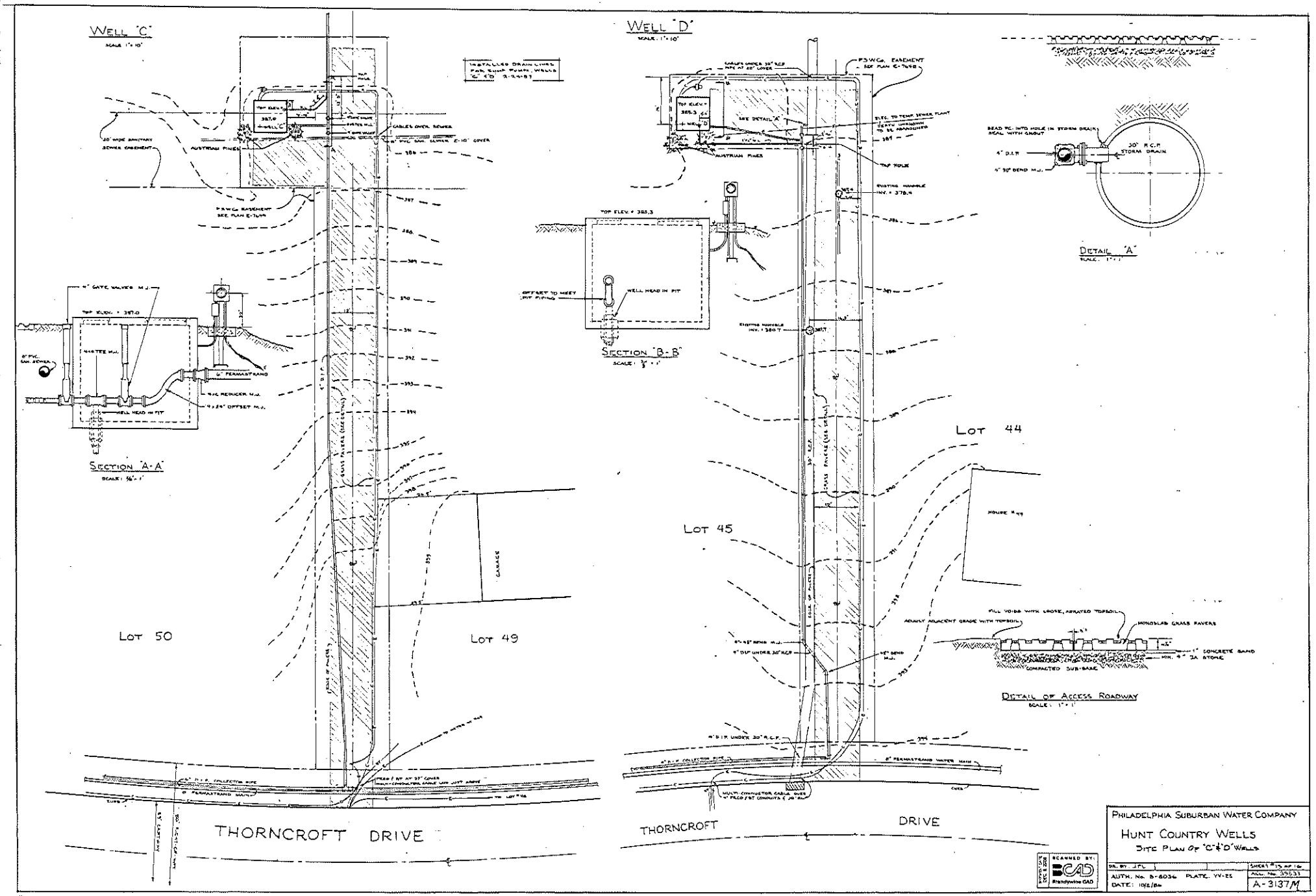
Designed By	JJ
Drawn By	JJ
Dept Check	BD
Proj Check	BD
Date	AUGUST 2026
Scale	-

DISCIPLINE
CIVIL
SHEET TITLE
PLANTING DETAILS

SHEET NUMBER
99 C-506

AECOM

Attachment 4: Easement Information for Well Locations


WELL "C"
SCALE 1" = 10'
WELL "D"
SCALE 1" = 10'
INSTALLED DRAIN LINES FOR SUMP PUMPS, WELLS "C" & "D" 2-24-83
30' WIDE SANITARY SEWER EASEMENT
AUSTRIAN PINES
CABLES OVER SEWER
P.S.W.Co. EASEMENT SEE PLAN E-7449
TOP ELEV. = 387.0
WELL "C"
8" P.V.C. SAN. SEWER
4" GATE VALVES M.J.
WATER M.H.
8" PERMASTRAND
8"x6" REDUCER M.J.
6"x 22½° OFFSET M.J.
WELL HEAD IN PIT
SECTION "A-A"
SCALE: ½" = 1'
CHAIN LINK FENCE
GRASS PAVERS (SEE DETAIL)
4" D.I.P.
GARAGE
Lot 50
Lot 49
THORNCROFT DRIVE
50' R.O.W.
SHADE UNDER 30" RCP PIPE AT 20° LOWER
P.S.W.Co. EASEMENT SEE PLAN E-7449
TOP ELEV. = 385.3
WELL "D"
ELEC. TO TEMP SEWER PLANT (DEPTH UNKNOWN TO BE ABANDONED
SEE DETAIL "A"
AUSTRIAN PINES
TOP HOLE
EXISTING MANHOLE INV. = 378.4
WE4
TOP ELEV. = 385.3
OFFSET TO WELL DISCHARGE PIPING
WELL HEAD IN PIT
SECTION "B-B"
SCALE: ½" = 1'
EXISTING MANHOLE INV. = 380.7
30" R.C.P.
Lot 45
Lot 44
HOUSE #44
4" D.I.P. UNDER 30" R.C.P.
8" PERMASTRAND WATER MAIN
MULTI CONNECTOR CABLE DUCT
CURB
THORNCROFT DRIVE
READ PC. INTO HOLE IN STORM DRAIN SEAL WITH GROUT
4" D.I.P.
4" 90° BEND M.J.
30" R.C.P. STORM DRAIN
DETAIL "A"
SCALE: 1" = 1'
FILL VOIDS WITH LOOSE, AERATED TOPSOIL
EVENLY ADJACENT GRADE WITH TOPSOIL
MONOSLAB GRASS PAVERS
1" CONCRETE SAND
MIN. 4" 3A STONE
COMPACTED SUB-BASE
DETAIL OF ACCESS ROADWAY
SCALE: 1" = 1'
PHILADELPHIA SUBURBAN WATER COMPANY
HUNT COUNTRY WELLS
SITE PLAN OF "C" & "D" WELLS
DR. BY: J.P.L.
SHEET 15 OF 16
AUTH. No. B-8036 PLATE. YY-25
DATE: 10/2/84
A-3137M
SCANNED BY: BCAD Brandywine CAD

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380
610-692-7171 ext. 3103
kkrause@eastgoshen.org

Date: September 16, 2026
To: Planning Commission
From: Kelly A. Krause, Zoning Officer
Re: AQUA PENNSYLVANIA, INC.- PFAS TREATEMENT WELL PROJECT
Thorncroft Drive, West Chester
(Easement area between 620 & 622 Thorncroft Drive)
Conditional Use Application

Aqua Pennsylvania, Inc., located in Bryn Mawr, PA, 19010, seek Conditional Use approval to allow the improvement and expansion of an existing groundwater well station located between 620 and 622 Thorncroft Drive, West Chester, PA, 19380, known as Chester Co. UPI Nos. 53-4-132.35 & 53-4-132.36. The proposed improvements are in response to updated National Primary Drinking Water Regulations (NPDWR) Maximum Contaminant Level (MCL) for perfluoroalkyl substance (PFAS) levels in drinking water, as imposed by the EPA.

The proposed improvements to the treatment system include two (2) cylindrical vessels, 6 ft in diameter and approx. 15 ft in height on a concrete pad next to the existing building. Landscaping will be planted around the structure to minimize the visual presence of the installation.

The subject property is located within the R-2 Low Density Residential District, allowing for Public Utility facilities by Conditional Use approval, pursuant to §240-9.C(9), in accordance with the standards outlined within §240-31.C(3)(aa) of the East Goshen Township Code:

[1] No obnoxious, toxic or corrosive fumes or gases shall be emitted as a result of the use.
[2] No use shall emit offensive odors which are perceptible at lot lines.
[3] No use shall discharge into the air dust or other particulate matter in a manner or quantity which does not conform to all applicable federal and state laws and implementing regulation.
[4] No use shall emit smoke from operations.
[5] No use shall produce any heat perceptible at or beyond the lot boundaries.
[6] No use shall utilize lighting in a manner which does not conform with the lighting standards in this chapter.
[7] No use shall permit physical vibrations perceptible at or beyond the lot boundaries.
[8] No use shall emit potentially harmful radiation.
[9] No use shall engage in the production or storage of any material designed for use as an explosive.
[10] No use shall engage in the storage of waste materials on the lot for any period beyond five days. Such waste material storage shall be located behind the front building line of the primary building and no closer than 50 feet to any rear or side lot line and shall be completely screened from the view of any street or adjoining property.
[11] No use shall discharge any objectionable and/or potentially dangerous effluent from plant operations.
[12] No industrial lagoons for chemicals or other liquid waste shall be permitted.

[13] The portion of any such use not located within a building shall be enclosed or adequately screened in such a manner as to not be visible across property lines.
[14] All uses shall be conducted in compliance with applicable governmental regulations, including the general performance standards of this chapter and the noise and nuisance regulations of Chapter 156.
[15] No retail activity shall be permitted.
[16] The owner of the public utility facility and public utility building shall provide the Township with an emergency liaison that may be reached 24 hours a day, seven days a week, in the event of an emergency.
[17] The owner of the public utility facility and public utility building shall prepare and file with the Township an emergency response plan which shall be followed in the event of an emergency at the facility.
[18] A public utility facility and/or public utility building shall be fully screened in accordance with the criteria set forth in § 240-27C(3).

§240-27C(3)Plant screening.

(a) Landscaped plant screening shall be provided in each buffer yard. This screening shall be composed of mostly evergreen shrubs and trees arranged to form both a low-level and a high-level screen.

(b) The high-level screen shall consist of a combination of evergreen and deciduous trees planted with specimens no less than eight feet in height. The low-level screen shall consist of evergreen shrubs or hedges planted at an initial height of not less than three feet and spaced at intervals of not more than five feet. The planting shall be placed in alternating rows to produce a more effective barrier and to provide space for future growth.

(c) The landowner and his/her successors shall maintain the screen planting and replace any plant material which does not live and which is necessary to form a complete visual screen.

In addition, all Conditional Uses must comply with the following, pursuant to § 240-31C(2):

(a) Not create a significant hazard to the public health and safety, including but not limited to fire, toxic or explosive hazards.

(b) Be suitable for the property in question.

(c) Be designed, constructed, operated and maintained so as to be in harmony with the character of the existing or intended development of the general vicinity.

(d) Not be detrimental to other property in the vicinity, including proper use of adequate setbacks, buffering, berming, locating of nuisance-causing facilities, screening and controls of operations to avoid conflicts. Where, in the opinion of the Board of Supervisors, the distance of setbacks and/or the methods of screening and buffering otherwise established by this chapter would be insufficient, additional screening, buffering and/or widths of setbacks shall be required as a condition of any approval.

(e) Be suitable in terms of permitting the logical, efficient and economic extension of public services and facilities such as central water supply, sanitary sewage and police and fire protection. The applicant shall prove that there is adequate access for fire-fighting and other emergency service equipment. The Board of Supervisors may establish additional conditions on approval to ensure such access, such as sufficient turning radii and cartway width for such equipment, the provision of adequate access for fire fighters to reach all sides of buildings and the provision of paved or compacted surfaces sufficient to support the weight of fire equipment.

(f) After considering any traffic improvements that the applicant may legally commit to fund or construct shall not create significant traffic safety hazards or cause serious traffic congestion.
(g) Minimize adverse impacts upon the preservation and restoration of any historic building(s) on the subject property.
(h) Properly locate and design the proposed structures and other improvements to minimize disruption to existing natural topography, waterways, ponds, groundwater recharge, woods and other important natural resources on the site.

Draft Motion:
Mr. Chairman, I move that we recommend to the Board of Supervisors to _____ (approve/deny) the Conditional Use application of Aqua PA to expand and improve the groundwater well station located between 620 and 622 Thorncroft Drive, West Chester.

DRAFT
EAST GOSHEN TOWNSHIP
PLANNING COMMISSION
September 22, 2026

The East Goshen Township Planning Commission held a regularly scheduled meeting on Tuesday, September 22, 2026 at 7:00 pm in the Township Building.

Members present are highlighted:
John Stipe – Chairman
Dan Truitt, Vice Chairman
Dan Daley
Ernest Harkness
Willian Kaufman
Michael Koza
Karen Martynick

Also present was:
Kelly A. Krause, Zoning Officer
Larry Massaro , BOS Liaison, Township Supervisor
Ann Duffield, Township Supervisor

COMMON ACRONYMS:

BOS – Board of Supervisors
BC – Brandywine Conservancy
CB – Conservancy Board
CCPC – Chester Co Planning Commission
CPTF – Comprehensive Plan Task Force
CVS – Community Visioning Session
SWM – Storm Water Management
ZHB – Zoning Hearing Board

FORMAL MEETING – 7 p.m.

1. John called the meeting to order at 7:00 pm. He led the Pledge of Allegiance and asked for a moment of silence to remember our first responders and military.
2. John asked if anyone would be recording the meeting and if there were any public comments about non-agenda items. There was no response.
3. The minutes of the July 28, 2026 meeting were approved.

CHAIRMAN'S REPORT –

None

OLD BUSINESS

1. Zoning Ordinance Amendment – Data Center Regulations Draft

Ernest mentioned that they received comments from several of the ABCs and Chester County and that the current draft contains those comments. He reviewed the comments from other groups. He spoke about the noise issue and DBC standards. He reviewed the Chester County letter comments on generators, cooling, wastewater, batteries, etc. He reviewed Governor Shapiro's GRID standards which are being considered. Karen feels the pipeline comments were good. Dan D. mentioned the noise issue. Dan T. thanked Ernest for all he did on this project. He feels these regulations should apply to everyone in the I1 district.

Dan T. moved to approve the latest edits of the proposed Data Center Ordinance, all changes that were discussed and send it to the BOS and the County. Bill seconded the motion. The motion passed unanimously.

NEW BUSINESS

1. 1409 Manley Road - Prelim/Final 3-lot Subdivison – Those present for this were George Maalouf, Andrew Campbell, and Christy Flynn. George thinks they did well on drainage and meeting requirements. Easement size was discussed. Andrew spoke about the property. Driveways were discussed. Right of way was discussed with Christy Flynn. Waivers were discussed.
2. Aqua PA, between 620 & 622 Thorncroft Drive – Water Treatment Facility Expansion – Those present from Aqua were Adin Ballas, Elizabeth Fox, and Jocelyn Juliano. Resident Kevin Boylan, 708 Peach Tree Dr. was present. Adin reviewed the project to make water from the well better. He explained that national standards were expanded. The existing wells have above ground tanks that measure 3' x 12' high. Elizabeth explained that the existing ABC & D wells are to be replaced and upgraded. She spoke about the existing building and how water goes through it. An additional 240 sq. ft. is proposed. Proposing screening trees in the front. No change to the driveway. John mentioned that Pennoni is requesting evergreen plantings. Dan D. mentioned the noise level. Ernest suggested a pipeline study be considered. Dan T. asked if the pumps are changing. They are replacing the pumps which are in the ground. John commented that they need enough space for the project and future maintenance.
   Kevin Boylan received a letter about this project since he is within 1,000 feet. He is pleased that the plantings are included but he feels more needs to be included around the area.
   Karen spoke about the need for additional landscaping/screening. Kelly explained future hearings with BOS.
   Dan T. moved that we recommend the BOS approve the Conditional Use application of Aqua PA to expand and improve the groundwater well station located between 620 and 622 Thorncroft Drive West Chester and incorporate additional screening in consultation with the Township engineer. Mike seconded the motion. The motion passed unanimously.

LIASION REPORT

Board of Supervisors – Larry reported that the RFP for the Comp Plan went to 12 firms and is being advertised. They began the budget process for 2027. He spoke about the Enewsletter that will be available monthly.

ANY OTHER MATTER

None

CORRESPONDENCE

None

ADJOURNMENT

There being no further business, Dan T. made a motion to adjourn the meeting. Mike seconded the motion. The meeting was adjourned at 8:20 pm.
The next regular meeting will be held on Tuesday October 27, 2026 at 7 p.m.

Respectfully submitted,

_____

Ruth Kiefer, Recording Secretary

THE COUNTY OF CHESTER

COMMISSIONERS
Josh Maxwell
Marian D. Moskowitz
Eric M. Roe

Matthew J. Edmond, AICP
Executive Director

PLANNING COMMISSION
Government Services Center, Suite 270
601 Westtown Road
P. O. Box 2747
West Chester, PA 19380-0990
(610) 344-6285 Fax (610) 344-6515

Act 67 & 68 Notice of Permit Application - Chester County Response Letter

Date: August 20, 2025

Date Received	July 29, 2025
Applicant Name	AECOM Attn: Ben Deatrich, PE
Applicant Address	625 West Ridge Pike, Suite E-100 Conshohocken PA, 19428 benjamin.deatrich@aecom.com
Project Name	Aqua PFAS Hunt Country Well Package A.4 Upgrades, East Goshen Township

Determination of Consistency with the Chester County Comprehensive Plan, *Landscapes3* (2018) for the above referenced project:

☐ The Chester County Planning Commission declines to review the project for consistency with *Landscapes3*.

☐ The Chester County Planning Commission has previously reviewed this project and the Act 247 letter dated _____ indicates that the project was:
- ☐ Consistent with *Landscapes3*
- ☐ Inconsistent with *Landscapes3*

☑ The Chester County Planning Commission finds the project to be:
- ☑ Consistent with *Landscapes3*
- ☐ Inconsisistent with *Landscapes3*

Additional Comments:

The proposed upgrades to the Hunt Country Well Facility to treat PFAS is consistent with the Landscapes3 Protect Objective F, which states: "Ensure a safe, clean, long-term supply of water to meet the current and future needs of residents and businesses."

Reviewed by:

Name	Carrie Conwell, AICP
Title	Senior Environmental Planner
Signature	Carrie J Conwell

PUBLIC NOTICE REQUIREMENTS

1. CERTIFICATE OF POSTING, OCTOBER 9, 2026
2. CERTIFICATE OF MAILING, SEPTEMBER 9, 2026
3. DAILY LOCAL NEWS PUBLIC NOTICE, OCTOBER 6, 2026 (PROOF OF PUBLICATION NOT AVAILABLE AS OF 10/9/2026)

CERTIFICATE OF POSTING

EAST GOSHEN TOWNSHIP
CONDITIONAL USE APPLICATION

RE: Aqua Pennsylvania, Inc.
Public Utility Facility- §240-9.C(9)
Easement area at 620 & 622 Thorncroft Drive, West Chester, PA, 19380
Tax Parcel Nos. 53-4-132.35 and 53-4-132.36.

I, Kelly A. Krause, Zoning Officer, do hereby certify that on Friday, October 9, 2026, on or about 11:30 a.m., the subject property was posted with notice of the subject Conditional Use Hearing to be held on Tuesday, October 20, 2026, before the East Goshen Township Board of Supervisors.

A copy of said notice and photograph(s) of posting are attached hereto and made a part hereof.

The undersigned understands that this statement is made subject to the penalties of 18 Pa. C.S. Section 4904 relating to unsworn falsifications to authorities.

Kelly A. Krause

KELLY A. KRAUSE
Zoning Officer, East Goshen Township

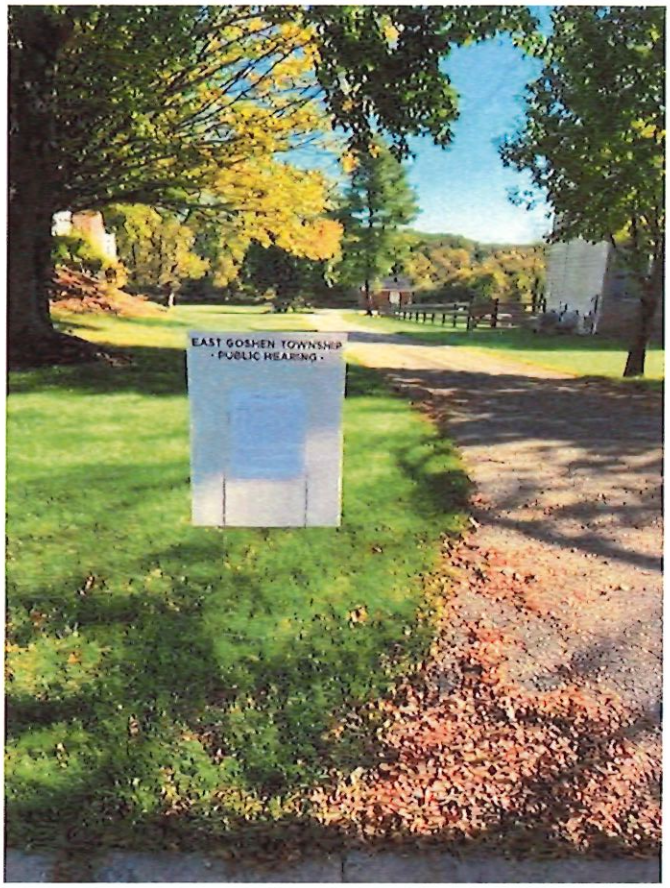
PUBLIC NOTICE

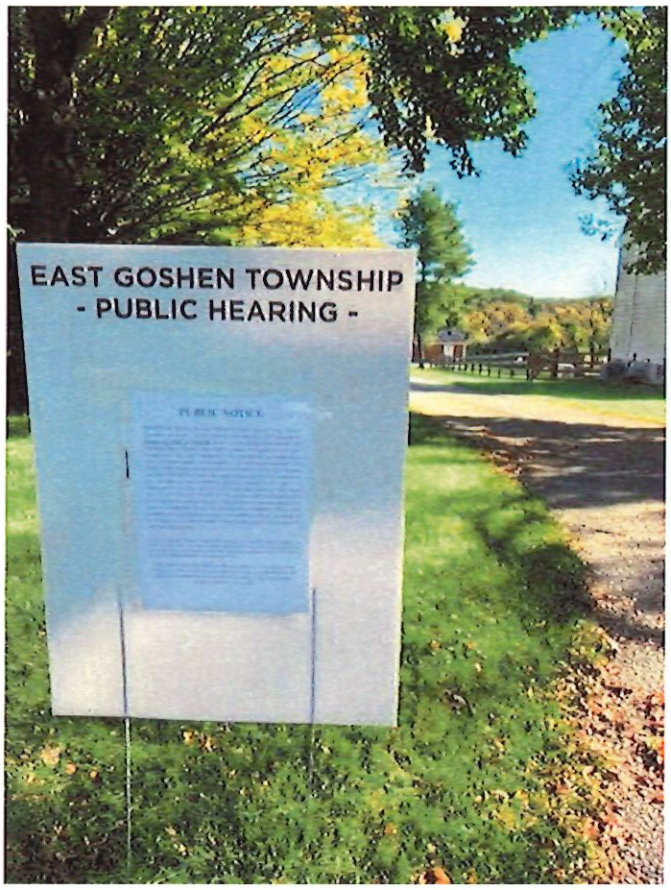
NOTICE IS GIVEN that the Board of Supervisors of East Goshen Township will hold a public hearing at its regular public meeting on **October 20, 2026, at 7:00 PM,** at the Township Building located at 1580 Paoli Pike, West Chester, PA 19380 to consider the Application of Aqua Pennsylvania, Inc. (the "Applicant"), for Conditional Use approval to allow the improvement and expansion of an existing groundwater well Public Utility Facility pursuant to Section 240-9.C(9) of the East Goshen Township Zoning Ordinance. The facility is located within an easement area partially on two residential properties located at 620 and 622 Thorncroft Drive, West Chester, PA, 19380, also known as Tax Parcel Nos. 53-4-132.35 and 53-4-132.36. The properties are located in the R-2 Low Density Residential District. The Applicant is seeking approval to construct a treatment system for perfluoroalkyl substances (PFAS) that includes two (2) cylindrical vessels, 6 ft. in diameter and approximately 15 ft. in height on a concrete pad next to the existing well building and with additional landscaping.

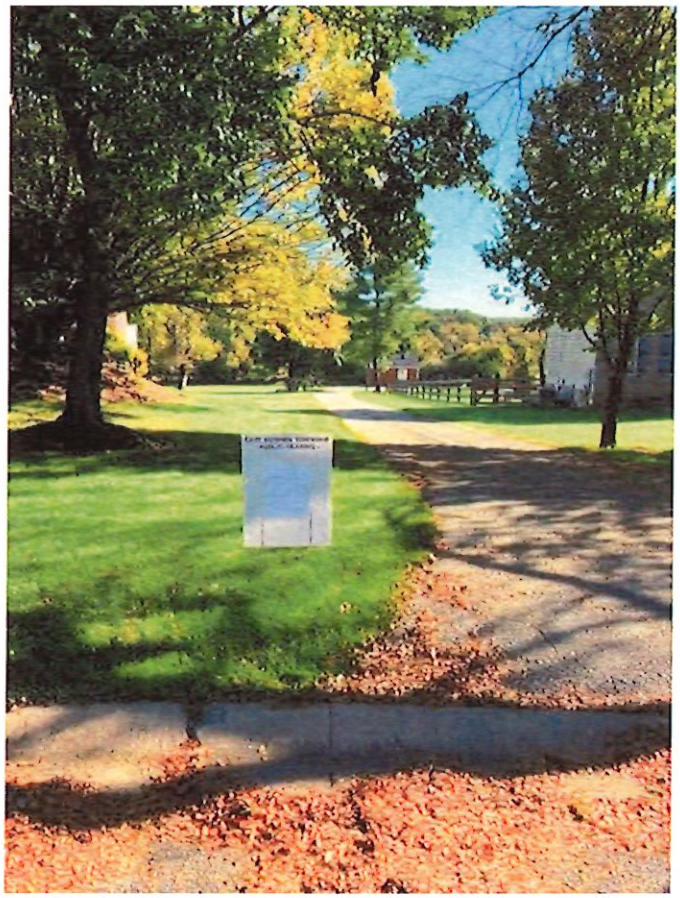
If any person who wishes to attend the Hearing has a disability and/or requires an auxiliary aid, service, or other accommodation to observe and/or participate in the proceedings, he or she should contact the Township Building at (610) 692-7171 to discuss how those needs may be accommodated.

THE ABOVE-REFERENCED APPLICATION IS AVILABLE FOR PUBLIC INSPECTION DURING REGULAR BUISNESS HOURS AT THE EAST GOSHEN TOWNSHIP BUILDING, 1580 PAOLI PIKE, WEST CHESTER, PA 19380.

Photograph(s) of Posting









CERTIFICATE OF MAILING NOTICE

EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS- CONDITIONAL USE HEARING

RE: Aqua Pennsylvania, Inc.
Public Utility Facility- Conditional Use §240-9.C(9)
Easement area at 620 & 622 Thorncroft Drive, West Chester, PA, 19380
Tax Parcel Nos. 53-4-132.35 and 53-4-132.36.

I, Kelly A. Krause, Zoning Officer, do hereby certify that on Wednesday, September 9, 2026, I provided written notice of the September 22, 2026 Planning Commission meeting, and the October 20, 2026 Public Hearing before the Board of Supervisors with regard to the subject Conditional Use Application by regular, first class mail to the owners of all properties located within 1000 feet of the property, which is the subject of the Conditional Use application, as evidenced by the attached letter, property owner mailing list, and affected properties mailing list map.

Kelly A. Krause, Zoning Officer
East Goshen Township

EAST GOSHEN TOWNSHIP

1580 Paoli Pike, West Chester, PA 19380
CHESTER COUNTY

September 9, 2026

«Owner_1» «Owner_2»
«Mailing_Address_1»
«Mailing_Address_2» «Zip_Code»

RE: AQUA PENNSYLVANIA, INC.- PFAS TREATEMENT WELL PROJECT
Thorncroft Drive, West Chester (Easement area between 620 & 622 Thorncroft Drive)
Conditional Use Application

Dear Property Owner:

Aqua Pennsylvania, Inc., located in Bryn Mawr, PA, 19010, seek Conditional Use approval to allow the improvement and expansion of an existing groundwater well station located between 620 and 622 Thorncroft Drive, West Chester, PA, 19380, known as Chester Co. UPI Nos. 53-4-132.35 & 53-4-132.36. The proposed improvements are in response to updated National Primary Drinking Water Regulations (NPDWR) Maximum Contaminant Level (MCL) for perfluoroalkyl substance (PFAS) levels in drinking water, as imposed by the EPA.

The proposed improvements to the treatment system include two (2) cylindrical vessels, 6 ft in diameter and approx. 15 ft in height on a concrete pad next to the existing building. Landscaping will be planted around the structure to minimize the visual presence of the installation.

The subject property is located within the R-2 Low Density Residential District, allowing for Public Utility facilities by Conditional Use approval, pursuant to §240-9.C(9), in accordance with the standards outlined within §240-31.C(3)(aa) of the East Goshen Township Code.

Property owners within 1,000 feet of the subject property are notified of Conditional Use applications. The East Goshen Township Planning Commission will hold a public meeting to review the above-referenced application on Tuesday, September 22, 2026, at 7:00 pm, and a Public Hearing will be held during the regular public meeting of the Board of Supervisors on Tuesday, October 20, 2026, at 7:00 pm.

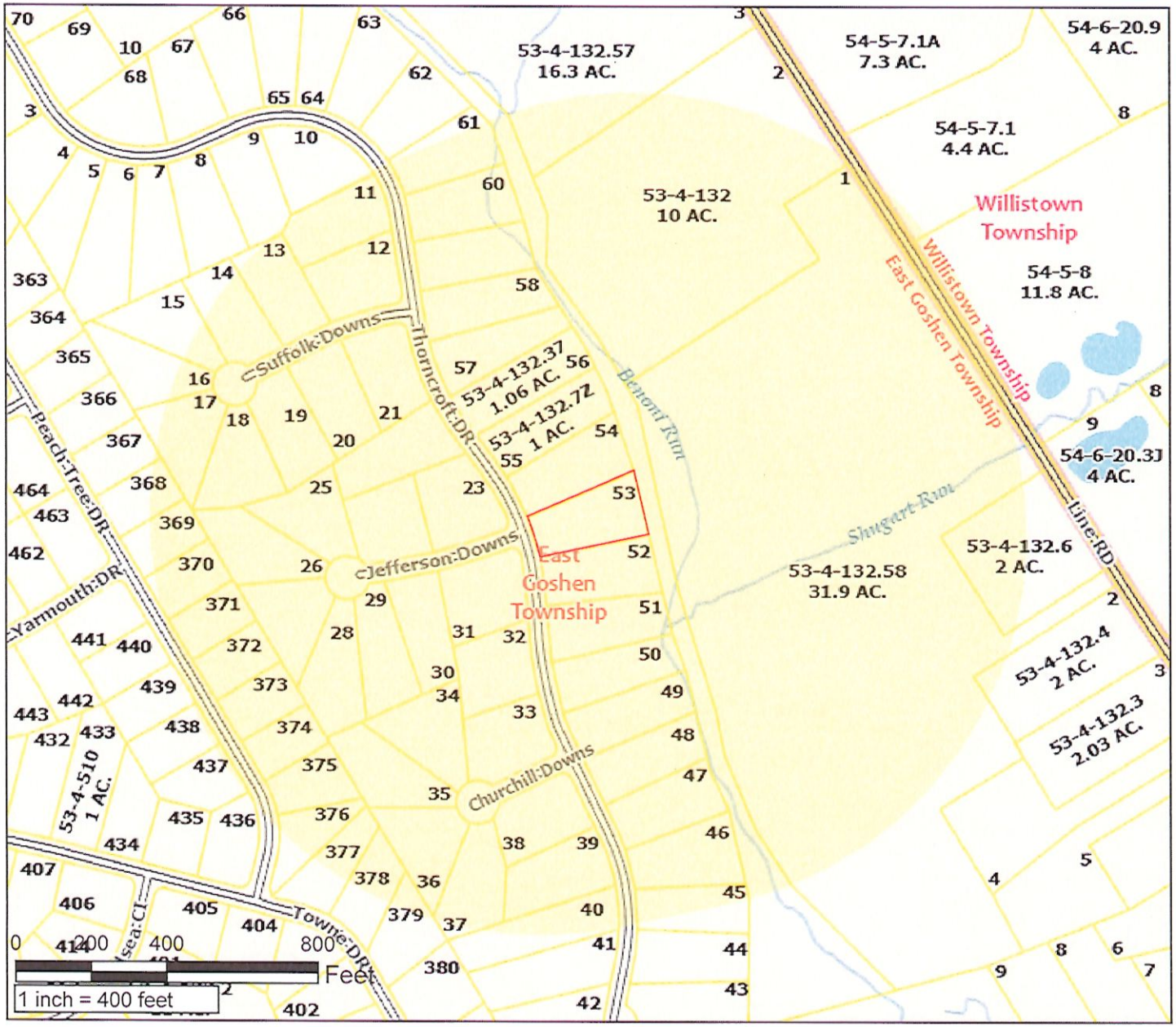
All meetings/hearings are held at the East Goshen Township Building located at 1580 Paoli Pike, West Chester, PA 19380 and are open to the public. Plans for the project are available for review during normal business hours, Monday through Friday, 8:00 am to 4:30 pm, excluding holidays.

Please feel free to contact this office if you have any questions.

Sincerely,

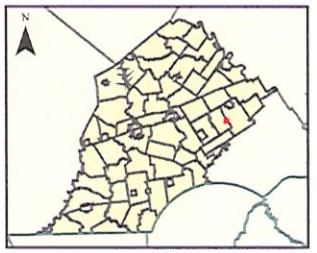
Kelly A. Krause, Director/Zoning Officer
Department of Code Enforcement

AQUA CONDITIONAL USE MAILING



COUNTY OF CHESTER

PENNSYLVANIA



Buffer Distance: 1000 feet

Map Created:
Tuesday, September 8, 2026

County of Chester

Limitations of Liability and Use:
County of Chester, Pennsylvania makes no claims to the completeness, accuracy, or content of any data contained herein, and makes no representation of any kind, including, but not limited to, the warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied or inferred with respect to the information or data furnished herein. For information on data sources visit the GIS Services page listed at www.chesco.org/gis.

UPI	Owner 1	Owner 2	Local Address	Zip Code	Mailing Address 1	Mailing Address 2
53-4-132	DIXON SALLIE F	DIXON SUSAN ETAL	194 LINE RD	19355	194 LINE RD	MALVERN PA
53-4-132.4	DISABATINO RONALD J &	JOANNE N	212 LINE RD	19355	212 LINE RD	MALVERN PA
53-4-132.6	CHAGARES ROBERT L DEBORAH B		210 LINE RD	19355	210 LINE RD	MALVERN PA
53-4-132.7U	BUCKLEY PATRICK JENNIFER L		636 THORNCROFT DR	19380	636 THORNCROFT DR	WEST CHESTER PA
53-4-132.7V	CAMPLI DAVID &	VALERIE	634 THORNCROFT DR	19380	634 THORNCROFT	WEST CHESTER PA
53-4-132.7W	VIDEON WAYNE C &	JULIA A	629 THORNCROFT DR	19380	629 THORNCROFT DR	WEST CHESTER PA
53-4-132.7X	DOYLE LAURENCE J	DOYLE JANET E C	627 THORNCROFT DR	19380	627 THORNCROFT DR	WEST CHESTER PA
53-4-132.7Y	DEHAVEN DAVID S &	HEATHER	625 THORNCROFT DR	19380	625 THORNCROFT DR	WEST CHESTER PA
53-4-132.7Z	WERNER CHRISTOPHER	WERNER CAROLYN	624 THORNCROFT DR	19380	624 THORNCROFT DR	WEST CHESTER PA
53-4-132.9	MEUNIER LAVONNE D		1789 SUFFOLK DOWNS	19380	1789 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.10	POMANTE RAYMOND A	POMANTE KAREN M	1787 SUFFOLK DOWNS	19380	1787 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.11	MCCARTHY JOHN R &	JEANNE M	1785 SUFFOLK DOWNS	19380	1785 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.12	LOBB BRYAN	LOBB JUSTINE	1783 SUFFOLK DOWNS	19380	1783 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.13	TOTO JOSEPH R &	MARIE L	1781 SUFFOLK DOWNS	19380	1781 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.14	RAFFERTY KEVIN M JR	RAFFERTY KAYLIE	1780 SUFFOLK DOWNS	19380	1780 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.15	LESLIE JAMES E &	CHRISTINE	1782 SUFFOLK DOWNS	19380	1782 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.16	VAN GRINSVEN JOHN R &	BONNIE H	1784 SUFFOLK DOWNS	19382	1784 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.17	DIESTELOW LEE W JR &	BARBARA A	1786 SUFFOLK DOWNS	19380	1786 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.18	BRADLEY THOMAS E &	DEBORAH K	1788 SUFFOLK DOWNS	19380	1788 SUFFOLK DOWNS	WEST CHESTER PA
53-4-132.19	PETRICK JEFFREY J &	SUSANNE M CARSON	628 THORNCROFT DR	19380	628 THORNCROFT DR	WEST CHESTER PA
53-4-132.20	ALBRIGHT EDWARD F &	DOLORES H	630 THORNCROFT DR	19380	630 THORNCROFT DR	WEST CHESTER PA
53-4-132.21	MORRIS FREDERIC BRUCE	MICHELLE KOENIG	1782 JEFFERSON DOWNS	19380	1782 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.22	CHURCH TAYLOR	SAPIENZA CHARLES	1784 JEFFERSON DOWNS	19380	1784 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.23	SMYTH MARK A	SMYTH MEGAN	1786 JEFFERSON DOWNS	19380	1786 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.24	BURD JOHN H	BURD KRISTEN E	1780 JEFFERSON DOWNS	19380	1780 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.25	SHEA BRIAN	SHEA STEPHANIE	1783 JEFFERSON DOWNS	19380	1783 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.26	RULE GEORGE E	RULE REGINA M	1788 JEFFERSON DOWNS	19380	1788 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.27	OAKES DONALD R &	PAMELA P	1789 JEFFERSON DOWNS	19380	1789 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.28	GALLAGHER ROBERT J &	ERIN E	1787 JEFFERSON DOWNS	19380	1787 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.29	MCKNIGHT ERIN M DENNIS M II		1785 JEFFERSON DOWNS	19380	1785 JEFFERSON DOWNS	WEST CHESTER PA
53-4-132.31	CARROLL BRIAN J &	SARAH B	619 THORNCROFT DR	19380	619 THORNCROFT DR	WEST CHESTER PA
53-4-132.32	RIEBEN JAMES C &	PATRICIA M	613 THORNCROFT DR	19380	613 THORNCROFT DR	WEST CHESTER PA
53-4-132.33	KLOBEDANZ CHRISTOPHER	KLOBEDANZ MEGAN	616 THORNCROFT DR	19380	616 THORNCROFT DR	WEST CHESTER PA
53-4-132.34	MORRISSEY MICHAEL JOSEPH	LAUREN NICOLE	618 THORNCROFT DR	19380	618 THORNCROFT DR	WEST CHESTER PA
53-4-132.35	POTTER BRITTON ALEXANDER	NICOLE BRITTANY	620 THORNCROFT DR	19380	620 THORNCROFT DR	WEST CHESTER PA
53-4-132.36	MCNICHOL JOHN F	MARY MCCREARY	622 THORNCROFT DR	19380	622 THORNCROFT DR	WEST CHESTER PA
53-4-132.37	CANAVATI VICTORIA &	ALFREDO E	626 THORNCROFT DR	19380	626 THORNCROFT DR	WEST CHESTER PA
53-4-132.38	SPOFFORD EDWARD S &	KAREN M	614 THORNCROFT DR	19380	614 THORNCROFT DR	WEST CHESTER PA
53-4-132.39	FRATINI NICHOLAS	FRATINI LAUREN	612 THORNCROFT DR	19380	612 THORNCROFT DR	WEST CHESTER PA
53-4-132.40	TODD CHRISTOPHER M &	TRACEY M	610 THORNCROFT DR	19380	610 THORNCROFT DR	WEST CHESTER PA
53-4-132.41	KAVANAUGH BRUCE A &	KATHLEEN	608 THORNCROFT DR	19380	608 THORNCROFT DR	WEST CHESTER PA
53-4-132.42	BALLARD VICTOR N &	ROSE M	606 THORNCROFT DR	19380	606 THORNCROFT DR	WEST CHESTER PA
53-4-132.43	MULLEN JAMES N &	AMY A	604 THORNCROFT DR	19380	604 THORNCROFT DR	WEST CHESTER PA
53-4-132.48	SEHON CLARK A &	KATHERINE H	605 THORNCROFT DR	19380	605 THORNCROFT DR	WEST CHESTER PA
53-4-132.49	GREENHOW D ERIC &	REBECCA C	607 THORNCROFT DR	19380	607 THORNCROFT DR	WEST CHESTER PA
53-4-132.50	GRABOWSKI LOUISA L &	PAUL D FUSSEY	1788 CHURCHILL DOWNS	19380	1788 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.51	GRUBB ANTHONY J	ZUBER EMILY E	1789 CHURCHILL DOWNS	19380	1789 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.52	SACHS MARTIN	SACHS JESSICA	1787 CHURCHILL DOWNS	19380	1787 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.53	SHEA WILLIAM J JR &	BARBARA ANN	1785 CHURCHILL DOWNS	19380	1785 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.54	KUHN DENNIS R		1784 CHURCHILL DOWNS	19380	1784 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.55	VERREKIA NICHOLAS JULIE ANN	VERREKIA	1786 CHURCHILL DOWNS	19380	1786 CHURCHILL DOWNS	WEST CHESTER PA
53-4-132.57	THERAPEUTIC HORSEBACK	RIDING INC	192 LINE RD	19355	190 LINE RD	MALVERN PA
53-4-132.58	THERAPEUTIC HORSEBACK	RIDING INC	204 LINE RD	19355	190 LINE RD	MALVERN PA
53-4-132.59	MOORE CHRISTOPHER S	MOORE LAUREN A	632 THORNCROFT DR	19380	632 THORNCROFT DR	WEST CHESTER PA
53-4-445	SANTORO JOSEPH J &	KAREN J	720 PEACH TREE DR	19380	720 PEACH TREE DR	WEST CHESTER PA
53-4-446	WOLVIN RYAN	BOYER JACQUELINE	718 PEACH TREE DR	19380	718 PEACH TREE DR	WEST CHESTER PA
53-4-447	FLYNN DANIEL C, LISA A	C/O SHANNON CHEMICAL	716 PEACH TREE DR	19355	PO BOX 376	MALVERN PA
53-4-448	NASSAR DAVID F	NASSAR SHANNON T	714 PEACH TREE DR	19380	714 PEACH TREE DR	WEST CHESTER PA
53-4-449	PARSONS MATTHEW D	PARSONS MEGAN D	712 PEACH TREE DR	19380	712 PEACH TREE DR	WEST CHESTER PA
53-4-450	HILL BRAD	HILL CARRIE	710 PEACH TREE DR	19380	710 PEACH TREE DR	WEST CHESTER PA
53-4-451	BOYLAN KEVIN		708 PEACH TREE DR	19380	708 PEACH TREE DR	WEST CHESTER PA
53-4-452	OSTOICH ROBERT W &	MARY C	706 PEACH TREE DR	19380	706 PEACH TREE DR	WEST CHESTER PA
53-4-453	SUHRE NEIL E &	LAUREN T	704 PEACH TREE DR	19380	704 PEACH TREE DR	WEST CHESTER PA
53-4-454	PALAIS BENJAMIN	MACFARLAND LAURA	702 PEACH TREE DR	19380	702 PEACH TREE DR	WEST CHESTER PA
53-4-455	DOUGHERTY MICHAEL R JR	DOUGHERTY RACHEL E	1726 TOWNE DR	19380	1726 TOWNE DR	WEST CHESTER PA
53-4-456	PRUCNAL ROBERT A	PRUCNAL KIMBERLY A	1728 TOWNE DR	19380	1728 TOWNE DR	WEST CHESTER PA
53-4-457	HENNIGAN LAUREN ANNE	PARENTE NICOLAS	1730 TOWNE DR	19380	1730 TOWNE DR	WEST CHESTER PA
53-4-513	WALTERS KEITH &	DINA	701 PEACH TREE DR	19380	701 PEACH TREE DR	WEST CHESTER PA
53-4-514	WELLOCK HEATHER MACFARLAND		703 PEACH TREE DR	19380	703 PEACH TREE DR	WEST CHESTER PA
53-4-515	MORABITO MICHAEL	MORABITO SARAH	705 PEACH TREE DR	19380	705 PEACH TREE DR	WEST CHESTER PA
53-4-516	KENNEY JAMES J	KENNEY PATRICIA A	707 PEACH TREE DR	19380	707 PEACH TREE DR	WEST CHESTER PA
54-5-7.1	KIRBY DAVID W REVOCABLE TRU	KIRBY DAVID W TRU	205 LINE RD	19355	213 LINE RD	MALVERN PA
54-5-8	KIRBY DAVID W REVOCABLE TRU	KIRBY DAVID W TRU	213 LINE RD	19355	213 LINE RD	MALVERN PA

...y them. Page A8

GETT RETURNS FOR 26TH YEAR

BUSINESS | PAGE A6



ANOTHER FAILED EFFORT BY BIRDS

SPORTS | PAGE B1

Daily Local New

$2.95 | TUESDAY, OCTOBER 6, 2026 | DAILYLOCAL.COM

PUBLIC NOTICE

NOTICE IS GIVEN that the Board of Supervisors of East Goshen Township will hold a public hearing at its regular public meeting on October 20, 2026, at 7:00 PM, at the Township Building located at 1580 Paoli Pike, West Chester, PA 19380 to consider the Application of Aqua Pennsylvania, Inc. (the "Applicant"), for Conditional Use approval to allow the improvement and expansion of an existing groundwater well Public Utility Facility pursuant to Section 240-9.C(9) of the East Goshen Township Zoning Ordinance. The facility is located within an easement

LEGAL NOTICES

area partially on two residential properties located at 620 and 622 Thorncroft Drive, West Chester, PA, 19380, also known as Tax Parcel Nos. 53-4-132.35 and 53-4-132.36. The properties are located in the R-2 Low Density Residential District. The Applicant is seeking approval to construct a treatment system for perfluoroalkyl substances (PFAS) that includes two (2) cylindrical vessels, 6 ft. in diameter and approximately 15 ft. in height on a concrete pad next to the existing well building and with additional landscaping.

Full copies of the conditional use application are available for public examination without charge or may be obtained for a charge not greater than the cost thereof at the Municipal Building. For further information, please contact Kelly Krause, Zoning Officer at 610-692-7171.

Mark P. Thompson, Township Solicitor
DLN 9/29, 10/6; 1a

APPLICATIONS

1. AECOM APPLICATION TRANSMITTAL LETTER, AUGUST 2026
2. CONDITIONAL USE APPLICATION, AUGUST 24, 2026

AECOM

AECOM
625 West Ridge Pike
Conshohocken, PA 19428
aecom.com

August 2026

Kelly A. Krause
Director of Code Enforcement,
Zoning Officer
East Goshen Township

RE: Hunt Country Well Treatment Facility – Land Development & Conditional Use Application

Dear Ms. Krause,

Aqua Pennsylvania, Inc. (Aqua) owns and operates the Hunt Country Well Treatment Facility located in East Goshen Township, on an easement within 620 and 622 Thorncroft Drive, West Chester, PA 19380. On behalf of Aqua, AECOM is submitting the Hunt Country Well Treatment Facility PFAS Improvements project to East Goshen Township for a land development permit and conditional use permit as well as the associated fees. The project will install PFAS treatment vessels on a concrete pad exterior to the existing building to follow the new Environmental Protection Agency maximum contaminant levels for PFAS. Aqua will also replace the well pump at the four existing well locations. This is considered a maintenance activity with no disturbance. Aqua is requesting conditional use within the R-2 district in accordance with Section 240-9C(9) of the Township code which allows use for a public utility facility. The facility complies with the standards set forth in Township Code Section 240-31C(3)(aa) which regulates public utility facilities.

The following attachments are included alongside this letter:

- Attachment A – Land Development Application
- Attachment B – Conditional Use Application
- Attachment C – County Act 247
- Attachment D – Stormwater Management Worksheet
- Attachment E – Sealed Civil Plans
- Attachment F – Easement Record
- Attachment G – Chester County Response Letter to Act 67 and 68

AECOM

The Act 247 County review fees have not been included because, on July 30, 2026, AECOM spoke with the Chester County Planning Commission and was advised that the applicable review fees will be invoiced upon completion of the Commission's review.

Due to the scope of the proposed improvements, we formally request a waiver for the landscaping plan, conservancy plan, traffic study, and water study. The proposed site plan specifies landscaping in the form of screening trees and includes relevant details. The proposed work is outside of the floodplain as designated by the FEMA Flood Map 42029C0215G, effective 9/29/2017. As documented in the 1986-1987 record drawings, the existing impervious areas on the site were installed prior to October 22, 2003, and therefore do not qualify as a regulated impervious surface. Based on Table 195-6.1 of the East Goshen Township Municipal Code, the project is exempt from the Stormwater Management Site Plan requirements since there are less than 999 square feet of regulated impervious surface. The table below outlines the existing and proposed impervious areas within the easement. According to Section 195-6B, this exemption requires an erosion control plan which can be found in Attachment E with a limit of disturbance of 4,504 SF (0.104 acres). No grading is proposed as part of this project.

Table 1 - Impervious Summary

Total Existing Impervious (pre-2003)	4,525 SF
Total Proposed Regulated Impervious	244 SF
Proposed Removal of Existing Impervious	100 SF
Net Additional Impervious	144 SF

AECOM believes the enclosed materials satisfy the applicable permitting requirements and respectfully submit them for your review and approval. We are available to discuss the project as required and revise the plans if the Township identifies additional information that would assist the review. If you have any questions regarding the project or this letter, please contact me at (484) 238-0558 or benjamin.deatrich@aecom.com.

Yours sincerely,



Ben Deatrich, PE
AECOM Project Manager

Enclosures:
- Attachment A – Land Development Permit Application
- Attachment B – Conditional Use Permit Application
- Attachment C – Act 247 Form
- Attachment D – Stormwater Management Worksheet
- Attachment E – Sealed Civil Plans
- Attachment F – Easement Record
- Attachment G – Chester County Act 67 and 68 Response Letter
- 11 Hard Copies of the Sealed Civil Plans
- Application Fees

Docusign Envelope ID: 765D0895-1B23-82FF-814A-B18A9CF9AA9E

Conditional Use Application and Checklist

East Goshen Township

To: Township Zoning Officer

Name of Applicant: Aqua Pennsylvania, Inc.

Applicant Address: 762 West Lancaster Ave, Bryn Mawr, PA 19010-3489

Telephone Number: 610-520-6448 Fax: _____

Email Address: JABallas@aquawater.com

Property Address: Easement within 620 and 622 Thorncroft Dr, West Chester, PA 19380

Tax Parcel Number: 53-4-132.35 (620) 53-4-132.36 (622) Zoning District: R-2 Acreage: 0.9229 (620) 0.9749 (622) 0.2365 (easement)

Description of proposed use:
Aqua PA is proposing PFAS treatment at the existing Hunt Country Well Facility to meet the new EPA guidelines. The existing Hunt Country Well Facility is located on an easement owned by Aqua within 620 and 622 Thorncroft Drive, West Chester, PA 19380. The proposed improvements include two (2) PFAS treatment vessels on a concrete pad outside the existing well facility building.

Conditional Use is provided in Zoning Ordinance Section: 240-9-C-9 Public Utility Facility

We hereby acknowledge that we have read this application and state that the above is correct and agree to comply with all provisions of the East Goshen Township Zoning Ordinance applicable to this project and property.

Signed by: Elizabeth Lanfranco 8/24/2026

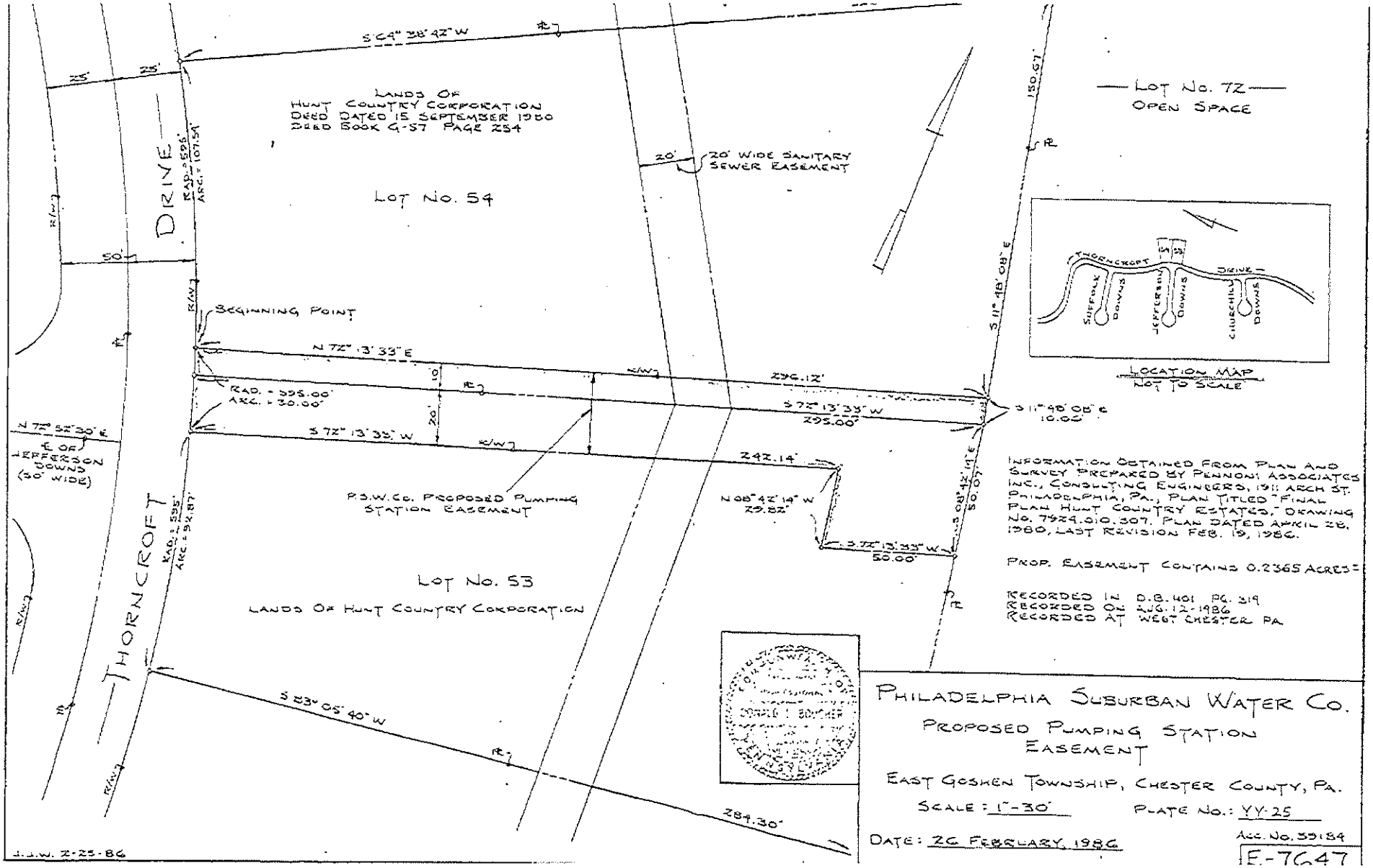
Signature of Applicant Date

Attest: Signed by: Frances P. Orth

*** Review the formal Planning Commission review procedure on page three.**

PLANS

1. PLAN OF EASEMENT, FEBRUARY 26, 1986
2. AQUA PA PFAS TREATMENT WELL PLAN PACKAGE A.4- MAIN SYSTEM, AUGUST 2026



INFORMATION OBTAINED FROM PLAN AND SURVEY PREPARED BY PENNONI ASSOCIATES INC., CONSULTING ENGINEERS, 1911 ARCH ST. PHILADELPHIA, PA., PLAN TITLED "FINAL PLAN HUNT COUNTRY ESTATES," DRAWING No. 7929.010.307. PLAN DATED APRIL 28, 1980, LAST REVISION FEB. 19, 1986.

PROP. EASEMENT CONTAINS 0.2365 ACRES±

RECORDED IN D.B. 401 PG. 319
RECORDED ON AUG. 12-1986
RECORDED AT WEST CHESTER PA

PHILADELPHIA SUBURBAN WATER CO.

PROPOSED PUMPING STATION EASEMENT

EAST GOSHEN TOWNSHIP, CHESTER COUNTY, PA.

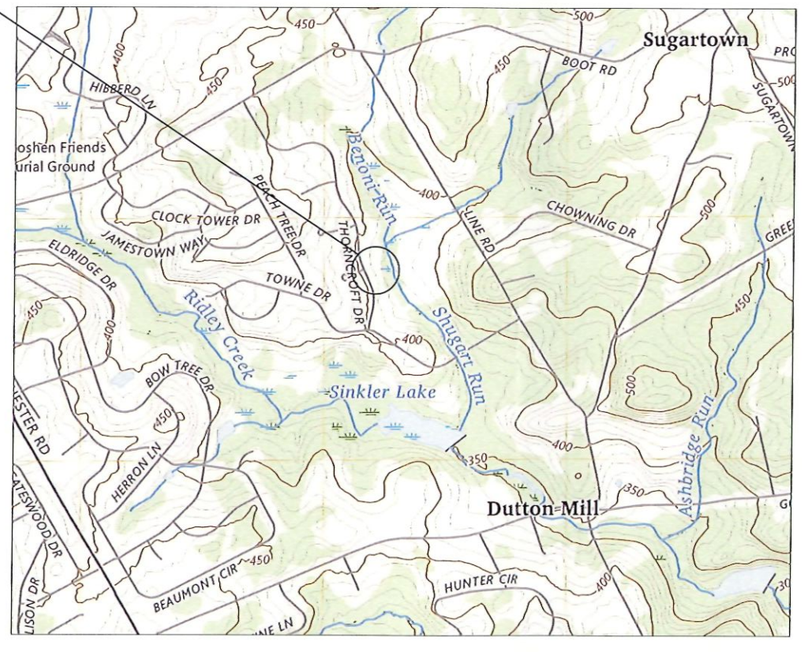
SCALE: 1"-30' PLATE No.: YY-25

DATE: 26 FEBRUARY, 1986 Acc. No. 33184

E-7647

EAST GOSHEN TOWNSHIP LAND DEVELOPMENT PLANS
FOR
AQUA PA PFAS TREATMENT WELL PACKAGE A.4 - MAIN SYSTEM

SITE LOCATION:
THORNCROFT DR
WEST CHESTER, PA
LAT: 39.9920
LONG: -75.5245



HUNT COUNTRY LOCATION MAP
SCALE: 1" = 1000'

AUGUST 2026

SHEET INDEX

SHEET NO.	TITLE
20 G-001	HUNT COUNTRY - COVER SHEET
00 C-001	CIVIL LEGEND, ABBREVIATIONS, AND GENERAL NOTES
20 C-101	HUNT COUNTRY - SITE PLAN
99 C-501	DETAILS I
99 C-502	DETAILS II
99 C-503	E&S DETAILS I
99 C-504	E&S DETAILS II
99 C-505	E&S DETAILS III
99 C-506	PLANTING DETAILS

AECOM

PROJECT
PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT
AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
Bryn Mawr, PA 19010
877.987.2782 tel
www.aquawater.com

CONSULTANT
AECOM
625 West Ridge Pk, Ste E-100
Conshohocken, PA 19428
610.234.5402 tel
www.aecom.com

CONSULTANTS

REGISTRATION
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BENJAMIN DEATRICH
ENGINEER
PE088354
6-17-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER
60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	1" = 1000'

DISCIPLINE
GENERAL
SHEET TITLE
HUNT COUNTRY - COVER SHEET

SHEET NUMBER
20 G-001

GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, SPECIFICATIONS, AND ALL APPLICABLE PERMITS.
2. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND ANY REQUIREMENTS INDICATED IN ONE OF THE DOCUMENTS IS AS BINDING AS HAVING BEEN INDICATED IN ALL.
3. THE ADDRESS OF AQUA PA IS 762 WEST LANCASTER AVE., BRYN MAWR PA, 19010. THE MAIN PHONE NUMBER IS 877-987-2782.
4. ENSURE ALL PERSONNEL INVOLVED IN THE PERFORMANCE OF THE WORK WHO VISIT THE SITE ARE AWARE OF SITE EVACUATION PROCEDURES (CHECK WITH PLANT PERSONNEL).
5. THE FACILITY IS A CONTINUOUSLY OPERATING DRINKING WATER TREATMENT FACILITY. TAKE ALL PRECAUTIONS TO NOT INTERRUPT PLANT OPERATIONS, INCLUDING CIRCULATION THROUGH THE SITE, ACCESS TO EXISTING BUILDINGS, AND ACCESS TO EXISTING BURIED VALVE OPERATORS.
6. UNLESS OTHERWISE SPECIFICALLY PERMITTED, PERFORM ALL WORK BETWEEN THE HOURS OF 7:00 A.M. AND 6:00 P.M. PREVAILING TIME. DO NOT START EQUIPMENT PRIOR TO 7:30 A.M. PREVAILING TIME. NOTIFY THE OWNER AND ENGINEER AT LEAST 72 HOURS IN ADVANCE OF WORK TO BE PERFORMED OUTSIDE OF THESE WORK HOURS, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE WORK. COMPLY WITH ALL STATE AND LOCAL LAWS GOVERNING HOURS DURING WHICH CONSTRUCTION EQUIPMENT MAY BE OPERATED.
7. NOTIFY THE OWNER AND THE ENGINEER AT LEAST 72 HOURS PRIOR TO MAKING CONNECTIONS TO EXISTING FACILITIES OR PERFORMING AN ACTIVITY THAT MAY IMPACT OPERATIONS, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE ACTIVITY. ALL ACTIVITIES THAT MAY IMPACT OPERATIONS WILL BE DONE AT THE CONVENIENCE OF THE OWNER.
8. HORIZONTAL LOCATIONS SHOWN ARE REFERENCED TO THE PA STATE PLANE COORDINATE SYSTEM-SOUTH ZONE, NAD83. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
9. TOPOGRAPHIC INFORMATION IS BASED ON FIELD SURVEYS PERFORMED IN APRIL 2025 BY HOWELL SURVEYING.
10. VERIFY ALL EXISTING CONDITIONS AT THE SITE BEFORE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. VERIFY ELEVATIONS AND DIMENSIONS WHERE NEW WORK WILL MATCH EXISTING. IMMEDIATELY BRING DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO COMMENCEMENT OF THE WORK.
11. THE LOCATION OF ANY UNDERGROUND UTILITY INFORMATION SHOWN ON THIS PLAN IS BASED ON MULTIPLE SOURCES INCLUDING HISTORIC SITE PLANS PROVIDED BY THE AQUA PA AND A FIELD SUBSURFACE UTILITY INVESTIGATION (LIMITED TO THE PORTION OF THE SITE WHERE IMPROVEMENTS WILL OCCUR) COMPLETED BY HOWELL SURVEYING. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS, THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
12. PRIOR TO ANY EXCAVATION ACTIVITIES, NOT LESS THAN 3 BUSINESS DAYS NOT MORE THAN 10 BUSINESS DAYS, CONTACT THE PA ONE CALL SYSTEM, INC., PHONE 1-800-242-1776, IN ACCORDANCE WITH PA ACT 287 OF 1974, AS AMENDED BY ACT 127 OF 2024. ADDITIONAL INFORMATION IS AVAILABLE AT https://www.paocall.org/. COMPLY WITH ALL CURRENT MARKOUT REQUIREMENTS.
13. AVOID DAMAGE TO EXISTING PAVEMENT, CURBS, VEGETATION, OR STRUCTURES THAT ARE NOT INDICATED TO BE DEMOLISHED OR REMOVED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. REPAIR AND RESTORE TO PRE-CONSTRUCTION CONDITION ANY DAMAGE TO EXISTING PAVEMENT, CURBS, VEGETATION, AND STRUCTURES DAMAGED BY CONTRACTOR'S OPERATIONS AT NO COST TO AQUA PA.
14. IN THE EVENT OF DAMAGE TO EXISTING UTILITIES, STOP WORK IMMEDIATELY, TAKE NECESSARY PRECAUTIONS TO PREVENT INJURY OR FURTHER DAMAGE, AND NOTIFY PROPER AUTHORITIES. REPAIR AND RESTORE ALL EXISTING PIPES, CONDUITS, WIRES, STRUCTURES, OR OTHER UTILITIES DAMAGED BY CONTRACTOR'S OPERATIONS AT NO COST TO AQUA PA OR THE UTILITY OWNER.
15. NOTIFY THE ENGINEER AND UTILITY OWNER AT LEAST 72 HOURS PRIOR TO PERFORMING AN ACTIVITY THAT MAY INTERRUPT WATER OR OTHER UTILITIES, AND OBTAIN WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO PERFORMING THE ACTIVITY.
16. BE SOLELY RESPONSIBLE FOR SITE SAFETY ASSOCIATED WITH THE WORK AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY LAWS, CODES, REGULATIONS, AND ORDINANCES, INCLUDING, BUT NOT LIMITED TO, THOSE CURRENTLY MANDATED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
17. BRACE AND PROTECT ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF-ALIGNMENT, IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS, AND GOOD PRACTICE.
18. PROTECT ALL EXISTING UNDERGROUND FACILITIES OR UTILITY POLES IN CLOSE PROXIMITY TO EXCAVATION OR TRENCHING TO PREVENT DAMAGE OR INTERRUPTION OF SERVICE AT NO ADDITIONAL COST TO THE OWNER.
19. PROTECT ALL EXISTING THRUST BLOCKS WHICH ARE RESTRAINING EXISTING UTILITIES BY REFRAINING FROM UNDERMINING OR OTHERWISE DISTURBING THEM. NO MOVEMENT WILL BE TOLERATED.
20. COMPLY WITH COUNTY CONSERVATION DISTRICT RULES AND REGULATIONS GOVERNING EROSION CONTROL FOR ALL EARTHWORK ACTIVITIES.
21. IMPLEMENT ALL EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES PRIOR TO COMMENCING ANY CLEARING, EXCAVATION OR STORAGE OF BACKFILL MATERIAL ON-SITE. DO NOT REMOVE ANY E&S MEASURES UNTIL PERMANENT GROUND COVER STABILIZATION HAS BEEN ESTABLISHED. REFER TO SPECIFICATION SECTION 01568 AND DETAILS. DO NOT PERFORM ANY EARTH DISTURBING ACTIVITIES OUTSIDE OF THE LIMIT OF DISTURBANCE (LOD).
22. PROVIDE AND INSTALL A COMPLETE SYSTEM FOR DEWATERING THE WORK AREA AS REQUIRED TO PROPERLY CONSTRUCT ALL STRUCTURES IN THE DRY. FURNISH, INSTALL, AND MAINTAIN SAFE, ADEQUATE TEMPORARY RELIEF MEASURES AGAINST HYDROSTATIC UPLIFT DUE TO A HIGH WATER LEVEL, IF ENCOUNTERED, FOR THE DURATION OF THE WORK UNTIL THE NECESSARY CONSTRUCTION IS COMPLETED. INCLUDE ALL REQUIRED DEWATERING IN THE LUMP SUM BID ITEM.
23. PROTECT AT ALL TIMES ALL OPEN EXCAVATIONS, HOLES, TRENCHES, AND OTHER HAZARDOUS AREAS BY CONTINUOUS BARRICADES OF SUFFICIENT TYPE, SIZE, AND STRENGTH TO PREVENT UNAUTHORIZED ACCESS AT THE COMPLETION OF EACH DAY'S WORK. REFER TO SPECIFICATION SECTION 01046 FOR ADDITIONAL REQUIREMENTS.
24. RESTORE ALL AREAS OF EXCAVATION, BACKFILL, FILL AND GRADING TO PRE-CONSTRUCTION GRADE UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER. SMOOTHLY BLEND ALL REGRADED SURFACES TO EXISTING AT TE LIMITS OF GRADING. RESET ALL DISTURBED UTILITY BOXES, FRAMES, GRATES, ETC., TO THE APPROPRIATE GRADE AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
25. REMOVE AND LEGALLY DISPOSE OF ALL DEMOLITION WASTES AND EXCESS EXCAVATED MATERIAL TO AN OFF-SITE LOCATION AT NO ADDITIONAL COST TO THE OWNER.
26. PERFORM DAILY CLEANUP OPERATIONS IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER/ENGINEER.
27. THE ENGINEER MAY DIRECT THE CONTRACTOR TO VARY THE PROPOSED WORK DURING CONSTRUCTION TO MEET EXISTING CONDITIONS.
28. RELOCATE ANY EXISTING UTILITIES INTERFERING WITH THE WORK AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
29. PIPE SHALL BE AS INDICATED IN THE PIPING SCHEDULE AND SPECIFICATIONS. PROVIDE RESTRAINED MECHANICAL JOINT FITTINGS FOR ALL PRESSURE PIPE BENDS.
30. PIPING WHICH IS EXPOSED DURING EXCAVATION, INCLUDING TEE'S, VALVES, AND FITTINGS, AND IS NOT TO BE DEMOLISHED, SHALL BE SUPPORTED, BRACED OR OTHERWISE PROTECTED DURING CONSTRUCTION ACTIVITIES.
31. PLACE ALL PIPING WITH A MINIMUM OF 4 FEET OF COVER FROM THE TOP OF THE PIPE TO THE FINAL GROUND SURFACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER..
32. PLACE ALL PIPES SO THAT THEY SLOPE UNIFORMLY BETWEEN ELEVATIONS SHOWN UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER. NO SAGS OR CRESTS IN PIPING WILL BE PERMITTED.
33. WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, FURNISH AND INSTALL ALL ADAPTERS, FITTINGS, AND ADDITIONAL PIPE WHICH MAY NOT BE SHOWN IN DETAILS (REQUIRED AS A RESULT OF CUTTING THE EXISTING PIPE BACK) IN ORDER TO COMPLETE THE CONNECTION AS REQUIRED. FIELD VERIFY THE SIZE AND LOCATION OF THE EXISTING PIPE AND ENSURE THE APPROPRIATE SIZE ADAPTERS ARE AVAILABLE AT THE JOB SITE BEFORE INITIATING THE ACTIVITY.
34. SEAL ALL WALL AND SLAB PENETRATIONS WATERTIGHT. PROVIDE WATER STOPS AT ALL WALL CASTINGS.
35. PROVIDE JOINTS AT THE WALL OF STRUCTURES ON ALL PIPELINES, EXCEPT WHERE SLEEVES ARE INDICATED. THIS SHALL BE ACCOMPLISHED BY CASTING A BELL WALL FITTING, BELL END STUB, OR WALL CASTING INTO THE STRUCTURE.
36. ALL LAYOUT DIMENSIONS REFER TO OUTSIDE EDGE OF WALL AT GRADE LINE, UNLESS OTHERWISE INDICATED.
37. LOCATION COORDINATES TO PROPOSED STRUCTURES ARE TO EXTERIOR WALLS AND CENTER OF TANKS.
38. ALL EXISTING PIPES TO BE ABANDONED SHALL BE CAPPED OR PLUGGED AT OPEN ENDS. SEE CIVIL DETAIL.
39. HEAT TRACE AND INSULATE ALL EXTERIOR ABOVE GRADE PIPING WHICH IS NOT ENCLOSED WITHIN A HEATED ENCLOSURE.
40. COORDINATE STAGING AREAS WITH OWNER.
41. PACKED BED MEDIA VESSEL SYSTEMS ARE FURNISHED UNDER A SEPARATE CONTRACT. THE PACKED BED MEDIA SYSTEM INFORMATION ON THE DRAWINGS IS APPROXIMATE. REFER TO THE APPROVED PACKED BED MEDIA VESSEL SYSTEM MANUFACTURER'S SUBMITTAL DRAWINGS FOR THE FINAL LAYOUT, INCLUDING PIPE CONNECTION ELEVATIONS AND VESSEL SPACING. INSTALL THE PACKED BED MEDIA VESSEL SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. SUPPLY ALL VALVES AND APPURTENANCES SHOWN ON THE DRAWINGS UNLESS NOTED AS VENDOR-SUPPLIED IN THE P&IDs. COORDINATE WITH THE PACKED BED MEDIA VESSEL EQUIPMENT MANUFACTURER FOR COMPLETE INSTALLATION.
42. COMPLY WITH THE PROVISIONS OF THE ACT OF MARCH 3, 1978 (P.L. 6, NO. 3), KNOWN AS THE "STEEL PRODUCTS PROCUREMENT ACT" AND ANY AMENDMENTS THERETO. EXCEPT AS PROVIDED IN THIS ACT, SUPPLY ONLY IRON AND STEEL PRODUCTS PRODUCED IN THE UNITED STATES FOR USE IN THE PERFORMANCE OF THE CONTRACT OR ANY SUBCONTRACT. PROVIDE CERTIFICATES OF COMPLIANCE WITH REGARD TO THIS ACT TO THE ENGINEER.

ABBREVIATIONS

ABACT	ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES
APN	ASSESSOR'S PARCEL NUMBER
APPROX.	APPROXIMATE
BLDG.	BUILDING
BMP/BMPS	BEST MANAGEMENT PRACTICES
CFS	COMPOST FILTER SOCK
CONC.	CONCRETE
CI	CAST IRON
CIP	CAST IRON PIPE OR CAST IN PLACE
COMM	COMMUNICATION
C.O. OR CO	CLEANOUT
CL	CENTERLINE
CWF	COLD WATER FISHES
D	DEED DESCRIBED
DI	DUCTILE IRON
DIA.	DIAMETER
DIP	DUCTILE IRON PIPE
DWG/DWGS	DRAWING/DRAWINGS
E OR ELEC.	ELECTRICAL
ELBX	ELECTRIC BOX
EL. OR ELEV.	ELEVATION
EM	ELECTRIC MANHOLE
EP	EDGE OF PAVEMENT
ES	ELECTRICAL SERVICE
E&S	EROSION AND SEDIMENTATION
EQUIP.	EQUIPMENT
EX. OR EXIST.	EXISTING
FE	FINAL EFFLUENT
FIL	FILTERED WATER
FIN	FINISHED WATER
FT	FEET OR FOOT
GAC	GRANULAR ACTIVATED CARBON
HDPE	HIGH DENSITY POLYETHYLENE
HQ	HIGH QUALITY
IN	INCH
INV.	INVERT ELEVATION
IX	ION EXCHANGE
LOD	LIMIT OF DISTURBANCE
MECH.	MECHANICAL
MGMT	MANAGEMENT
MH	MANHOLE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MW	MONITORING WELL
N/L	NOW OR FORMERLY
NRCS	NATIONAL RESOURCES CONSERVATION SERVICE
O/RP	OPERATOR/RESPONSIBLE PERSON
OV	OVERFLOW
PARID	PARCEL IDENTIFICATION NUMBER
PERF	PERFORATED
PFAS	PER- AND POLYFLUOROALKYL SUBSTANCES
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RET.	RETAIN OR RETAINING
ROW OR R/W	RIGHT OF WAY
S	SLOPE
SAN	SANITARY
SD	STORM DRAIN
SHT	SHEET
SPECS.	SPECIFICATIONS
TEBX	TELEPHONE BOX
TOC	TOP OF CONCRETE
TRANS	TRANSFORMER
TSF	TROUT STOCKING
TYP.	TYPICAL
U	PERF. UNDERDRAIN
UD	UNDERDRAIN
UE	UNDERGROUND ELECTRIC
UG	UNDERGROUND
UPI	UNIFORM PARCEL IDENTIFIER
USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
VERT.	VERTICAL
W	WATER
WV	WATER VALVE
WWF/MF	WARM WATER FISHES/MIGRATORY FISHES
XMFR	TRANSFORMER

LEGEND

EXISTING

- EXISTING BUILDING OR STRUCTURE
- UTILITY POLE & GUY WIRE
- UTILITY POLE W/ LIGHT
- SIGN
- YARD HYDRANT
- UNIDENTIFIED PIPE
- WOODEN POST
- FIRE HYDRANT
- BURIED VALVES
- WATER METER
- WATER GATE VALVE
- VENT PIPE
- WATER SHUTOFF VALVE
- CLEANOUT
- TRAFFIC DIRECTION ARROW
- ELECTRIC BOX
- TELEPHONE BOX
- CATCH BASIN (ROUND) OR BOLLARD
- CATCH BASIN
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- CHEMICAL MANHOLE
- WATER MANHOLE
- SEWER MANHOLE
- SEWER MANHOLE
- UNIDENTIFIED MANHOLE
- JURISDICTIONAL WETLAND SYMBOL
- FLAG POLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- CONCRETE
- BOULDER
- ROW OF BOULDERS
- LANDSCAPED AREA
- GRAVEL
- LEDGE OUTCROP
- FLUSHING HYDRANT
- DRAINAGE FLOW DIRECTION ARROW
- CHAINLINK FENCE
- OVERHEAD WIRES
- DRAIN LINE
- WATER LINE
- SEWER LINE
- UNDERGROUND ELECTRIC LINE
- WOOD STOCKADE FENCE
- CONTOUR LINE
- EDGE OF JURISDICTIONAL WETLAND AND FLAG NUMBER
- FLOODPLAIN BOUNDARY
- B13-1 BORING
- MW-1 MONITORING WELL
- TREE LINE

PROPOSED

- LIMIT OF DISTURBANCE
- DEMOLITION (REMOVE AND LEGALLY DISPOSE OF)
- ROCK CONSTRUCTION ENTRANCE
- PIPE PLUG OR CAP
- STRUCTURE
- CONTOUR — 42
- SPOT ELEVATION × 42.50
- STORM RUNOFF FLOW DIRECTION
- MJ TEE
- MJ REDUCER
- MJ BEND
- GATE VALVE
- FLOW METER
- PIPE
- DIRECTION OF FLOW
- MANHOLE
- CLEANOUT CO
- GUARD POST OR BOLLARD
- CHAIN LINK FENCE
- TEMPORARY FENCE
- CONCRETE
- CURB
- EXISTING PAVEMENT AREA TO BE REPAVED (RECLAIMED BASE)
- NEW PAVEMENT AREA (RECLAIMED BASE)
- POINT OF CONNECTION, NEW WORK TO EXIST.
- DISCIPLINE INTERFACE
- HEAT TRACE
- THUJA GREEN GIANT ARBORVITAE
- RUMBLE PAD

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER BENJAMIN DEATRICH PE086304 6-12-2026

ISSUE/REVISION

VR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	-

DISCIPLINE

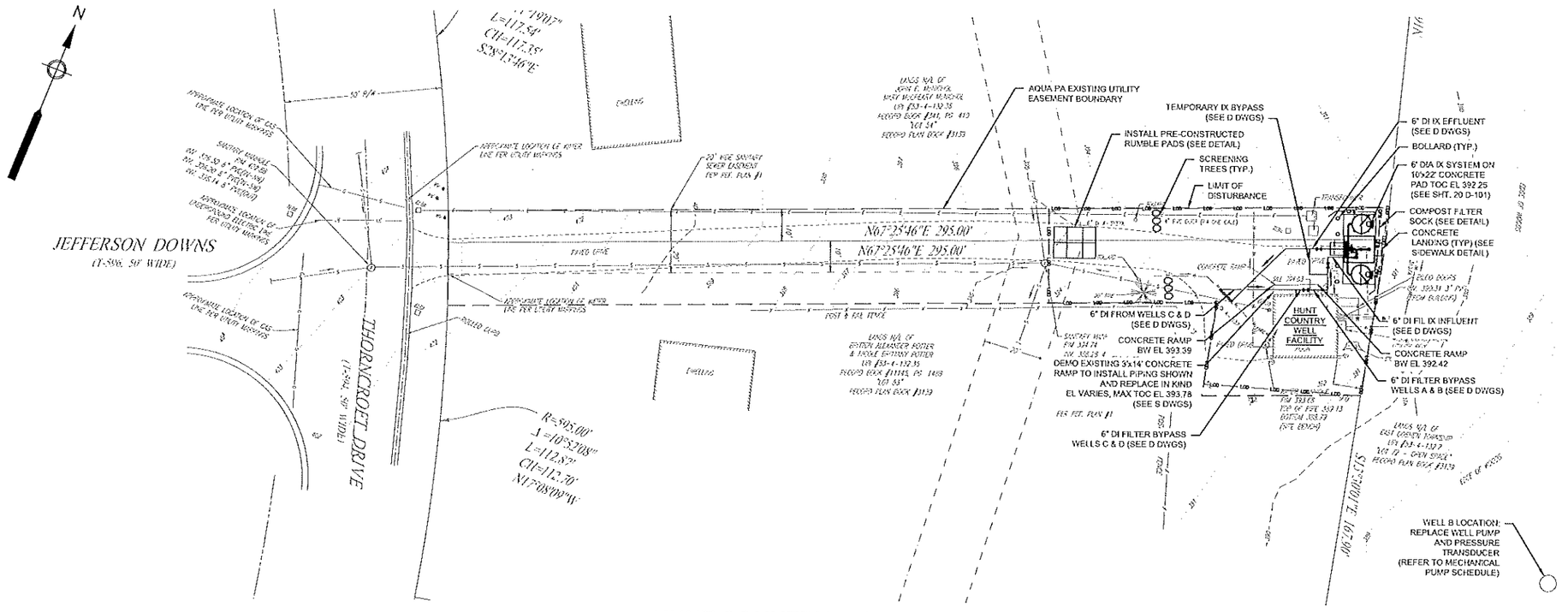
CIVIL

SHEET TITLE

CIVIL LEGEND, ABBREVIATIONS, AND GENERAL NOTES

SHEET NUMBER

00 C-001



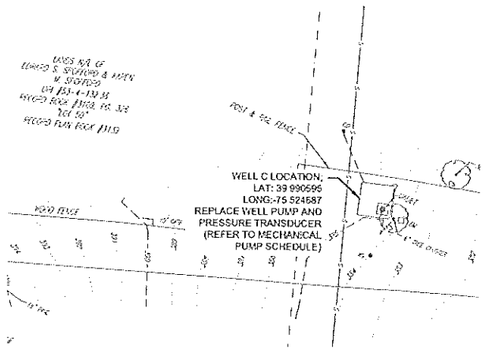
HUNT COUNTRY - SITE PLAN

SCALE: 1" = 20'



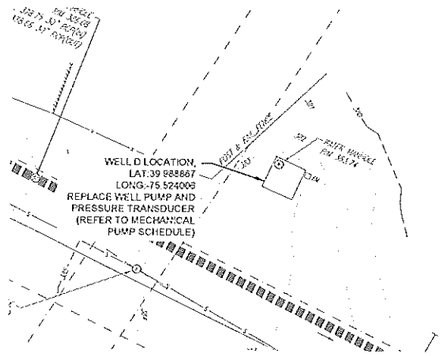
WELL A LOCATION

NOT TO SCALE



WELL C LOCATION

SCALE: 1" = 20'



WELL D LOCATION

SCALE: 1" = 20'

TABLE 1:
SITE INFORMATION

	LOT 53	LOT 54	AQUA PA UTILITY EASEMENT
ADDRESS	620 THORNCROFT DR, WEST CHESTER, PA 19380	622 THORNCROFT DR, WEST CHESTER, PA 19380	BETWEEN 620 AND 622 THORNCROFT DR, WEST CHESTER, PA 19380
PARCEL ID	53-4-132.35	53-4-132.36	N/A
ACREAGE	0.9229 ACRES (40,202 SQFT)	0.9749 ACRES (42,468 SQFT)	0.2365 ACRES (10,302 SQFT)

TABLE 2:
ZONING INFORMATION

ZONING DISTRICT	R-2
MAX. BUILDING HEIGHT	30'
TOTAL EXISTING IMPERVIOUS WITHIN EASEMENT	4,525 SQFT
TOTAL PROPOSED IMPERVIOUS	244 SQFT
REMOVAL OF EXISTING IMPERVIOUS	100 SQFT
PROPOSED NET IMPERVIOUS	144 SQFT

NOTES:

1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES, SEE SHEET 00 C-001.
2. FOR DETAILS, SEE 99 SERIES OF CIVIL SHEETS.
3. WELL B IS LOCATED AT THE SITE OF THE WELL HOUSE BUILDING. WELLS A, C, AND D ARE LOCATED AT SATELLITE LOCATIONS. SEE INSET MAPS.
4. LIMIT OF DISTURBANCE: 4,504 SQFT.
5. ALL EXISTING IMPERVIOUS WITHIN THE EASEMENT WAS INSTALLED PRIOR TO OCTOBER 22, 2003 (RECORD DRAWINGS 1988-87).

20 0 20 40
SCALE: 1" = 20'

PATH/FILENAME: C:\USERS\JJUANG\DOCUMENTS\ACCDOCS\AECONCHAMBERS\60754405 AQUA PFAS WELL PACKAGE A.4\PROJECT FILES\900 DESIGN\SHEETS\C-EAST GOSHEN LOD20 C-101.DWG
LAST UPDATE: Wednesday, August 19, 2026 3:24:44 PM
PLOT DATE: Wednesday, August 19, 2026 3:22:21 PM

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BENJAMIN DEATRICH
ENGINEER
PE084354
6-17-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	DK
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	1" = 20'

DISCIPLINE

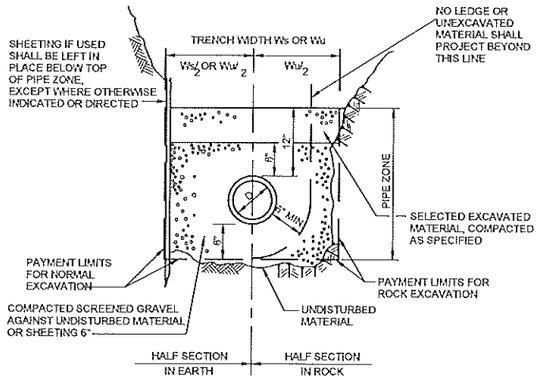
CIVIL

SHEET TITLE

HUNT COUNTRY - SITE PLAN

SHEET NUMBER

20 C-101



TRENCH SECTION FOR PIPE 18 INCH DIAMETER OR SMALLER

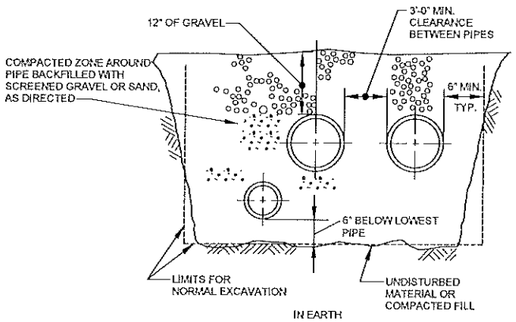
NOT TO SCALE

TRENCH WIDTH Ws OR Wu			
NOMINAL PIPE DIAMETER D	DEPTH OF PIPE INVERT BELOW GROUND SURFACE		
	0 TO 12'	12' TO 20'	>20'
24" AND SMALLER	5'-0"	7'-0"	9'-0"
OVER 24"	D + 3'-0"	D + 5'-0"	D + 7'-0"
TWO 24"	2D + 6'-0"	2D + 8'-0"	2D + 10'-0"

1. PIPE TRENCHES MAY BE EXCAVATED WIDER THAN TRENCH WIDTH Ws (SHEETED) OR Wu (UNSHEETED) ABOVE THE TOP OF PIPE ZONE.
2. TRENCHES SHALL NOT BE EXCAVATED BEYOND THE TRENCH WIDTH Wu BELOW THE TOP OF PIPE ZONE.
3. SHEETING MUST BE USED IF EXCAVATION AND BACKFILL, BELOW NORMAL DEPTH, IS REQUIRED. SHEETING SHALL BE LEFT IN PLACE BELOW A LINE 1'-0" ABOVE THE TOP OF PIPE.

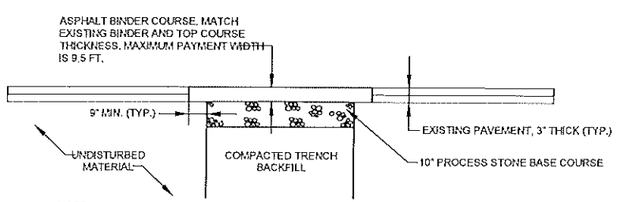
GENERAL NOTES FOR PIPE TRENCHES

NOT TO SCALE



MULTIPLE PIPE TRENCH SECTION

NOT TO SCALE

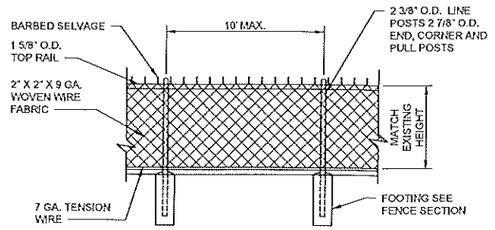


NOTE:

1. REMOVE AND DISPOSE OF EXCESS MATERIAL TO LOCATION AS DIRECTED BY THE ENGINEER.

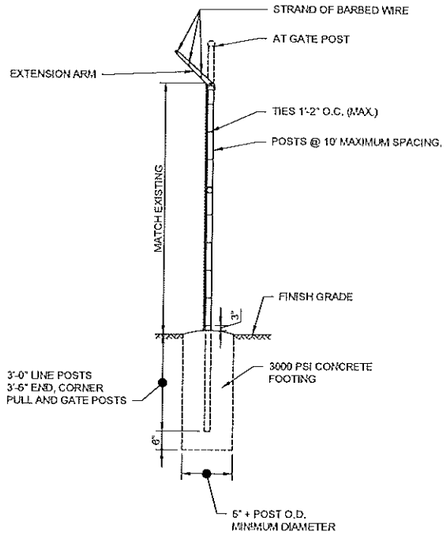
PAVEMENT TRENCH REPAIR

NOT TO SCALE



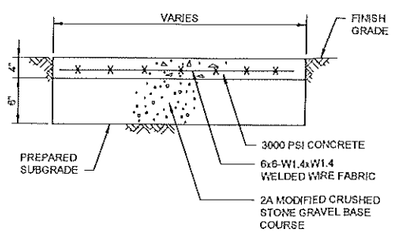
CHAIN LINK FENCE DETAIL

NOT TO SCALE



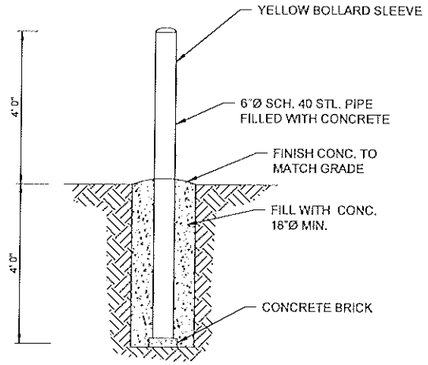
CHAIN LINK FENCED SECTION WITH BARBED WIRE

NOT TO SCALE



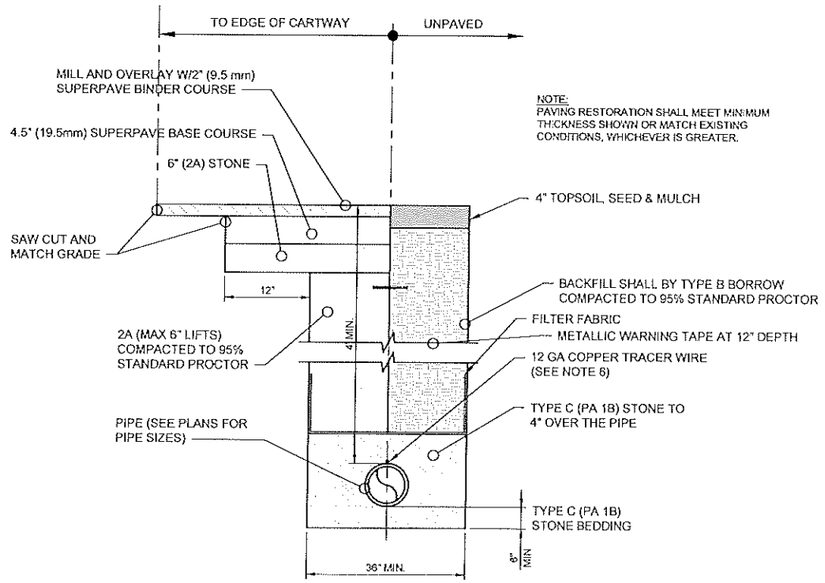
CONCRETE SIDEWALK DETAIL

NOT TO SCALE



BOLLARD DETAIL

NOT TO SCALE



NOTE:
PAVING RESTORATION SHALL MEET MINIMUM THICKNESS SHOWN OR MATCH EXISTING CONDITIONS, WHICHEVER IS GREATER.

TYPICAL TRENCH DETAIL

NOT TO SCALE

NOTES:

1. A METALLIC LINED UNDERGROUND WARNING TAPE SHALL BE PLACED AT 12" DEEP, THE ENTIRE LENGTH OF ALL BURIED WATER PIPE. THE TAPE SHALL BE 6", METALLIC CORE, COLOR BLUE, MARKED "BURIED WATER LINE BELOW". TAPE SHALL BE EQUAL TO "SETON NAMEPLATE CORPORATION".
2. ALL CONSTRUCTION IN ROADWAYS SHALL MEET PENNDOT REQUIREMENTS AT A MINIMUM.
3. CONTRACTOR SHALL REPLACE ALL DAMAGED PAVEMENT OUTSIDE OF SAW CUT WIDTH SHOWN AT NO COST TO OWNER.
4. SPECIFICATIONS PROVIDE ADDITIONAL REQUIREMENTS.
5. 12 GA COPPER TRACER WIRE SHALL BE PLACED ALONG ENTIRE LENGTH OF THE WATER LINE AND SHALL BE ACCESSIBLE FROM INSIDE VALVE COVERS.

AECOM

PROJECT

PFAS TREATMENT WELL PACKAGE A.4 MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER PE084304
6-12-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	-

DISCIPLINE

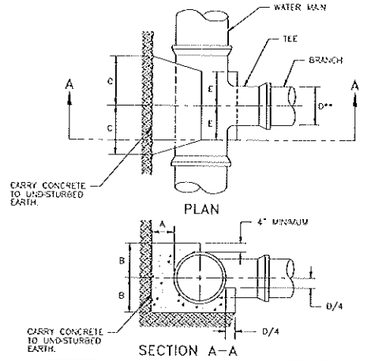
CIVIL

SHEET TITLE

DETAILS I

SHEET NUMBER

99 C-501



BUTTRESS FOR TEES							
	PIPE SIZE OF BRANCH						
D**	4"	6"	8"	10"	12"	16"	20"
A	8"	8"	10"	1'-0"	1'-0"	1'-6"	2'-0"
B	9"	1'-0"	1'-0"	1'-6"	1'-6"	2'-0"	2'-6"
C	9"	1'-0"	1'-6"	1'-6"	2'-0"	2'-6"	3'-0"
E	9"	6"	8"	8"	8"	10"	1'-2"
D** INDICATES NOMINAL DIAMETER PIPE SIZES							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR TEES

SCALE: NTS



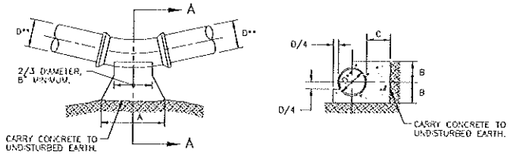
PLAN SECTION

BUTTRESS FOR CAPS							
	PIPE SIZE						
D**	4"	6"	8"	10"	12"	16"	20"
A	8"	8"	10"	12"	12"	1'-6"	2'-0"
B	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	4'-0"	5'-0"
C	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-6"	5'-6"
D** INDICATES NOMINAL DIAMETER PIPE SIZES							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR CAPS

SCALE: NTS



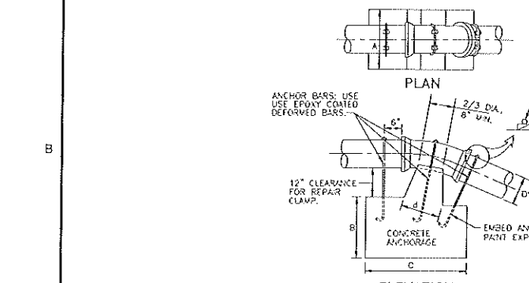
PLAN SECTION A-A

BUTTRESS FOR HORIZONTAL BENDS								
		PIPE SIZE						
	D**	4"	6"	8"	10"	12"	16"	20"
1/32 BEND	A	9"	9"	1'-0"	1'-0"	1'-6"	2'-0"	3'-0"
	B	9"	9"	9"	1'-0"	1'-0"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"
1/16 BEND	A	1'-0"	1'-0"	1'-6"	1'-6"	2'-0"	3'-0"	3'-0"
	B	9"	9"	1'-0"	1'-0"	1'-6"	1'-6"	2'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	3'-0"
1/8 BEND	A	1'-6"	1'-6"	2'-0"	2'-6"	3'-0"	4'-0"	4'-6"
	B	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	2'-0"	2'-6"
	C	1'-0"	1'-0"	1'-0"	2'-0"	2'-6"	3'-0"	4'-0"
1/4 BEND	A	2'-6"	2'-6"	3'-0"	3'-6"	4'-0"	5'-6"	SITE SPECIFIC DESIGN REQUIRED
	B	1'-0"	1'-0"	1'-6"	2'-0"	2'-6"	2'-6"	
	C	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	
D** INDICATES NOMINAL DIAMETER PIPE SIZES								

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR HORIZONTAL BENDS

SCALE: NTS



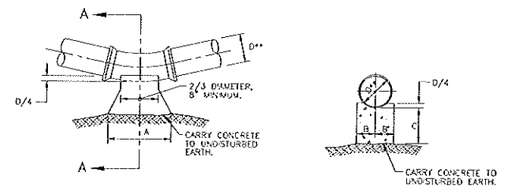
ANCHORAGES FOR UPPER VERTICAL BENDS								
		PIPE SIZE						
	D**	4"	6"	8"	10"	12"	16"	20"
1/32 BEND	A	1'-6"	2'-0"	2'-0"	3'-0"	3'-6"	4'-6"	5'-0"
	B	2'-0"	2'-0"	3'-0"	3'-0"	3'-6"	3'-6"	4'-6"
	C	2'-6"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
1/16 BEND	A	2'-6"	2'-6"	3'-6"	4'-0"	4'-6"	5'-6"	6'-0"
	B	3'-0"	2'-6"	3'-0"	3'-0"	3'-6"	4'-6"	5'-6"
	C	3'-0"	3'-6"	3'-6"	4'-6"	5'-0"	5'-6"	6'-6"
1/8 BEND	A	3'-6"	3'-6"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
	B	3'-6"	3'-6"	4'-0"	4'-0"	4'-6"	5'-6"	6'-6"
	C	3'-0"	3'-6"	4'-6"	5'-6"	6'-0"	7'-0"	8'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZES								

EPOXY COATED ANCHOR BARS			
PIPE SIZE	1/32 BEND	1/16 BEND	1/8 BEND
6"	3-#6	3-#6	3-#6
8"	3-#6	3-#6	3-#6
10"	3-#6	3-#6	3-#6
12"	3-#6	3-#6	3-#6
16"	3-#6	3-#6	3-#6
20"	3-#6	3-#6	3-#6

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

ANCHORAGE FOR UPPER VERTICAL BENDS

SCALE: NTS

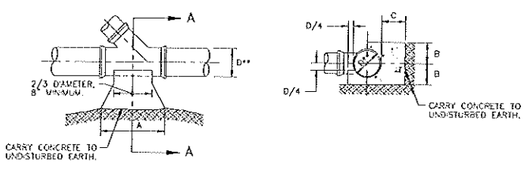


BUTTRESS FOR LOWER VERTICAL BENDS								
		PIPE SIZE						
	D**	4"	6"	8"	10"	12"	16"	20"
1/32 BEND	A	1'-0"	1'-0"	1'-6"	1'-6"	1'-6"	2'-0"	3'-0"
	B	6"	6"	6"	9"	9"	1'-0"	1'-0"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/16 BEND	A	1'-0"	1'-6"	2'-0"	2'-0"	2'-6"	3'-0"	4'-0"
	B	6"	6"	9"	1'-0"	1'-0"	1'-3"	1'-6"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
1/8 BEND	A	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"
	B	6"	9"	1'-0"	1'-0"	1'-3"	2'-0"	2'-3"
	C	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	1'-6"	2'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZES								

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS. SPECIFIC AND SHALL REQUIRE

ANCHORAGE FOR UPPER LOWER VERTICAL BENDS

SCALE: NTS



BUTTRESS FOR WYE CONNECTION							
	PIPE SIZE						
D**	4"	6"	8"	10"	12"	16"	20"
A	1'-6"	1'-6"	2'-0"	2'-6"	3'-0"	4'-0"	4'-6"
B	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	2'-0"	2'-6"
C	1'-0"	1'-0"	1'-0"	2'-0"	2'-6"	3'-0"	4'-0"
D** INDICATES NOMINAL DIAMETER PIPE SIZES							

NOTES:
1. ALL CONCRETE TO BE MIX 3, f'c = 3,500 PSI AT 28 DAYS.
2. THE MINIMUM DIMENSION AS SHOWN IS BASED ON THE FOLLOWING CONDITIONS AND LIMITATIONS:
   a. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF.
   b. OPERATING WATER PRESSURE = 150 PSI.
   c. DEPTH FROM FINISHED GRADE TO TOP OF PIPE ASSUMED TO EQUAL 4'-0" OR DEEPER.
   d. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW BOTTOM OF THE CONCRETE BLOCK.
3. ALL DIMENSIONS ARE MINIMUM EXCEPT WHERE LARGER DIMENSION WILL INTERFERE WITH THE PIPE JOINTS OR NOT FACILITATE BOLT REMOVAL ON MECHANICAL JOINTS.
4. ALL DIMENSIONS ARE FOR DUCTILE IRON PIPE FITTINGS OR PVC PIPE WITH DUCTILE IRON PIPE FITTINGS.

BUTTRESS FOR WYE CONNECTION

SCALE: NTS

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

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REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER PE086354 6-17-2026

ISSUE/REVISION

NR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	DK
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	NO SCALE

DISCIPLINE

CIVIL

SHEET TITLE

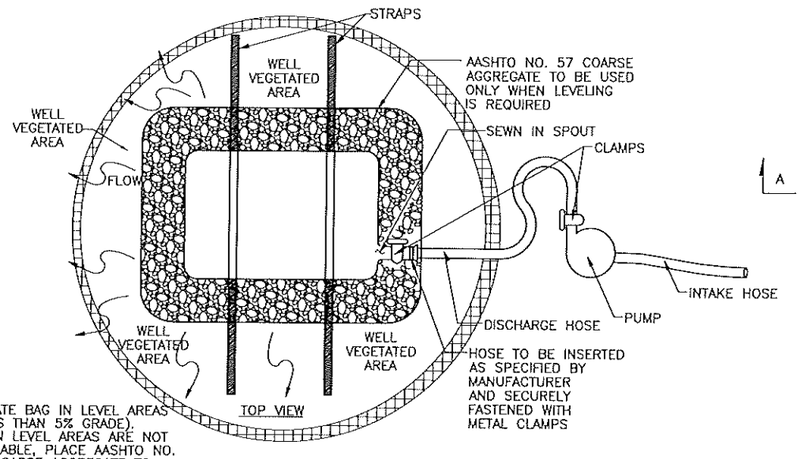
DETAILS II

SHEET NUMBER

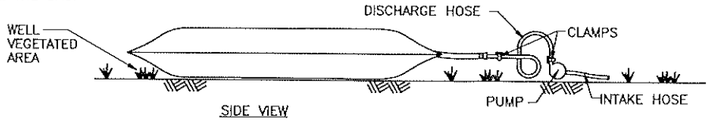
99 C-502

EROSION AND SEDIMENTATION CONTROL NOTES

1. CONDUCT ALL EARTH DISTURBANCE ACTIVITIES WITHIN THE LIMIT OF DISTURBANCE. CLEARLY MARK THE LIMIT OF DISTURBANCE PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES.
2. STABILIZED DISTURBED AREAS THAT ARE TO BE IMMEDIATELY STABILIZED BEFORE THE END OF EACH WORKING DAY.
3. PERMANENTLY STABILIZE DISTURBED AREAS PROMPTLY AFTER FINAL EARTH MOVING HAS BEEN COMPLETED. WHERE IT IS NOT POSSIBLE TO PROVIDE PERMANENT STABILIZATION, PROMPTLY IMPLEMENT INTERIM STABILIZATION MEASURES AND MAINTAIN UNTIL FINAL STABILIZATION CAN BE ACHIEVED.
4. CLEAN UP DISCARDED MATERIAL AND DEBRIS WITHIN EACH SCHEDULED SECTION OF CONSTRUCTION IMMEDIATELY AFTER COMPLETION OF EACH SECTION. MAINTAIN AN AREA THAT IS CLEAN AND FREE OF ANY MATERIAL RESULTING FROM THE WORK.
5. FOR MATERIALS THAT MAY REQUIRE SPECIAL DISPOSAL (SUCH AS DISCARDED HAZARDOUS MATERIALS), ENSURE THE MATERIAL IS DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH MATERIALS.
6. ENSURE THAT ALL OFF-SITE WASTE AND BORROW SITES HAVE AN APPROVED SOIL EROSION AND SEDIMENTATION CONTROL PLAN.
7. ENSURE ALL FILL MATERIAL BROUGHT ON SITE IS CLEAN FILL. CLEAN FILL IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTIONS MANAGEMENT OF FILL POLICY.
8. PLACE EARTHEN FILL IN COMPACTED LAYERS NOT EXCEEDING 9 INCHES IN THICKNESS.
9. FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHOULD NOT BE INCORPORATED INTO FILLS.
10. DO NOT PLACE FILL ON SATURATED OR FROZEN SURFACES.
11. ASSIGN A QUALIFIED INDIVIDUAL TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT POLLUTION CONTROL AS THE OPERATOR/RESPONSIBLE PERSON (O/RP) TO PERFORM THE DUTIES DESCRIBED HEREIN.
12. DIRECT THE O/RP TO PERFORM VISUAL INSPECTIONS OF ALL E&SPC BMPS ON A WEEKLY BASIS AND AFTER ALL RUNOFF EVENTS TO ENSURE PROPER INSTALLATION AND MAINTENANCE TO EFFECTIVELY MINIMIZE POLLUTION TO WATERS OF THE COMMONWEALTH. SUBMIT A WRITTEN REPORT TO THE ENGINEER AND BUCKS COUNTY CONSERVATION DISTRICT. INCLUDE AT A MINIMUM (1) A SUMMARY OF SITE CONDITIONS, E&SPC BMP IMPLEMENTATION, MAINTENANCE ACTIVITIES, AND COMPLIANCE ACTIONS, AND (2) THE DATE, TIME, NAME, AND SIGNATURE OF THE O/RP WHO PERFORMED THE INSPECTION.

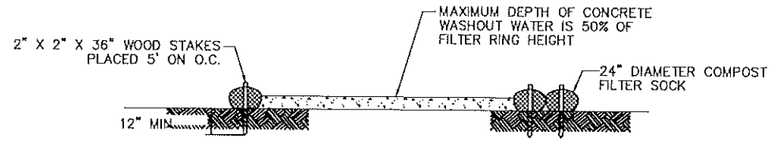


NOTE
1. LOCATE BAG IN LEVEL AREAS (LESS THAN 5% GRADE). WHEN LEVEL AREAS ARE NOT AVAILABLE, PLACE AASHTO NO. 57 COARSE AGGREGATE TO LEVEL THE BAG.

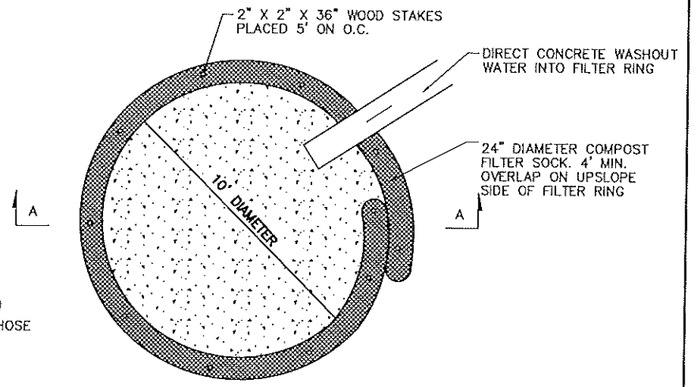


PUMPED WATER FILTER BAG
NOT TO SCALE

NOTES:
1. PROVIDE A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. IT IS RECOMMENDED THAT BAGS BE PLACED ON STRAPS TO FACILITATE REMOVAL.
2. BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.
3. NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHOULD BE INSTALLED BELOW BAGS LOCATED WITHIN 50 FEET OF RECEIVING STREAM OR WHERE GRASSY AREA IS NOT AVAILABLE. A COMPOST BERM OR COMPOST FILTER SOCK SHALL BE PLACED BELOW ANY BAG DISCHARGING TO A SPECIAL PROTECTION SURFACE WATER.
4. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.
5. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1.2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.
6. FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.
7. LOCATE BAG IN LEVEL AREAS (LESS THAN 5% GRADE). WHEN LEVEL AREAS ARE NOT AVAILABLE, PLACE AASHTO NO. 57 COARSE AGGREGATE TO LEVEL THE BAG.



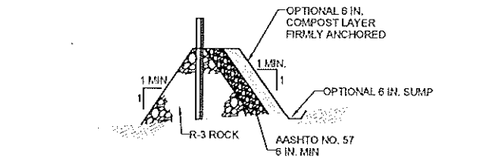
SECTION A–A



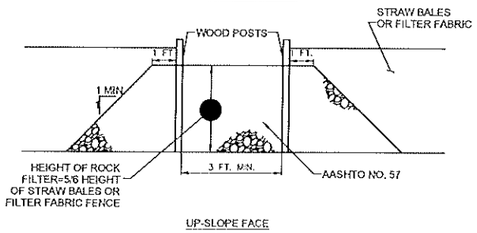
PLAN VIEW

CONCRETE WASHOUT
NOT TO SCALE

NOTES:
1. INSTALL ON FLAT (<2%) GRADE FOR OPTIMUM PERFORMANCE.
2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.
3. A SUITABLE IMPERMEABLE GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.
4. DO NOT PLACE WASHOUT FACILITY WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES, OR SURFACE WATERS.
5. CONCRETE WASHOUT IS INCIDENTAL TO RESPECTIVE CONCRETE CONSTRUCTION ITEMS.



OUTLET CROSS-SECTION



UP-SLOPE FACE

ROCK FILTER OUTLET
NOT TO SCALE

NOTES:

A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

SITE INFORMATION			
	CH. 93 DESIGNATED USE	IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS	ABACT REQUIRED? (Y/N)
~~DEER RUN~~	HQ-TSF	NONE	Y
HUNT COUNTRY	HQ-TSF	NONE	Y
~~IVY RIDGE~~	TSF	EUTROPHICATION, FLOW REGIME MODIFICATION	Y
~~MEYERS TRACT~~	TSF	SILTATION, FLOW REGIME MODIFICATION	Y
~~PEDDLER'S VIEW~~	HQ-CWF	FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION	Y

*ABACT IS REQUIRED FOR RECEIVING STREAMS WITH A CH. 93 DESIGNATED USE OF HIGH QUALITY (HQ) OR EXCEPTIONAL VALUE (EV) OR IF THE STREAM HAS IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS.
**IMPAIRMENTS REQUIRING ANTIDEGRADATION ANALYSIS ACCORDING TO THE 2024 DEP INTEGRATED WATER QUALITY REPORT INCLUDE: SILATATION, TURBIDITY, TSS, ALGAE, EUTROPHICATION, NUTRIENTS, FLOW REGIME MODIFICATION, AND HABITAT ALTERATIONS

AECOM

PROJECT
PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT
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REGISTRATION
COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER PE084324
8-13-2026

ISSUE/REVISION

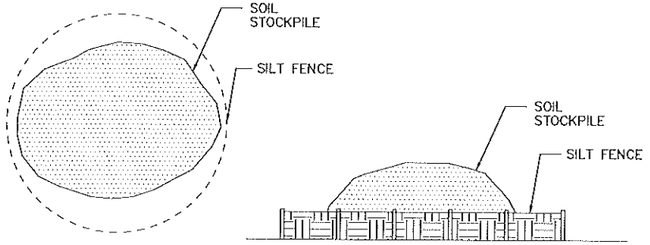
NR	DATE	DESCRIPTION

PROJECT NUMBER
60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	-

DISCIPLINE
CIVIL
SHEET TITLE
E&S DETAILS I

SHEET NUMBER
99 C-503



SOIL STOCKPILE

NOT TO SCALE

NOTES:

1. SILT FENCE MUST BE PLACED AROUND THE PERIMETER OF THE SOIL STOCKPILE.
2. APPLY TEMPORARY SEEDING AND MULCHING IMMEDIATELY.

SOILS DATA OBTAINED FROM USDA NRCS WEB SOIL SURVEY			
SITE	SYMBOL	DESCRIPTION	EROSION HAZARD
~~BEER RUN~~	NeB	NESHAMINY SILT LOAM, 3 TO 8 PERCENT SLOPES	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
HUNT COUNTRY	Ha	HATBORO SILT LOAM	EROSION UNLIKELY UNDER ORDINARY CLIMATIC CONDITIONS
~~IVY RIDGE~~	Bo	BOWMANSVILLE-KNAUERS SILT LOAMS	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
	PkD	PENN KLINESVILLE CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	
	RhB	REAVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	
~~MEYERS TRACT~~	RhC	REAVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES	EROSION IS VERY LIKELY AND EROSION CONTROL MEASURES ARE ADVISED
	UusD	URBAN LAND-UDORTHENTS, SHALE AND SANDSTONE COMPLEX, 8 TO 25 PERCENT SLOPES	NOT RATED
~~PEDDLER'S VIEW~~	AbB	ABBOTTSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	SOME EROSION IS LIKELY AND EROSION CONTROLS MAY BE NEEDED
	Bo	BOWMANSVILLE-KNAUERS SILT LOAMS	

SOIL NAME	SOIL LIMITATIONS														
	CUTBANKS CAVE	CORROSIVE TO CONCRETE / STEEL	DROUGHTY	EASILY ERODIBLE	FLOODING	DEPTH TO SATURATED ZONE ZONE / SEASONAL HIGH WATER TABLE	HYDRIC / HYDRIC INCLUSIONS	LOW STRENGTH / LANDSLIDE PRONE	SLOW PERCOLATION	PIPING	POOR SOURCE OF TOPSOIL	FROST ACTION	SHRINK - SWELL	POTENTIAL SINKHOLE	PONDING	WETNESS
NESHAMINY	X	C/S				X	X	X	X	X	X					
HATBORO	X	C/S			X	X	X	X	X	X	X					X
BOWMANSVILLE	X	C/S			X	X	X	X	X	X	X					X
KNAUERS	X	C/S	X		X	X	X	X	X		X	X			X	X
PENN	X	C	X				X	X		X	X	X				
KLINESVILLE	X	C/S	X	X			X		X		X	X				
REAVILLE	X	C/S	X	X		X	X		X	X	X	X				X
GLADSTONE	X	C		X			X		X			X	X			
GLENVILLE	X	C/S				X	X	X	X	X	X	X				X
TOWHEE	X			X		X	X	X	X	X	X	X	X			
UDORTHENTS	X	C/S	X	X				X	X		X	X				
ABBOTTSTOWN	X	C/S		X		X	X	X	X	X	X	X				X

RESOLUTIONS TO SOIL LIMITATIONS

CUTBANKS CAVE
RESOLUTION - CUT AND FILL SLOPES TO CONSTRUCT IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

CORROSIVE TO CONCRETE/STEEL
RESOLUTION - ALTERNATE PIPE MATERIALS ARE PROVIDED. PLACE CONCRETE AND STEEL IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

DROUGHTY
RESOLUTION - AT LOCATIONS WHERE DROUGHTY SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO INCREASE SOIL MOISTURE CONTENT.

EASILY ERODIBLE
RESOLUTION - SOIL EROSION CONTROL DEVICES WILL BE USED WHERE NECESSRY IN ACCORDANCE WITH PENNDOT SPECIFICATIONS.

DEPTH TO SATURATED ZONE/SEASONAL HIGH WATER TABLE
RESOLUTION - ONLY USES COMPATIBLE WITH A HIGH WATER TABLE SHOULD BE LOCATED IN THESE AREAS. IF NO OTHER SUITABLE LOCATIONS ARE AVAILABLE FOR USES INCOMPATIBLE WITH A HIGH WATER TABLE, STRUCTURES OR FACILITIES IN THESE AREAS MUST BE DESIGNED TO WITHSTAND POTENTIAL SETTLEMENT DUE TO CONSOLIDATION (IF COHESIVE SOILS ARE PRESENT) AND DECREASED BEARING CAPACITY. APPROPRIATE DRAINAGE MEASURES ARE TO BE INSTALLED.

HYDRIC/HYDRIC INCLUSIONS
RESOLUTION - ONLY USES COMPATIBLE WITH HYDRIC SOILS SHOULD BE LOCATED IN THESE AREAS. FOUNDATIONS FOR STRUCTURES ON HYDRIC SOILS SHOULD BE APPROPRIATELY DESIGNED. PERFORM NECESSARY SUBSURFACE INVESTIGATION.

LOW STRENGTH/LANDSLIDE PRONE
RESOLUTION - PERFORM NECESSARY SUBSURFACE INVESTIGATION .

SLOW PERCOLATION
RESOLUTION - N/A SINCE NO INFILTRATION SCMS ARE BEING PROPOSED AS PART OF THIS PROJECT.

PIPING
RESOLUTION - PROVIDE ANTI SEEP COLLARS AT STORMWATER MANAGEMENT BMP OUTLETS TO PREVENT EMBANKMENT FAILURE.

POOR SOURCE OF TOPSOIL
RESOLUTION - IF THERE ARE NO SUITABLE ON-SITE SOILS FOR TOPSOIL, SUITABLE MATERIAL WILL NEED TO BE IMPORTED. SUITABLE MATERIAL SHOULD CONFORM TO PUBLICATION 408, SECTION 802.2.

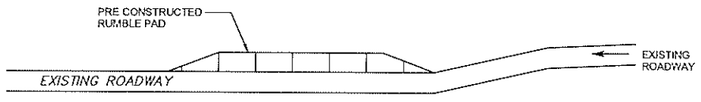
FROST ACTION
RESOLUTION - STRUCTURES OR FACILITIES LOCATED ON SOILS SUSCEPTIBLE TO FROST ACTION MUST BE PLACED AT A MINIMUM DEPTH TO PREVENT FROST ACTION.

SHRINK-SWELL
RESOLUTION - AT LOCATIONS WHERE SHRINK-SWELL SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO ACCOMMODATE POTENTIAL SOIL MOVEMENT.

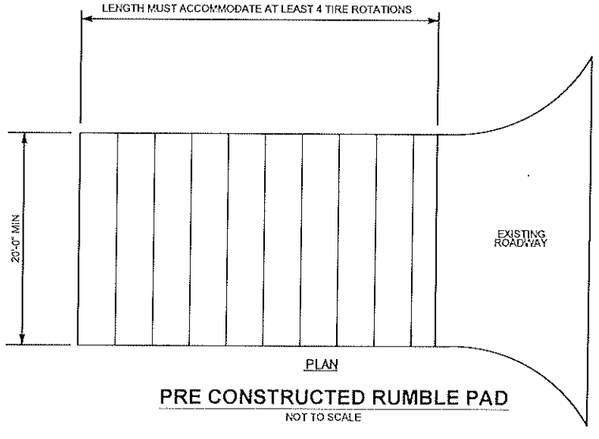
POTENTIAL SINKHOLE
RESOLUTION - N/A

PONDING
RESOLUTION - AT LOCATIONS WHERE PONDING SOILS ARE PRESENT, PROVIDE ADEQUATE MEASURES TO MANAGE STANDING WATER CONDITIONS.

WETNESS
RESOLUTION - ONLY USES COMPATIBLE WITH WET SOILS SHOULD BE LOCATED IN AREAS WITH THESE SOIL TYPES. IF NO OTHER SUITABLE LOCATIONS ARE AVAILABLE FOR USES INCOMPATIBLE WITH WET SOILS, STRUCTURES AND FACILITIES MUST BE DESIGNED TO ACCOMMODATE THE WET CONDITIONS AND APPROPRIATE DRAINAGE MEASURES ARE TO BE INSTALLED.



PROFILE

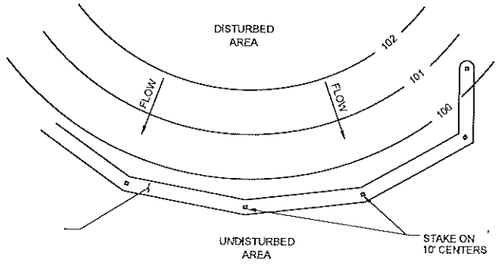


PLAN

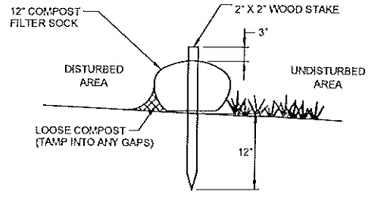
PRE CONSTRUCTED RUMBLE PAD

NOT TO SCALE

1. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. PROVIDE A SUFFICIENT NUMBER OF PADS FOR A MINIMUM OF 4 TIRE REVOLUTIONS WHILE ON THE PAD. MORE PADS OR MANUAL CLEANING OF TIRES MAY BE NEEDED DEPENDING ON SITE CONDITIONS.
2. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
3. RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING RUMBLE PAD.
4. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTED SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF RUMBLE PAD BY 50 FT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.



PLAN



SECTION VIEW

COMPOST FILTER SOCK - VARIOUS DIAMETERS

NOT TO SCALE

1. REMOVE DEPOSITS WHEN SEDIMENT ACCUMULATION IS ONE THIRD THE HEIGHT OF THE EXPOSED COMPOST FILTER BERM OR ONE HALF OF THE EXPOSED COMPOST FILTER SOCK.
2. PLACE COMPOST FILTER SOCK/BERM ON LEVEL GRADE. EXTEND BOTH ENDS OF THE COMPOST FILTER SOCK/BERM AT LEAST 8'-0" UPSLOPE AT 45 DEGREES TO THE MAIN ALIGNMENT.
3. REPLACE BIODEGRADABLE FILTER SOCK AFTER 6 MONTHS; PHOTODEGRADABLE AFTER 12 MONTHS.
4. COMPLY WITH PENNDOT STANDARD SPECIFICATION 867 (PUBLICATION 408).

AECOM

PROJECT

PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT

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CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BENJAMIN DEATRICH
ENGINEER
6-12-2026

ISSUE/REVISION

NR	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	1" = 20'

DISCIPLINE

CIVIL

SHEET TITLE

E&S DETAILS II

SHEET NUMBER

99 C-504

SEEDING NOTES

1. SOIL SUPPLEMENTS AND SEEDING WILL BE IN ACCORDANCE WITH SECTION 408 OR OTHER APPROVED SPECIAL PROVISIONS.
2. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 4 DAYS UPON REACHING FINISHED GRADE. ROLLED EROSION CONTROL PRODUCTS SHALL BE INSTALLED IN SEEDED AREAS WITH 50 FEET OF SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, ACCORDING TO THE STANDARDS OF THIS PLAN.
3. WITHIN 4 DAYS AFTER EARTH DISTURBANCE CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. NON-GERMINATING MONTHS, MULCH, OR ROLLED EROSION CONTROL PRODUCTS SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITH 1 YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATE WITHIN 1 YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
4. STOCKPILES MUST BE SEEDED AND MULCHED IMMEDIATELY.

SEEDING APPLICATION DATES:

1. SPREAD SEEDS WHERE INDICATED AND AT THE RATES AS INDICATED. SPREAD SEEDS WITHIN THE FOLLOWING DATES, OR OTHERWISE INDICATED OR DIRECTED.

1.1. FORMULA B AND D - MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 15

1.2. FORMULA RG - APRIL 1 TO JUNE 15, AUGUST 16 TO SEPTEMBER 15

1.3. FORMULA E - MARCH 15 TO OCTOBER 15

* FOR INFORMATION ONLY. REFER TO PADOT'S PUBLICATION 408, SECTION 804 AND 805 FOR COMPLETE REGULATORY SPECIFICATION.

EXTEND SEEDING DATES WHERE PROJECT CONDITIONS WARRANT. APPLY FULL TREATMENT OR APPLY ONLY 50% OF THE PERMANENT SEEDING AND SOIL SUPPLEMENTS AND APPLY THE REMAINING 50% WITHIN THE NEXT SEEDING DATES, AS DIRECTED IN WRITING.

USE TILLAGE AND SOIL SUPPLEMENTS BEFORE PERMANENT SEEDING ON TOPSOILED AREAS, WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED.

THE CONTRACTOR MAY APPLY PERMANENT SEED AND/OR SOIL SUPPLEMENTS WITHOUT TILLING ON UNTOPSOILED AREAS, WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED.

SCHEDULE OF SEEDING AND SOIL SUPPLEMENTS	
SEEDING AND SOIL SUPPLEMENT FORMULA	APPLICATION
B	NONSTEEP AREAS (LESS THAN 4:1) HIGHLY MAINTAINED AND MOWED SURFACES, USE ONLY ON TOPSOIL
D	CUT/FILL SLOPES GREATER THAN 3:1 AND VEGETATED SWALE
RG	RAIN GARDEN
E	TEMPORARY SEEDING

MULCHING NOTES

MULCHING SEEDED AREAS:

1. PLACE MULCH IMMEDIATELY AFTER SEEDING OR WITHIN 48 HOURS AFTER SEEDING IS COMPLETED. UNLESS OTHERWISE INDICATED, PLACE ONLY STRAW OR WOOD FIBER OVER TOPSOILED AREAS. USE HAY, STRAW, OR WOOD FIBER IN OTHER AREAS, AS INDICATED OR SPECIFIED.
2. PLACE HAY OR STRAW UNIFORMLY, IN A CONTINUOUS BLANKET, AT A MINIMUM RATE OF 1,200 POUNDS PER 1,000 SQUARE YARDS, OR AS OTHERWISE INDICATED. IF DIRECTED, INCREASE THE RATE OF APPLICATION, DEPENDING UPON THE MATERIAL USE, SEASON, SOIL CONDITIONS, OR METHOD OF APPLICATION. AN ACCEPTABLE MECHANICAL BLOWER MAY BE USED TO APPLY MULCH. DO NOT USE MACHINE THAT CUT MULCH INTO SHORT PIECES. ANCHOR MULCH WITH SPECIFIED MULCH BINDERS AT THE FOLLOWING RATES:

2.1. RECYCLED CELLULOSE FIBER: 160 POUNDS PER 1,000 SQUARE YARDS.
2.2. WOOD FIBER: 160 POUNDS PER 1,000 SQUARE YARDS.
2.3. NONASPHALTIC EMULSION: AT MANUFACTURER'S RECOMMENDED RATE.
2.4. POLYVINYL ACETATE: AT MANUFACTURER'S RECOMMENDED RATE.
2.5. RECYCLED CELLULOSE FIBER/WOOD FIBER MIXTURE: 160 POUNDS PER 1,000 SQUARE YARDS.

3. THE MULCH BINDER APPLICATION IS INCIDENTAL TO THE APPLICATION OF STRAW AND HAY MULCH.
4. APPLY WOOD FIBER MULCH HYDRAULICALLY ACCORDING TO THE MANUFACTURER'S TANK-MIXING INSTRUCTION. IT MAY BE INCORPORATED AS AN INTEGRAL PART OF THE SLURRY AFTER THE SEED AND SOIL SUPPLEMENTS HAVE BEEN THOROUGHLY MIXED. APPLY UNIFORMLY AT THE RATE OF 320 POUNDS PER 1,000 SQUARE YARDS, UNLESS OTHERWISE INDICATED.
5. MULCH TEMPORARY SEEDED AREAS WITH HAY.

MULCHING PLANTED AREAS:

1. INDIVIDUAL PLAN PITS UNIFORMLY APPLY TO DESIGNATED MULCH SPECIFIC INSPECTION 805.2(A)2 TO THE ENTIRE PLANT PIT TO A LOOSE DEPTH OF 3 INCHES AND AS SHOWN ON THE STANDARD DRAWING. APPLY MULCH WITHIN 48 HOURS AFTER COMPLETION OF THE PLANTING OPERATION.
2. PLANING BEDS COVER DESIGNATED SHRUB BEDS WITH MULCH OR MULCH AND WEED BARRIER MAT OR MULCH AND WEED CONTROL MAT AS INDICATED. SECURE MAT THE TO THE SOIL SURFACE WITH STAPLES OR OTHER APPROVED ANCHORING DEVICES AT A MAXIMUM INTERVAL SPACING OF 3 FEET AND ALONG ALL EDGES AND OVERLAPS. OVERLAP MAT EDGE WITH 2 INCH MINIMUM.
3. UNIFORMLY APPLY A DESIGNATED MULCH SPECIFIED IN SECTION 805.2(A)2 OVER THE ENTIRE BED AREA TO A LOOSE DEPTH OF 3 INCHES. REDISTRIBUTE EXCESSIVE MULCH DEPTH. TAPER MULCH AT PLANT PIT. APPLY MAT AND MULCH WITHIN 48 HOURS AFTER COMPLETION OF THE PLANTING OPERATION.

MULCH APPLICATION RATES

MULCH TYPE	APPLICATION RATE (MIN.)			NOTES
	PER ACRE	PER 1,000 SQ FT	PER 1,000 SQ YD	
STRAW	3 TONS	140 LB	1,240 LB	EITHER WHEAT OR OAT STRAW, FREE OF WEEDS, NOT CHOPPED OR FINELY BROKEN
HAY	3 TONS	140 LB	140 LB	TIMOTHY, MIXED CLOVER AND TIMOTHY OR OTHER NATIVE FORAGE GRASSES
WOOD CHIPS	4 - 6 TONS	185-275 LB	1,650-2,500 LB	MAY PREVENT GERMINATION OF GRASSES AND LEGUMES
HYDROMULCH	1 TON	47 LB	415 LB	SEE LIMITATIONS ABOVE

SOIL AMENDMENT APPLICATION RATE EQUIVALENTS

SOIL AMENDMENT	PERMANENT SEEDING APPLICATION RATE			NOTES
	PER ACRE	PER 1,000 SQ FT	PER 1,000 SQ YD	
AGRICULTURAL LIME	6 TONS	240 LB	2,450 LB	OR AS PER SOIL TEST, MAY NOT BE REQUIRED IN AGRICULTURAL FIELDS
10-20-20 FERTILIZER	1,000 LB	25 LB	210 LB	
TEMPORARY SEEDING APPLICATION RATE				
AGRICULTURAL LIME	1 TON	40 LB	410 LB	TYPICALLY NOT REQUIRED FOR STOCKPILES
10-10-10 FERTILIZER	500 LB	12.5 LB	100 LB	

AECOM

PROJECT

PFAS TREATMENT WELL PACKAGE A.4 MAIN SYSTEM

CLIENT

AQUA PENNSYLVANIA, INC.
762 Lancaster Ave
Bryn Mawr, PA 19010
877.987.2782 tel
www.aquawater.com

CONSULTANT

AECOM
625 West Ridge Pk, Ste E-100
Conshohocken, PA 19428
610.234.5402 tel
www.aecom.com

CONSULTANTS

REGISTRATION

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER PE066364
6-12-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER

60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	1" = 20'

DISCIPLINE

CIVIL

SHEET TITLE

E&S DETAILS III

SHEET NUMBER

99 C-505

PLANTING NOTES:

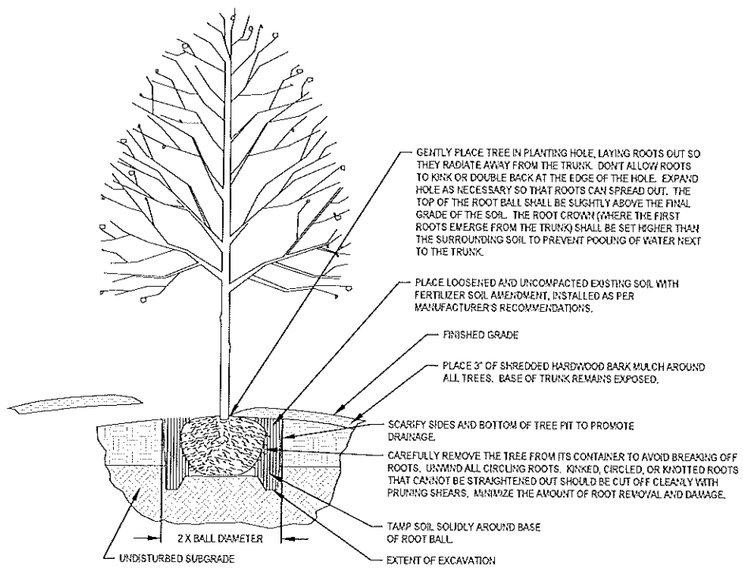
1. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH OTHER CONTRACTORS PERFORMING WORK ON THE SITE.
2. CONTRACTOR SHALL STAKE OUT PLANTING ZONES FOR REVIEW BY OWNER OR ENGINEER PRIOR TO INSTALLING PLANTS.
3. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL PLANTS AND PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
6. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HRS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UNDERGROUND UTILITIES, AND OTHER ELEMENTS, AND COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO INITIATING OPERATIONS. THE CONTRACTOR SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF LANDSCAPE CONSTRUCTION.
8. REFER TO THE SPECIFICATION FOR LANDSCAPE INSTALLATION, MAINTENANCE, WATERING, AND WARRANTY TERMS.
9. CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIALS INDICATED ON PLANS TO REMAIN. ALL PLANT MATERIAL INDICATED TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL OR AS REQUIRED BY THE LOCAL REVIEWING AUTHORITY, WHICHEVER HAS A GREATER RECOMPENSE VALUE.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES.
11. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWING AND FIELD CONDITIONS TO THE DESIGN PROFESSIONAL PRIOR TO STARTING CONSTRUCTION. FOLLOW THE DESIGN PROFESSIONAL'S INSTRUCTIONS ON RESOLVING ANY DISCREPANCIES.
12. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWING.
13. NO PLANT OR CULTIVAR SUBSTITUTIONS WILL BE ACCEPTABLE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
14. OWNERS REPRESENTATIVE SHALL INSPECT PLANT MATERIAL FOR ACCEPTANCE PRIOR TO PLANTING.
15. REFER TO PLANTING DETAILS AND SPECIFICATIONS FOR INFORMATION RELATING TO PLANTING PIT DIMENSIONS AND COMPOSITION OF PLANTING SOIL MIXTURE.
16. PLANT CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING. NEVER LIFT OR HANDLE THE TREE BY THE TRUNK.
17. ALL AREAS THAT HAVE BEEN DISTURBED BY PLANTING ACTIVITY SHALL BE RESTORED TO A NEAT CONDITION. AREAS WITH BARE SOIL SHALL BE STABILIZED WITH THE APPROPRIATE MEASURE AS SPECIFIED ON THE PLANTING PLAN AND SPECIFICATIONS.
18. MULCHING SHALL BE COMPLETED WITHIN 48 HOURS AFTER PLANTING OF NEW PLANT MATERIAL. MULCH SHALL BE SPREAD TO A MINIMUM DEPTH OF 4" FOR INDIVIDUALLY PLANTED TREES AND SHRUBS AND SHOULD COVER THE ENTIRE EXCAVATED PIT AREA OF EACH PLANT.
19. PLANTS SHALL BE SPACED ACCORDING TO PLANT SCHEDULE WITH A DIVERSITY OF SPECIMENS SPREAD THROUGHOUT THE PLANTING ZONE.
20. IF POSSIBLE, PLANTS SHOULD BE PURCHASED FROM A SOURCE NEAR THE INSTALLATION SITE FOR THE BEST CHANCE OF SURVIVAL, BECAUSE THEY WILL BE WELL-ADAPTED TO LOCAL SOIL AND CLIMATIC CONDITIONS.
21. PLANT DENSITIES, QUANTITIES, AND AREAS SHOWN IN PLANTING SCHEDULES ARE FOR CONVENIENCE ONLY AND MAY NOT BE ACCURATE WITH AS-BUILT CONDITIONS. CONTRACTOR SHALL SUBMIT ESTIMATES FOR PLANT DENSITIES AND PLANTING AREAS IN THE PLANTING PLAN.

PLANT SYMBOLS:

THUJA GREEN GIANT ARBORVITAE

HUNT COUNTRY WELL TREATMENT FACILITY PLANT SCHEDULE

QUANTITY	ABRBV.	SCIENTIFIC NAME	COMMON NAME	HEIGHT	CALIPER	ROOT
6	GA	THUJA PLICATA X STANDISHII 'GREEN GIANT'	THUJA GREEN GIANT ARBORVITAE	5-6'	--	#3 CONT



TREE PLANTING DETAIL
N.T.S.

AECOM

PROJECT
PFAS TREATMENT
WELL PACKAGE A.4
MAIN SYSTEM

CLIENT
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CONSULTANTS

REGISTRATION
COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL BENJAMIN DEATRICH ENGINEER PE084304 6-17-2026

ISSUE/REVISION

I/R	DATE	DESCRIPTION

PROJECT NUMBER
60754405

Designed By:	JJ
Drawn By:	JJ
Dept Check:	BD
Proj Check:	BD
Date:	AUGUST 2026
Scale:	-

DISCIPLINE
CIVIL
SHEET TITLE
PLANTING DETAILS

SHEET NUMBER
99 C-506

Memo

To: Board of Supervisors
From: Kelly Brophy
Re: September 2026 YTD Financial Report
Date: October 20, 2026

As of September 30th, the Township remains in a solid financial position. Through September 30th, we collected $10,683,190 and spent $9,752,795, meaning we have collected $930,396 more than we have spent so far this year. The General Fund adjusted cash balance was $7,450,154 as of September 30th. While we are currently $1,746,428 ahead of budget, it is important to keep in mind that this does not mean we will end the year with a $1.7 million surplus.

Most of our major revenues are collected earlier in the year, while expenses continue through December. As we enter the final months of the year, revenue collections will slow while expenses continue, making the remainder of the year financially tight. We will continue to closely monitor spending through the end of December to ensure we remain within the 2026 budget.

2026 Budget Highlights:

Overall, we are $1,746,428 ahead of budget through the end of September.

We received $600,336 more than we originally expected. This is largely due to higher collections from Property, Transfer, and Earned Income taxes. We also saw more activity than expected in Building and Reoccupancy permit fees.

Overall spending is $1,146,092 lower than planned. We saved money due to lower costs for Police and engineering expenses, as well as lower-than-expected wages in the Finance, Codes, Sewer, and Stormwater departments.

Other funds as of September 30, 2026:

- The **State Liquid Fuels Fund** received $531,552 in revenues and incurred $0 in expenses. The fund balance is $532,808.
- The **Capital Reserve Fund** received $371,913 in revenues and incurred $648,017 in expenses. The fund balance is $4,924,193.
- The **Transportation Fund** received $15,259 in revenues and incurred $4,981 in expenses. The fund balance is $547,141.
- The **Sewer Operating Fund** received $3,965,298 in revenues and incurred $2,960,122 in expenses. The fund balance is $2,854,001.
- The **Refuse Fund** received $1,039,402 in revenues and incurred $1,186,142 in expenses. The fund balance is $136,354.
- The **Bond Fund** received $16,054 in revenues and incurred $12,480 in expenses. The fund balance is $605,051.
- The **Sewer Capital Reserve Fund** received $57,322 in revenues and incurred $177,133 in expenses. The fund balance is $2,124,894.
- The **Operating Reserve Fund** received $41,293 in revenues and incurred $0 in expenses. The fund balance is $1,847,456.
- The **Infrastructure Sustainability Fund** received $42,260 in revenues and incurred $30,909 in expenses. The fund balance is $1,456,551.

EAST GOSHEN TOWNSHIP

Variance Detail Report

Year to Date As of September 30, 2026

GENERAL FUND

	YTD Pr Yr	YTD Budget	YTD Actual	$ Favorable/ (Unfavorable)	Comments on YTD Budget Variance
REVENUES					
LOCAL ENABLING TAXES*	8,433,379	8,149,387	8,769,354	619,967	Real Estate Property tax, Transfer tax & EIT tax higher than expected
LICENSE & PERMITS	290,404	277,125	277,452	327	
FINES	83,426	42,856	26,092	(16,765)	False Alarm less than expected
INTEREST EARNINGS	135,735	162,750	194,020	31,270	Interest more than expected
RENTS	80,314	82,963	82,721	(243)	
STATE SHARED REVENUE & ENTITLEMENT	184,681	5,150	4,813	(338)	
GENERAL GOVERNMENT	27,313	71,667	46,507	(25,160)	Engineering Fees less than expected
PUBLIC SAFETY	310,373	312,812	465,999	153,187	Building & Reoccupancy Permit fee collections are higher than expected
HIGHWAY & STREETS	9,781	900	7,444	6,544	
CULTURE & RECREATION	304,610	339,910	327,336	(12,574)	Community day food trucks & tennis are lower than expected
MISCELLANEOUS REVENUE	112,709	94,833	71,672	(23,162)	Insurance dividends less than expected
INTERFUND OPERATING TRANSFERS	546,794	542,500	409,783	(132,717)	Quarterly sewer transfer less than expected
TOTAL REVENUES	10,519,520	10,082,854	10,683,190	600,336	
EXPENSES					
GENERAL GOVERNMENT	805,280	986,611	730,686	255,925	Engineering recharges & finance wages less than expected
TAX COLLECTION	87,309	97,146	83,168	13,978	EIT Commission less than expected
GENERAL GOVERNMENT BLDG & PLANT	192,850	223,228	231,911	(8,683)	PW Building Maint & Repairs higher than expected
PUBLIC SAFETY	4,322,647	5,230,079	4,598,273	631,806	Police expenses less than expected
PLANNING & ZONING	354,757	403,192	330,289	72,903	Building expector wages less than expected
RECYCLING	9,112	9,998	9,998	0	
PUBLIC WORKS - SANITATION	404,832	401,472	255,674	145,798	Sewer & stormwater wages less than expected
PUBLIC WORKS - HWYS ROADS & STREETS	1,426,505	1,647,846	1,707,653	(59,807)	Snow wages, snow supplies,fuel cost, vehicle maintence/repair, traffic signal maintence/repair & road wages higher than expected
PARTICIPANT RECREATION	399,679	411,588	436,151	(24,564)	Public Works America 250 support, Summer program expenses, America 250 expenese and Catalina Wine Mixer expenses are higher than expected
PARKS	318,027	310,086	359,396	(49,310)	Landscaping and Park Maint & Repairs higher than expected
CONSERVATION & DEVELOPMENT	450	0	1,508	(1,508)	
HISTORICAL	694	0	773	(773)	
DEBT SERVICE	67,500	67,500	64,200	3,300	
PENSION FUND CONTRIBUTION	131,502	194,050	191,642	2,408	
INSURANCE PREMIUMS	539,377	664,698	557,196	107,502	
EMPLOYEE BENEFITS	197,269	251,392	194,276	57,115	
INTERFUND TRANSFERS	0	0	0	0	
TOTAL EXPENSES	9,257,789	10,898,886	9,752,795	1,146,092	
NET RESULTS FROM OPERATIONS	1,261,730	(816,032)	930,396	1,746,428	

MONTH END FUND BALANCE REPORT
ALL FUNDS SEPTEMBER 2026
* NOTE: GENERAL FUND INCLUDES PASS-THROUGH ACCOUNTS

	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
1/1/26 BEGINNING BALANCE	**$6,475,925**	**$1,256**	**$5,200,297**	**$536,864**	**$1,848,825**	**$283,094**	**$2,244,705**	**$1,806,163**	**$1,445,201**	**$19,842,330**	**$28,367**	**$601,476**
RECEIPTS												
310 TAXES	8,903,397	0	0	0	0	0	0	0	0	8,903,397	0	0
320 LICENSES & PERMITS	277,452	0	0	0	0	0	0	0	0	277,452	0	0
330 FINES & FORFEITS	26,092	0	0	0	0	0	0	0	0	26,092	0	0
340 INTERESTS & RENTS	276,741	11,537	371,913	15,259	71,482	4,244	57,322	41,293	39,290	889,080	172	16,054
350 INTERGOVERNMENTAL	315,428	520,015	0	0	0	0	0	0	2,970	838,413	0	0
360 CHARGES FOR SERVICES	844,786	0	0	0	3,893,816	1,035,158	0	0	0	5,773,760	35,750	0
380 MISCELLANEOUS REVENUES	2,402,958	0	0	0	0	0	0	0	0	2,402,958	0	0
390 OTHER FINANCING SOURCES	409,783	0	0	0	0	0	0	0	0	409,783	360,966	0
TOTAL RECEIPTS	**$13,456,635**	**$531,552**	**$371,913**	**$15,259**	**$3,965,298**	**$1,039,402**	**$57,322**	**$41,293**	**$42,260**	**$19,520,933**	**$396,888**	**$16,054**
EXPENDITURES												
400 GENERAL GOVERNMENT	1,142,720	0	101,711	0	0	0	0	0	0	1,244,432	0	0
410 PUBLIC SAFETY	7,232,220	0	0	0	0	0	0	0	0	7,232,220	0	0
420 HEALTH & WELFARE	0	0	0	0	1,577,004	0	0	0	0	1,577,004	183,833	0
426 SANITATION & REFUSE	138,288	0	0	0	432,768	1,186,142	0	0	0	1,757,198	177,133	0
430 HIGHWAYS,ROADS & STREETS	1,834,625	0	543,872	4,981	0	0	0	0	0	2,383,479	0	0
450 CULTURE-RECREATION	833,047	0	1,399	0	0	0	0	0	30,909	865,355	0	12,480
460 CONSERVATION & DEVELOPMENT	2,280	0	0	0	0	0	0	0	0	2,280	0	0
470 DEBT SERVICE	64,200	0	0	0	766,518	0	0	0	0	830,718	0	0
480 MISCELLANEOUS EXPENDITURES	1,116,507	0	0	0	0	0	0	0	0	1,116,507	0	0
490 OTHER FINANCING USES	0	0	1,035	0	183,833	0	177,133	0	0	362,001	0	0
TOTAL EXPENDITURES	**$12,363,888**	**$0**	**$648,017**	**$4,981**	**$2,960,122**	**$1,186,142**	**$177,133**	**$0**	**$30,909**	**$17,371,193**	**$360,966**	**$12,480**
SURPLUS/(DEFICIT)	$1,092,748	$531,552	($276,105)	$10,278	$1,005,176	($146,740)	($119,811)	$41,293	$11,350	$2,149,740	$35,922	$3,574
MONTH ENDING BALANCE	$7,579,818	$532,808	$4,924,193	$547,141	$2,854,001	$136,354	$2,124,894	$1,847,456	$1,456,551	$22,003,215	$64,289	$605,051
CLEARING ACCOUNT ADJUSTMENTS	($129,664)									($129,664)		
ADJUSTED CASH BALANCE	**$7,450,154**	**$532,808**	**$4,924,193**	**$547,141**	**$2,854,001**	**$136,354**	**$2,124,894**	**$1,847,456**	**$1,456,551**	**$21,862,406**	**$64,289**	**$605,051**

EAST GOSHEN TOWNSHIP
MEMORANDUM

TO: BOARD OF SUPERVISORS

FROM: DANA GIEDER

SUBJECT: **PROPOSED PAYMENTS OF BILLS**

DATE: OCTOBER 15, 2026

Attached please find the Treasurer's Report for the weeks of October 1, 2026- October 15, 2026.

General Fund revenues during this reporting period were primarily received from Earned Income Tax (EIT) collections, Local Service Tax (LST) collections, transfer tax revenue, real estate tax collections, rental income, PURTA Tax, State Aid pension contribution, permit and alarm fees, Parks & Recreation registrations, and pavilion rentals.

General Fund expenditures included November monthly WEGO contribution, vehicle maintenance and repairs, highway materials, building maintenance and repairs, legal and engineering services, Parks & Recreation programs, events, and maintenance, insurance payments, and other routine operating expenses.

Capital Reserve Fund expenditures include $176,000 for the replacement of the District Court rooftop unit (RTU) and $103,000 for a R&S 15 Godwin AG aluminum dump body, hydraulic plow, and stainless steel under-tailgate salt spreader.

Infrastructure Sustainability Fund expenditures totaled $2,778.00 and included engineering services and replacement parts for the Burke zipline located in the township park.

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

*****NOTE: Board of Supervisor, Peter cannot vote on the proposed payment of bills because the General Fund expenditures include legal fees related to the preparation of documents concerning the title and deed issues for the Hicks property associated with the Paoli Pike Trail.

TREASURER'S REPORT
RECEIPTS AND BILLS

October 1, 2026- October 15, 2026

GENERAL FUND			
Real Estate Tax	$8,210.87	Accounts Payable	$503,436.50
Earned Income Tax	$28,787.76	Electronic Pmts:	
Local Service Tax	$501.46	Debt Service	$0.00
Transfer Tax	$83,894.84	Payroll	$224,464.74
General Fund Interest Earned	$0.00		
Total Other Revenue	$208,622.40		
Year End Transfer 2026	$0.00		
Total General Fund Receipts:	**$330,017.33**	**Total Expenditures:**	**$727,901.24**

STATE LIQUID FUELS FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Total State Liquid Fuels Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

CAPITAL RESERVE FUND			
Receipts	$0.00	Accounts Payable	$280,135.96
Interest Earned	$0.00		
Year End Transfer 2026	$0.00		
Total Capital Reserve Fund Receipts:	**$0.00**	**Total Expenditures:**	**$280,135.96**

TRANSPORTATION FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Total Transportation Fund Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

SEWER OPERATING FUND			
Receipts	$23,544.07	Accounts Payable	$44,203.35
Interest Earned	$0.00	Electronic Pmts:	
Year End Transfer 2026	$0.00	Debt Service	$0.00
Total Sewer Operating Fund Receipts:	**$23,544.07**	**Total Expenditures:**	**$44,203.35**

REFUSE FUND			
Receipts	$4,997.78	Accounts Payable	$99,632.49
Interest Earned	$0.00		
Total Refuse Fund Receipts:	**$4,997.78**	**Total Expenditures:**	**$99,632.49**

BOND FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Total Bond Fund Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

SEWER CAPITAL RESERVE FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Year End Transfer 2026	$0.00		
Total Sewer Capital Reserve Fund Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

OPERATING RESERVE FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Total Operating Reserve Fund Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

INFRASTRUCTURE SUSTAINABILITY FUND			
Receipts	$0.00	Accounts Payable	$2,778.00
Interest Earned	$0.00		
Total Infrastructure Sustainability Fund Receipts:	**$0.00**	**Total Expenditures:**	**$2,778.00**

ARPA - COVID RELIEF FUND			
Receipts	$0.00	Accounts Payable	$0.00
Interest Earned	$0.00		
Total ARPA - COVID Relief Fund Receipts:	**$0.00**	**Total Expenditures:**	**$0.00**

East Goshen Township
Purchase Order Listing By Expenditure Account

10/14/2026
12:06 PM

Ranges	Item Status	Purchase Types	Misc
Range: *6014000000 to 6199999999* ***Rcvd Batch Id Range:*** *First to Last* ***Paid Date Range:*** *10/01/26 to 10/15/26*	***Open:*** *N* ***Void:*** *N* ***Paid:*** *Y* ***Held:*** *N* ***Aprv:*** *N* ***Rcvd:*** *N*	***Bid:*** *Y* ***State:*** *Y* ***Other:*** *Y* ***Exempt:*** *Y*	***P.O. Type:*** *All* ***Format:*** *Detail without Line Item Notes* ***Include Non-Budgeted:*** *Y* ***Prior Year Only:*** *N* **** Means Prior Year Line:*** ***Vendors:*** *All* ***DEPT Page Break:*** *No* ***Subtotal DEPT:*** *No*

Expenditure Account *Description*

P.O. Id	*Item*	*Vendor Id*	*Vendor Name*	*Item Description*	*Amount*	*Stat/Chk*	*First Enc Date*	*Rcvd Date*	*Chk/Void Date*	*Invoice*	*PO Type*
01-401-2100			MATERIALS & SUPPLIES								
26-02260	1	WBMAS005	W.B.MASON CO.,INC.	COFFEE MATE CREAMER	$46.18	P 28817	10/07/26	10/07/26	10/07/26	264694940	
01-401-3000			GENERAL EXPENSE								
26-02218	1	PENNS035	PENNSYLVANIA STATE POLICE	BACKGROUND CHECK- M. MARTIN	$22.00	P 28800	10/05/26	10/05/26	10/05/26	R35831827	
26-02218	2	PENNS035	PENNSYLVANIA STATE POLICE	BACKGROUND CHECK- A. DOWNER	$22.00	P 28800	10/05/26	10/05/26	10/05/26	R35831828	
					$44.00						
01-401-3210			COMMUNICATION EXPENSE								
26-02220	1	GRAFF005	GRAFFEN BUSINESS SYSTEMS, INC	OCT 2026 VOIP PHONE SERVICE	$774.37	P 28792	10/05/26	10/05/26	10/05/26	INV-001197	
26-02287	1	COMCA005	COMCAST 8499-10-109-0028306	0028306 OCTOBER 2026	$303.34	P 718	10/08/26	10/08/26	10/09/26	092226	
26-02300	1	TWPFI005	VERIZON - TWP.FIOS 0001-74	9/28/26- 10/27/26 TWP FIOS 1	$109.99	P 721	10/08/26	10/08/26	10/09/26	092726	
					$1,187.70						
01-401-3410			ABC APPRECIATION EVENT								
26-02222	1	SEROC005	SEROCK, JOHN CATERING	CATERING FOR THE ABC APPRECIAT	$5,985.65	P 28802	10/05/26	10/05/26	10/05/26	092926- ABC	
26-02223	1	PETTY005	PETTY CASH	ABC APPRECIATION EVENT TIP FOR	$750.00	P 28801	10/05/26	10/05/26	10/05/26	093026	
					$6,735.65						
01-401-3840			RENTAL OF EQUIP. -OFFICE								
26-02267	1	GREAT010	GREAT AMERICA FINANCIAL SERVIC	OCTOBER 2026 LANIER & RICOH	$218.00	P 748	10/07/26	10/07/26	10/07/26	43118178	
01-404-3140			LEGAL - ADMIN								
26-02249	1	PC000005	LAMB MCERLANE PC	LEGAL SERV AUG 2026 HICKS-PREP	$471.25	P 28813	10/07/26	10/07/26	10/07/26	410770	

East Goshen Township
Purchase Order Listing By Expenditure Account

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
Expenditure Account			*Description*								
01-408-3130			ENGINEERING SERVICES								
26-02228	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 GEN CONSULT	$821.00	P 28799	10/05/26	10/05/26	10/05/26	1343240	
01-408-3131			ENGINEER.& MISC.RECHARGES								
26-02229	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 ACERO,1380 EN	$124.50	P 28799	10/05/26	10/05/26	10/05/26	1343241	
26-02230	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 MILLSTONE MEA	$1,088.50	P 28799	10/05/26	10/05/26	10/05/26	1343242	
26-02231	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 301 RESERVOIR	$241.00	P 28799	10/05/26	10/05/26	10/05/26	1343243	
26-02232	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 WCU FOUNDATIO	$41.50	P 28799	10/05/26	10/05/26	10/05/26	1343244	
26-02233	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 COMCAST,1354	$332.00	P 28799	10/05/26	10/05/26	10/05/26	1343245	
26-02234	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 971 CORNWALLI	$367.50	P 28799	10/05/26	10/05/26	10/05/26	1343246	
26-02236	1	PENNO005	PENNONI ASSOCIATES INC.	SERV THRU 083026 WOODWORTH,157	$207.50	P 28799	10/05/26	10/05/26	10/05/26	1343248	
					$2,402.50						
01-409-3600			TWP. BLDG. - FUEL, LIGHT, WATER								
26-02271	1	PECO0045	PECO - 5540052222	5540052222 9/1-10/2/26 BOOT	$95.25	P 753	10/07/26	10/07/26	10/07/26	100526	
26-02273	1	PECO7005	PECO - 7898928000	7898928000 8/27-9/29/26 0 BOOT	$51.57	P 756	10/07/26	10/07/26	10/07/26	093026	
26-02274	1	PECO1010	PECO - 1138974000	1138974000 8/27-9/29 TWP BLDG	$3,088.87	P 754	10/07/26	10/07/26	10/07/26	093026	
26-02280	1	PECO3005	PECO - 3598108000	3598108000 8/27-9/29 BLACKSMIT	$88.55	P 755	10/07/26	10/07/26	10/07/26	093026	
26-02306	1	PECO5020	PECO - 5184333000	5184333000 8/27-9/29BOOTRD,HIS	$51.13	P 758	10/13/26	10/13/26	10/13/26	093026	
					$3,375.37						
01-409-3605			PW BLDG - FUEL,LIGHT,SEWER & WATER								
26-02268	2	PECO0015	PECO - 8512154000	8512154000 8/21/26- 9/23/26	$901.46	P 750	10/07/26	10/07/26	10/07/26	092426	
01-409-3740			TWP. BLDG. - MAINT & REPAIRS								
26-02219	1	SPECI010	SPECIALIZED ELEVATOR CORP	ELEVATOR MAINTENANCE OCT 2026	$72.14	P 28803	10/05/26	10/05/26	10/05/26	538144	
26-02226	1	JASPE005	JASPER PEST CONTOL, LLC	SIGNAL LIGHTS RODENT SERVICE	$275.00	P 28795	10/05/26	10/05/26	10/05/26	26158	
26-02261	1	CLEAN015	CLEAN RIGHT BUILDING SERVICES	JANITORIAL SERV SEPT 2026	$1,375.00	P 28808	10/07/26	10/07/26	10/07/26	CL12438	
26-02261	3	CLEAN015	CLEAN RIGHT BUILDING SERVICES	TWP BLDG- CARPET & VCT FLOORS	$1,230.00	P 28808	10/07/26	10/07/26	10/07/26	CL12438	
					$2,952.14						
01-409-3745			PW BUILDING - MAINT REPAIRS								
26-02293	1	JGALL005	J.GALLAGHER SEPTIC & WATER	SEPTIC PUMP STATION- TWP BLDG	$345.00	P 722	10/08/26	10/08/26	10/09/26	2603973	
01-409-3840			DISTRICT COURT EXPENSES								

East Goshen Township
Purchase Order Listing By Expenditure Account

Expenditure Account *Description*

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-409-3840			DISTRICT COURT EXPENSES	*Account Continued*							
26-02261	2	CLEAN015	CLEAN RIGHT BUILDING SERVICES	JANITORIAL SERV SEPT 2026	$808.00	P 28808	10/07/26	10/07/26	10/07/26	CL12438	
26-02268	1	PECO0015	PECO - 8512154000	8512154000 8/21/26- 9/23/26	$47.87	P 750	10/07/26	10/07/26	10/07/26	092426	
					$855.87						
01-410-5300			POLICE GEN.EXPENSE								
26-02265	1	WESTT010	WESTTOWN-EAST GOSHEN POLICE	NOVEMBER 2026 CONTRIBUTION	$403,203.36	P 28818	10/07/26	10/07/26	10/07/26	110126	
01-410-5400			S.P.C.A. CONTRACT								
26-02264	1	SPCA0005	BRANDYWINE VALLEY SPCA	STRAY/PICKUP ACTIV. SEPT 2026	$2,649.92	P 28815	10/07/26	10/07/26	10/07/26	SEP26-08	
01-411-3630			HYDRANT & WATER SERVICE								
26-02254	1	AQUAP025	AQUA PA - HY	310033 0310033 8/31-9/30 189	$6,015.53	P 28806	10/07/26	10/07/26	10/07/26	100126 279	
26-02255	1	AQUAP025	AQUA PA - HY	348603 348603 6/30-9/30/26 HM	$3,299.13	P 28806	10/07/26	10/07/26	10/07/26	100126 HM	
26-02256	1	AQUAP025	AQUA PA - HY	310033 0706109 6/30-9/30 HY20	$1,940.66	P 28806	10/07/26	10/07/26	10/07/26	100126 HY20	
26-02257	1	AQUAP025	AQUA PA - HY	309987 0309987 8/31-9/30 HY6	$194.07	P 28806	10/07/26	10/07/26	10/07/26	100126 HY6	
					$11,449.39						
01-411-3631			HYDRANTS - RECHARGE EXPENSE								
26-02254	2	AQUAP025	AQUA PA - HY	310033 0310033 8/31-9/30 93	$3,008.55	P 28806	10/07/26	10/07/26	10/07/26	100126 279	
01-411-6000			VOLUNTEER FIREFIGHTER WORKERS COMP								
26-02250	1	STATE005	STATE WORKERS INSURANCE FUND	POLICY#05918452 INSTL 10 OF 10	$3,334.00	P 28816	10/07/26	10/07/26	10/07/26	100126	
01-413-3130			ENGINEERING SERVICES								
26-02252	1	ARROC005	ARRO CONSULTING INC.	PROF SERVICES THRU 100226	$4,275.53	P 28807	10/07/26	10/07/26	10/07/26	0124469	
01-413-3840			RENTAL OF EQUIP. -CODES								
26-02267	2	GREAT010	GREAT AMERICA FINANCIAL SERVIC	OCTOBER 2026 LANIER & RICOH	$116.00	P 748	10/07/26	10/07/26	10/07/26	43118178	
01-414-3141			LEGAL - ZONING HEARING BOARD								
26-02237	1	FREES005	UNRUH TURNER BURKE FREES	LEGAL SERV 8/31-9/10/26 VILLAG	$1,446.08	P 28791	10/05/26	10/05/26	10/05/26	238809	

East Goshen Township
Purchase Order Listing By Expenditure Account

Expenditure Account *Description*

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-430-2320			VEHICLE OPERATION - FUEL								
26-02296	1	RHOAD010	RHOADS ENERGY	944.8 GALS DIESEL	$4,817.06	P 720	10/08/26	10/08/26	10/09/26	25687700	
26-02297	1	RHOAD010	RHOADS ENERGY	775.8 GALS DIESEL	$3,998.09	P 720	10/08/26	10/08/26	10/09/26	25690470	
26-02298	1	RHOAD010	RHOADS ENERGY	169.0 GALS GASOLINE	$584.15	P 720	10/08/26	10/08/26	10/09/26	25687643	
26-02308	1	WEXBA005	WEX BANK	FUEL PURCHASE 093026 M.VITANZA	$13.98	P 759	10/13/26	10/13/26	10/13/26	115535652	
26-02308	2	WEXBA005	WEX BANK	REBATE CREDIT 083126	3.73-	P 759	10/13/26	10/13/26	10/13/26	114846005	
					$9,409.55						
01-430-2325			MAINTENANCE AND REPAIRS - FUEL TANK								
26-02225	1	ELDRE005	ELDREDGE, INC.	COLLECTION SERVICE- OIL 092326	$100.00	P 28789	10/05/26	10/05/26	10/05/26	013341-IN	
26-02285	1	COLLI010	COLLIFLOWER INC.	FUEL SWIVL, FUEL BREAKWAY	$550.98	P 716	10/08/26	10/08/26	10/09/26	03135930	
					$650.98						
01-430-2330			VEHICLE MAINT AND REPAIR								
26-02215	1	KEENC005	KEEN COMPRESSED GAS COMPANY	VARIOUS GAS CYLINDERS	$98.40	P 28796	10/05/26	10/05/26	10/05/26	0083600048	
26-02216	1	HUNTE010	HUNTER TRUCK SALES & SERVICE	TK # 51 AIR & FUEL FILTERS	$404.43	P 28794	10/05/26	10/05/26	10/05/26	Y201237777:01	
Tracking Id: TK51- 2024 TK # 51 2024 KENWORTH T480 2NK5LJ0X1RM385938											
26-02240	1	KENTA005	KENT AUTOMOTIVE	LITHIUM BATTERY, BATTERY CABLE	$541.40	P 28797	10/05/26	10/05/26	10/05/26	9313839512	
26-02240	2	KENTA005	KENT AUTOMOTIVE	EARLY PAY DISCOUNT	5.40-	P 28797	10/05/26	10/05/26	10/05/26	9313839512	
26-02241	1	STTCS005	STTC SERVICE TIRE TRUCK CTRS	LOADER- FLAT REPAIR	$547.48	P 28805	10/05/26	10/05/26	10/05/26	26-1325103-004	
26-02259	1	LITTL005	LITTLE INC., ROBERT E.	50E CHAIN LOOP, CHAIN SAW SERV	$421.90	P 28810	10/07/26	10/07/26	10/07/26	03-1297360	
26-02302	1	COLLI010	COLLIFLOWER INC.	UNION, BULKHEAD UNION	$40.46	P 717	10/09/26	10/09/26	10/09/26	03152892	
26-02302	2	COLLI010	COLLIFLOWER INC.	EARLY PAY DISCOUNT	0.40-	P 717	10/09/26	10/09/26	10/09/26	03152892	
					$2,048.27						
01-430-2600			MINOR EQUIP. PURCHASE								
26-02243	1	FOLEY005	FOLEY INC.	B6S HAMMER,B6 HAMMER BRACKET	$10,454.70	P 28790	10/05/26	10/05/26	10/05/26	INV0879286	
01-437-2460			GENERAL EXPENSE - SHOP								
26-02266	1	LOWES005	LOWES BUSINESS ACCOUNT/GECF	VARIOUS PURCHASES- SEE NOTES	$63.57	P 749	10/07/26	10/07/26	10/07/26	091726	
26-02266	2	LOWES005	LOWES BUSINESS ACCOUNT/GECF	VARIOUS PURCHASES- SEE NOTES	$82.83	P 749	10/07/26	10/07/26	10/07/26	091726	
					$146.40						

East Goshen Township
Purchase Order Listing By Expenditure Account

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
Expenditure Account			*Description*								
01-438-2450			MATERIALS & SUPPLIES-HIGHWAYS								
26-02210	1	MAINL010	MAIN LINE CONCRETE	2 YD CONCRETE 4000 PSI & DELIV	$630.00	P 28798	10/05/26	10/05/26	10/05/26	573843	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02262	1	HIGHW005	HEIDELBERG MATERIALS	40.01 TONS W BDR 19 .3<30 58S2	$2,822.71	P 28809	10/07/26	10/07/26	10/07/26	6800130319	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
					$3,452.71						
01-438-2455			MATER. & SUPPLY-RESURFAC.								
26-02211	1	ASPHA005	ASPHALT CARE EQUIPMENT AND SUP	BULK TACL KOTE SEALER PTC COMP	$1,104.24	P 28787	10/05/26	10/05/26	10/05/26	187341	
01-438-2460			TREE REMOVAL								
26-02213	1	HARLA010	HARLAN TREE SERVICE	DEBRIS REMOVAL IN ROADWAY-MILL	$3,800.00	P 28793	10/05/26	10/05/26	10/05/26	7574	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
01-438-3845			EQUIP. RENTAL -RESURFAC.								
26-02224	1	FOLEY005	FOLEY INC.	CAT 279D3 TRACK LOADER RENTAL	$2,425.00	P 28790	10/05/26	10/05/26	10/05/26	INV0881946	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02227	1	FOLEY005	FOLEY INC.	CAT CB13 ASPHALT COMPACTOR	$2,025.00	P 28790	10/05/26	10/05/26	10/05/26	INV0880894	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02242	1	FOLEY005	FOLEY INC.	NO KEY RETURNED FEE	$15.00	P 28790	10/05/26	10/05/26	10/05/26	INV0879263	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02244	1	FOLEY005	FOLEY INC.	CAT 289D3 TRACK LOADER RENTAL	$2,425.00	P 28790	10/05/26	10/05/26	10/05/26	INV0879216	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02245	1	FOLEY005	FOLEY INC.	CAT D5K2XL SM TRACK TRACTOR	$3,825.00	P 28790	10/05/26	10/05/26	10/05/26	INV0879236	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
26-02258	1	MASTR005	MASTROCOLA HAULING	LOWBOY RENT 091526 MOVED EQUIP	$450.00	P 28811	10/07/26	10/07/26	10/07/26	20453	
Tracking Id: LIQFUEL LIQUID FUEL PURCHASES											
					$11,165.00						
01-452-3000			GENERAL EXPENSE								
26-02248	1	MYREC005	MYRECDEPT.COM RB PRODUCTIONS I	MYREC P&R SYSTEM 11/26-10/2026	$5,050.00	P 28812	10/07/26	10/07/26	10/07/26	03218957S	
26-02266	3	LOWES005	LOWES BUSINESS ACCOUNT/GECF	VARIOUS PURCHASES- SEE NOTES	$115.98	P 749	10/07/26	10/07/26	10/07/26	091726	
					$5,165.98						

East Goshen Township
Purchase Order Listing By Expenditure Account

Expenditure Account	Description

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
01-454-3600			UTILITIES								
26-02269	1	PECO0030	PECO - 6957754000	6957754000 8/21-9/23 RESTROOM	$65.29	P 752	10/07/26	10/07/26	10/07/26	092426	
26-02270	1	PECO0025	PECO - 0158016000	0158016000 8/26-9/28/26 POND	$49.72	P 751	10/07/26	10/07/26	10/07/26	093026	
26-02291	1	COMCA100	COMCAST 8499 10 109 0170322	0170322 10/1-10/31 PARK CAMERA	$124.90	P 719	10/08/26	10/08/26	10/09/26	092626	
26-02304	1	PECO5015	PECO - 5612868000	5612868000 8/27-9/29 MONTE VIS	$189.92	P 757	10/13/26	10/13/26	10/13/26	093026	
					$429.83						
01-486-1560			HEALTH,ACCID. & LIFE								
26-02238	1	STAND005	STANDARD INSURANCE CO., THE	OCTOBER 2026 PREMIUM	$5,769.89	P 28804	10/05/26	10/05/26	10/05/26	091426	
			Fund Total:		**$503,436.50**						
03-409-7452			CAP REPLACEMENT SUBSTATION/D.COURT								
26-02247	1	HIRSC005	HIRSCHBERG MECHANICAL LLC	DISTRICT COURT RTU REPLACEMENT	$176,400.00	P 1711	10/07/26	10/07/26	10/07/26	100126-EGOST003	
03-430-7400			CAPITAL REPLACEMENT - HWY EQUIP								
26-02239	1	GRAPH010	PRECISION GRAPHIX	CODES EXPLORER LETTERING	$747.96	P 1709	10/05/26	10/05/26	10/05/26	260437	
26-02246	1	INTER005	INTERCON TRUCK EQUIPMENT	TK# 54 R&S 15 GODWIN ALMN BODY	$102,988.00	P 1710	10/05/26	10/05/26	10/05/26	1122308-IN	
Tracking Id: TK54- 2027 TK # 54 2027 KENWORTH T480 1NK5LJ0X7VJ238959											
					$103,735.96						
			Fund Total:		**$280,135.96**						
05-420-3600			C.C. METERS - UTILITIES								
26-02275	1	PECO1005	PECO - 1850703000	1850703000 8/27-9/29 WILSON AI	$6.71	P 720	10/07/26	10/07/26	10/07/26	093026	
26-02277	1	PECO5005	PECO - 8279183000	8279183000 8/27-9/29 0 PAOLI P	$6.71	P 721	10/07/26	10/07/26	10/07/26	093026	
26-02286	1	COMCA045	COMCAST 8499-10-109-0166205	0166205 9/21-10/20 THORNCROFT	$299.11	P 1086	10/08/26	10/08/26	10/09/26	091626	
					$312.53						
05-420-3602			C.C. COLLECTION -UTILITIES								
26-02272	1	PECO6010	PECO - 6928226000	6928226000 8/27-9/29 GREENHILL	$483.26	P 725	10/07/26	10/07/26	10/07/26	093026	
26-02279	1	PECO6005	PECO - 6488315000	6488315000 8/27-9/29 WILSON RD	$6.71	P 724	10/07/26	10/07/26	10/07/26	093026	

East Goshen Township
Purchase Order Listing By Expenditure Account

Expenditure Account *Description*

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
05-420-3602			C.C. COLLECTION -UTILITIES	*Account Continued*							
26-02290	1	COMCA040	COMCAST 8499-10-085-0054593	0054593 9/28-10/27/26 HERSHEY	$299.11	P 1085	10/08/26	10/08/26	10/09/26	092326	
26-02305	1	PECO4010	PECO - 4541956000	4541956000 8/27-9/29 WESTTOWN	$16.40	P 727	10/13/26	10/13/26	10/13/26	093026	
					$805.48						
05-420-3603			ASHBRIDGE - UTILITIES RECHARGE								
26-02289	1	COMCA035	COMCAST 8499-10-109-0165934	0165934 9/28-10/27/26 ASHBRIDG	$299.11	P 1084	10/08/26	10/08/26	10/09/26	092326	
05-420-3604			MILL VAL./BARKWAY UTILITIES								
26-02278	1	PECO5010	PECO - 5705362222	5705362222 8/27-9/29 BARKWAY	$274.55	P 722	10/07/26	10/07/26	10/07/26	093026	
26-02288	1	COMCA030	COMCAST 8499-10-085-0054585	0054585 9/28-10/27 BARKWAY	$299.11	P 1083	10/08/26	10/08/26	10/09/26	092326	
					$573.66						
05-420-3702			C.C. COLLEC.-MAINT.& REPR.								
26-02295	1	PENND005	PENNDOT	ANNUAL BRIDGE OCCUP. LICENSE	$12.60	P 1089	10/08/26	10/08/26	10/09/26		
05-422-2440			R.C. STP- CHEMICALS								
26-02212	1	MAINP005	MAIN POOL & CHEMICAL COMP. INC	750 GALS ALMN SULFATE 48%	$1,665.00	P 5095	10/05/26	10/05/26	10/05/26	6119392	
05-422-3600			R.C STP -UTILITIES								
26-02276	1	PECO5025	PECO - 5901441222	5901441222 8/28-9/29 RCSTP	$11,094.95	P 723	10/07/26	10/07/26	10/07/26	093026	
26-02299	1	FIOS0005	VERIZON - PW FIOS 0001-15	9/28/26-10/27/26 PW FIOS	$54.00	P 1087	10/08/26	10/08/26	10/09/26	092726	
					$11,148.95						
05-422-3601			R.C. COLLEC.-UTILITIES								
26-02251	1	MODEM005	VERIZON - 442069312 MODEMS	8/26/26- 9/25/26 MODEMS	$140.16	P 5098	10/07/26	10/07/26	10/07/26	61454313835	
26-02307	1	PECO5030	PECO - 5490495000	5490495000 8/27-9/29 THORNCRFT	$145.91	P 728	10/13/26	10/13/26	10/13/26	093026	
					$286.07						
05-422-3700			R.C. STP-MAINT.& REPAIRS								
26-02292	1	JGALL005	J.GALLAGHER SEPTIC & WATER	SEPTIC PUMP STATION- RCSTP	$720.00	P 1088	10/08/26	10/08/26	10/09/26	2603877	
05-422-3701			R.C. COLLEC.-MAINT.& REPR								
26-02294	1	JGALL005	J.GALLAGHER SEPTIC & WATER	SEPTIC PUMP STATION- THORNCRFT	$300.00	P 1088	10/08/26	10/08/26	10/09/26	2603344	
26-02301	1	JGALL005	J.GALLAGHER SEPTIC & WATER	SEPTIC PUMP STATION- THORNCRFT	$300.00	P 1088	10/09/26	10/09/26	10/09/26	2603833	
					$600.00						

East Goshen Township
Purchase Order Listing By Expenditure Account

P.O. Id	Item	Vendor Id	Vendor Name	Item Description	Amount	Stat/Chk	First Enc Date	Rcvd Date	Chk/Void Date	Invoice	PO Type
Expenditure Account			*Description*								
05-422-4500			R.C. STP-CONTRACTED SERV.								
26-02217	1	SUBUR010	SPL, INC- READING	LABTESTINH RCSTP SEPT 2026	$1,980.00	P 5096	10/05/26	10/05/26	10/05/26	6038P2603224	
26-02303	1	BIGFI005	BIG FISH ENVIRONMENTAL SERVICE	SERVICES RE: RCSTP- SEPT 2026	$22,936.84	P 726	10/13/26	10/13/26	10/13/26	26-0930	
					$24,916.84						
05-422-4502			R.C. SLUDGE-LAND CHESTER								
26-02284	1	CCSOL005	C.C. SOLID WASTE AUTHORITY	WEEK 9/8/2026- 9/15/2026	$1,218.05	P 1082	10/08/26	10/08/26	10/09/26	79908	
05-429-3100			ADMIN.- PROFESSIONAL SERV								
26-02253	1	AQUAP005	AQUA PA - R	SEWER READS 7/- 9/30/26- COMM	$33.25	P 5097	10/07/26	10/07/26	10/07/26	49-6993099	
05-429-3250			ADMIN.- POSTAGE								
26-02281	1	USPOS005	US POSTMASTER	RES UTILITY BILLS 4TH QTR 2026	$1,525.23	P 5099	10/08/26	10/08/26	10/08/26	100826	
26-02282	1	USPOS005	US POSTMASTER	COMM UTILITY BILLS 4TH QTR2026	$86.58	P 5099	10/08/26	10/08/26	10/08/26	100826- COMM	
					$1,611.81						
			Fund Total:		**$44,203.35**						
06-427-3250			POSTAGE								
26-02281	2	USPOS005	US POSTMASTER	RES UTILITY BILLS 4TH QTR 2026	$1,525.23	P 959	10/08/26	10/08/26	10/08/26	100826	
06-427-4500			CONTRACTED SERV.								
26-02283	1	AJBAJ005	AJB A.J. BLOSENSKI INC.	RESIDENTIAL PICKUP OCT 2026	$88,162.22	P 821	10/08/26	10/08/26	10/09/26	2932553W360	
06-427-4502			LANDFILL FEES								
26-02284	2	CCSOL005	C.C. SOLID WASTE AUTHORITY	WEEK 9/8/2026- 9/15/2026	$9,945.04	P 822	10/08/26	10/08/26	10/09/26	79908	
			Fund Total:		**$99,632.49**						
12-454-3727			HERSHEY MILL POND REHAB								
26-02235	1	PENNO005	PENNONI ASSOCIATES INC.	SRV THRU 083026 HERS. MIL SWM	$811.00	P 1360	10/05/26	10/05/26	10/05/26	1343247	
12-454-3740			PARK MAINTENANCE & REPAIR								
26-02214	1	RECRE005	RECREATION RESOURCE INC	BURKE ZIPLINE PULLEY PARTS	$1,967.00	P 1361	10/05/26	10/05/26	10/05/26	26-166	
			Fund Total:		**$2,778.00**						

East Goshen Township
Purchase Order Listing By Expenditure Account

Expenditure Account *Description*

P.O. Id	*Item*	*Vendor Id*	*Vendor Name*	*Item Description*	*Amount*	*Stat/Chk*	*First Enc Date*	*Rcvd Date*	*Chk/Void Date*	*Invoice*	*PO Type*

Total Charged Lines: 110 Total List Amount: $930,186.30 Total Void Amount: $0.00

East Goshen Township
Purchase Order Listing By Expenditure Account

Totals by Year-Fund

Fund Description	Fund	Expend Total
	6-01	$503,436.50
	6-03	$280,135.96
	6-05	$44,203.35
	6-06	$99,632.49
	6-12	$2,778.00
Total Of All Funds:		$930,186.30

Total Board Approval:	$930,186.30

Memo

To: Board of Supervisors
From: Kelly Brophy, Director of Finance
Re: Proposed Sewer Rate Increase
Date: October 20, 2026

This memo presents three potential sewer rate increase options 5%, 7.5%, and 10% for the Board's consideration. The Municipal Authority is scheduled to review the options the evening before the Board of Supervisors meeting. The final recommendation will reflect the Municipal Authority's direction and will be provided to the Board at that time.

For planning purposes, the estimated additional annual sewer fee revenue is shown as a range for each option. These preliminary estimates are based on the prior revenue estimate and assume usage and collections remain generally consistent. Actual revenue will vary, and the figures should be treated as approximate rather than a final projection.

The attached projection reflects the 5% scenario only, with the combined Sewer Operating and Sewer Capital Reserve Funds projected at approximately $3.64 million at the end of 2026 and $1.49 million at the end of 2032. These balances should not be interpreted as projections for the 7.5% or 10% options. Additional rate adjustments or changes to capital spending may be needed in future years as the Township's long-term capital needs become clearer.

Proposed Rate Options

	Current	5% Increase	7.5% Increase	10% Increase
Fixed quarterly charge	$60.61	$63.64	$65.16	$66.67
Variable charge / 1,000 gallons	$12.00	$12.60	$12.90	$13.20

A comparison of current sewer rates charged by surrounding municipalities will also be provided to the Board for regional context.

Recommended motion: I make the motion that we approve a ___% increase to the Township's sewer rates, adjusting the quarterly fixed charge and variable charge per 1,000 gallons as shown in the selected option above, effective with the first quarterly billing of 2027.

What a 5% Sewer Rate Increase Provides

Proposed one-time increase to the fixed and variable sewer rates

Fixed Quarterly Rate

$60.61 → $63.64

Increase of $3.03 per quarter

Variable Rate

$12.00 → $12.60

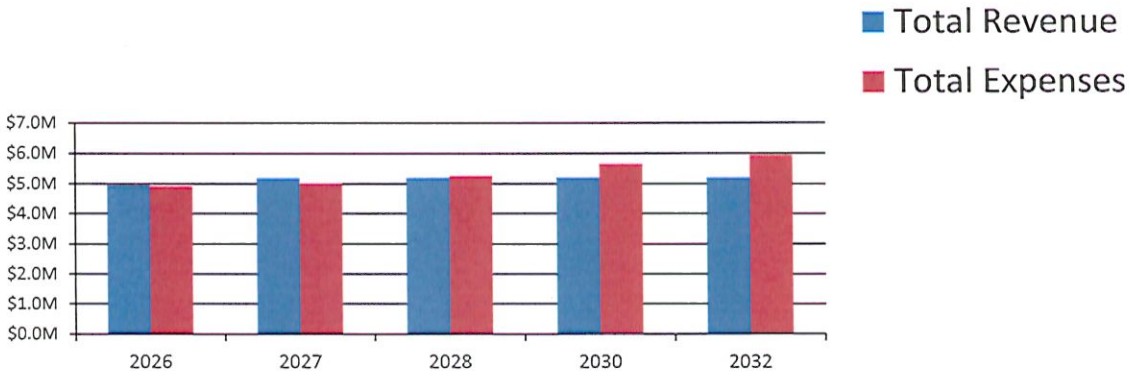
Increase of $0.60 per 1,000 gallons

Potential Additional Annual Sewer Fees

≈ $243,000

Estimated maximum additional annual sewer-fee revenue if fully collected

Projected Sewer Revenue vs. Expenses



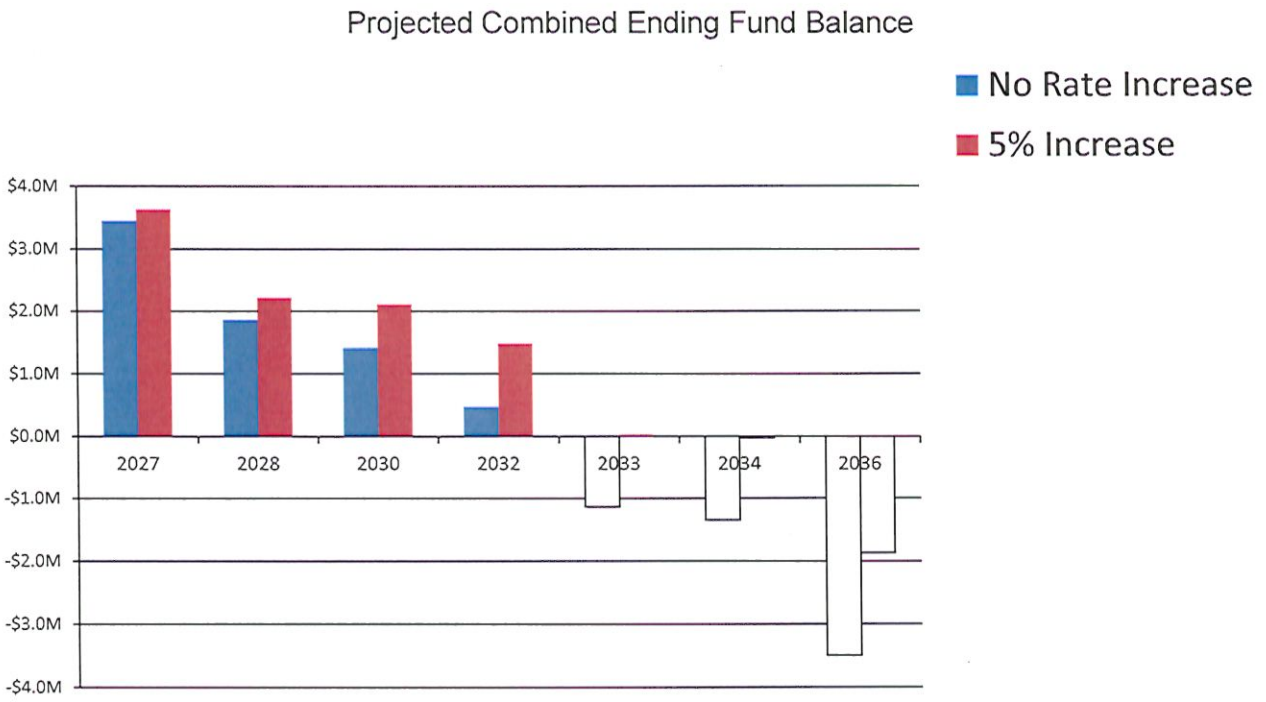
The key point

It helps fund ongoing operations, debt service and capital needs.

It improves the financial position, but does not eliminate the long-term funding challenge.

What Happens Without a Rate Increase?

Comparison of projected combined Sewer Operating + Sewer Capital Reserve balances



End of 2032

$1.4M vs. $0.48M

≈ $1M better with 5% increase

First Negative Year

2033 vs. 2034

5% increase pushes the crossover back

End of 2036

($1.9M) vs. ($3.5M)

≈ $1.6M difference

A 5% increase does not solve the long-term funding need — it gives the Township additional time and improves the financial position.

Combined Sewer Operating Sewer Reserve Fund Balance Projection: No Sewer Rate Increase

Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 1,901,492	$ 1,669,248	$ 1,334,209	$ 726,421	$ 3,448	$ (876,439)	$ (1,434,062)	$ (2,132,742)	$ (3,062,285)
REVENUE													
INTEREST EARNINGS	05-341-1000	$ 65,742	$ 47,185	$ 47,798	$ 48,420	$ 49,049	$ 49,687	$ 50,333	$ 50,987	$ 51,650	$ 52,321	$ 53,001	$ 53,690
REVENUE - SEWER FEES	05-364-1000	$ 4,834,829	$ 4,800,864	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275	$ 4,863,275
REVENUE - SEWER PENALTIES	05-364-1010	$ 41,127	$ 30,000	$ 30,390	$ 30,785	$ 31,185	$ 31,591	$ 32,001	$ 32,417	$ 32,839	$ 33,266	$ 33,698	$ 34,136
REVENUE - LIEN PAYMENTS	05-364-1025	$ 30,171	$ 16,000	$ 16,208	$ 16,419	$ 16,632	$ 16,848	$ 17,067	$ 17,289	$ 17,514	$ 17,742	$ 17,972	$ 18,206
REVENUE - SEWER CERTIFICATION FEES	05-364-1030	$ 3,780	$ 2,250	$ 2,279	$ 2,309	$ 2,339	$ 2,369	$ 2,400	$ 2,431	$ 2,463	$ 2,495	$ 2,527	$ 2,560
REVENUE - WG CONVEYANCE FEE	05-364-1040	$ -	$ 40,000	$ 40,520	$ 41,047	$ 41,580	$ 42,121	$ 42,668	$ 43,223	$ 43,785	$ 44,354	$ 44,931	$ 45,515
ADMIN.COST FROM WESTTOWN	05-364-1060	$ 3,854	$ 6,500	$ 3,904	$ 3,955	$ 4,007	$ 4,059	$ 4,112	$ 4,165	$ 4,219	$ 4,274	$ 4,330	$ 4,386
O&M FEES FOR BARKWAY PUMP STATION	05-364-1070	$ 28,127	$ 25,000	$ 26,750	$ 28,623	$ 30,626	$ 32,770	$ 35,064	$ 37,518	$ 40,145	$ 42,955	$ 45,961	$ 49,179
O&M FEES FOR ASHBRIDGE PUMP STATION	05-364-1080	$ 3,409	$ 5,000	$ 5,350	$ 10,700	$ 11,449	$ 12,251	$ 13,108	$ 14,026	$ 15,007	$ 16,058	$ 17,182	$ 18,385
MISC SEWER REVENUE/FROM SEWER RESRV	05-380-1000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SEWER INSURANCE CLAIMS	05-391-2000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
REIMB.PRINC.&INTEREST M.A	05-392-0710	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL REVENUE		$ 5,011,039	$ 4,972,798	$ 5,036,475	$ 5,045,532	$ 5,050,142	$ 5,054,970	$ 5,060,028	$ 5,065,332	$ 5,070,896	$ 5,076,739	$ 5,082,878	$ 5,089,332
CHESTER CREEK EXPENSES													
C.C. METERS -WAGES	05-420-1400	$ 2,202	$ 2,268	$ 2,381	$ 2,500	$ 2,625	$ 2,757	$ 2,895	$ 3,039	$ 3,191	$ 3,351	$ 3,518	$ 3,694
C.C. INTERCEPTOR - WAGES	05-420-1401	$ 27,451	$ 26,031	$ 27,332	$ 28,699	$ 30,134	$ 31,641	$ 33,223	$ 34,884	$ 36,628	$ 38,459	$ 40,382	$ 42,401
C.C. COLLECTION - WAGES	05-420-1402	$ 38,695	$ 32,062	$ 33,665	$ 35,348	$ 37,115	$ 38,971	$ 40,920	$ 42,966	$ 45,114	$ 47,370	$ 49,738	$ 52,225
C.C. COLLECTION - WAGES - I&I	05-420-1404	$ 19,188	$ 19,764	$ 20,752	$ 21,789	$ 22,879	$ 24,023	$ 25,224	$ 26,485	$ 27,809	$ 29,200	$ 30,660	$ 32,193
ASHBRIDGE WAGES	05-420-1405	$ 21,363	$ 21,136	$ 22,193	$ 23,303	$ 24,468	$ 25,691	$ 26,976	$ 28,325	$ 29,741	$ 31,228	$ 32,789	$ 34,429
MILL VALLEY - WAGES	05-420-1406	$ 21,199	$ 20,734	$ 21,771	$ 22,860	$ 24,003	$ 25,203	$ 26,463	$ 27,786	$ 29,175	$ 30,634	$ 32,166	$ 33,774
C.C. METERS -VEHICLE OPER.	05-420-2510	$ 1,956	$ 2,529	$ 2,656	$ 2,789	$ 2,928	$ 3,074	$ 3,228	$ 3,390	$ 3,559	$ 3,737	$ 3,924	$ 4,120
C.C. INTERCPT-VEHICLE OPER	05-420-2511	$ 20,820	$ 22,016	$ 23,117	$ 24,272	$ 25,486	$ 26,760	$ 28,098	$ 29,503	$ 30,978	$ 32,527	$ 34,154	$ 35,861
C.C. COLLEC.-VEHICLE OPER.	05-420-2512	$ 28,526	$ 28,437	$ 29,859	$ 31,352	$ 32,919	$ 34,565	$ 36,294	$ 38,108	$ 40,014	$ 42,014	$ 44,115	$ 46,321
C.C. COLLECT.-VEH OPER - I&I	05-420-2514	$ 15,338	$ 15,798	$ 16,588	$ 17,417	$ 18,288	$ 19,202	$ 20,162	$ 21,171	$ 22,229	$ 23,341	$ 24,508	$ 25,733
ASHBRIDGE - VEHICLE OPER	05-420-2515	$ 12,282	$ 12,387	$ 13,007	$ 13,657	$ 14,340	$ 15,057	$ 15,809	$ 16,600	$ 17,430	$ 18,301	$ 19,217	$ 20,177
MILL VALLEY - VEHICLE OPER	05-420-2516	$ 11,933	$ 12,028	$ 12,630	$ 13,261	$ 13,924	$ 14,620	$ 15,351	$ 16,119	$ 16,925	$ 17,771	$ 18,660	$ 19,593
C.C. COLLEC.-PROF.SERVICES	05-420-3102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C.C. METERS - UTILITIES	05-420-3600	$ 1,181	$ 882	$ 927	$ 973	$ 1,022	$ 1,073	$ 1,126	$ 1,183	$ 1,242	$ 1,304	$ 1,369	$ 1,437
C.C. INTERCEPTOR-UTILITIES	05-420-3601	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C.C. COLLECTION -UTILITIES	05-420-3602	$ 10,159	$ 9,002	$ 9,452	$ 9,925	$ 10,421	$ 10,942	$ 11,490	$ 12,064	$ 12,667	$ 13,301	$ 13,966	$ 14,664
ASHBRIDGE - UTILITIES	05-420-3603	$ 9,420	$ 8,145	$ 8,552	$ 8,980	$ 9,429	$ 9,900	$ 10,395	$ 10,915	$ 11,461	$ 12,034	$ 12,636	$ 13,267
MILL VAL./BARKWAY UTILITIES	05-420-3604	$ 6,408	$ 5,484	$ 5,758	$ 6,046	$ 6,348	$ 6,666	$ 6,999	$ 7,349	$ 7,716	$ 8,102	$ 8,507	$ 8,932
C.C. METERS-MAINT.& REPRS.	05-420-3700	$ 2,523	$ 2,496	$ 2,620	$ 2,751	$ 2,889	$ 3,033	$ 3,185	$ 3,344	$ 3,511	$ 3,687	$ 3,871	$ 4,065
C.C. INTERCEPT.-MAINT.&REP	05-420-3701	$ 15,890	$ 15,702	$ 16,487	$ 17,312	$ 18,177	$ 19,086	$ 20,040	$ 21,042	$ 22,094	$ 23,199	$ 24,359	$ 25,577
C.C. COLLEC.-MAINT.& REPR.	05-420-3702	$ 56,802	$ 53,198	$ 55,858	$ 58,651	$ 61,584	$ 64,663	$ 67,896	$ 71,291	$ 74,856	$ 78,598	$ 82,528	$ 86,655
C.C. INTERCEPT.-MAINT & REP - I&I	05-420-3703	$ 1,223	$ 1,260	$ 1,323	$ 1,389	$ 1,458	$ 1,531	$ 1,608	$ 1,688	$ 1,773	$ 1,861	$ 1,955	$ 2,052
C.C. COLLECT.-MAINT & REP - I&I	05-420-3704	$ 172	$ 177	$ 186	$ 195	$ 205	$ 215	$ 226	$ 237	$ 249	$ 261	$ 274	$ 288
ASHBRIDGE-MAINT.&REPR	05-420-3705	$ 1,500	$ 1,468	$ 1,541	$ 1,618	$ 1,699	$ 1,784	$ 1,873	$ 1,967	$ 2,065	$ 2,169	$ 2,277	$ 2,391
BARKWAY -MAINT.& REPR.	05-420-3706	$ 300	$ 232	$ 243	$ 256	$ 268	$ 282	$ 296	$ 311	$ 326	$ 342	$ 360	$ 377
C.C. WEST GOSHEN OPER/MAINT	05-420-3850	$ 1,045,087	$ 1,150,000	$ 1,207,500	$ 1,267,875	$ 1,331,269	$ 1,397,832	$ 1,467,724	$ 1,541,110	$ 1,618,165	$ 1,699,074	$ 1,784,027	$ 1,873,229
C.C. WEST GOSHEN MISC CAPITAL	05-420-3851	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL CHESTER CREEK EXPENSES		$ 1,371,617	$ 1,463,236	$ 1,536,398	$ 1,613,217	$ 1,693,878	$ 1,778,572	$ 1,867,501	$ 1,960,876	$ 2,058,920	$ 2,161,866	$ 2,269,959	$ 2,383,457

Combined Sewer Operating Sewer Reserve Fund Balance Projection: No Sewer Rate Increase

Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 1,901,492	$ 1,669,248	$ 1,334,209	$ 726,421	$ 3,448	$ (876,439)	$ (1,434,062)	$ (2,132,742)	$ (3,062,285)
RIDLEY CREEK EXPENSES													
R.C. STP- WAGES	05-422-1400	$ 24,940	$ 41,284	$ 43,348	$ 45,516	$ 47,791	$ 50,181	$ 52,690	$ 55,324	$ 58,091	$ 60,995	$ 64,045	$ 67,247
R.C. COLLEC.- WAGES	05-422-1401	$ 24,624	$ 32,312	$ 33,928	$ 35,624	$ 37,405	$ 39,276	$ 41,239	$ 43,301	$ 45,467	$ 47,740	$ 50,127	$ 52,633
R.C. COLLECTIONS WAGES I&I	05-422-1402	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP- CHEMICALS	05-422-2440	$ 126,331	$ 136,621	$ 143,452	$ 150,625	$ 158,156	$ 166,064	$ 174,367	$ 183,086	$ 192,240	$ 201,852	$ 211,945	$ 222,542
R.C. COLLEC.-CHEMICALS	05-422-2441	$ -	$ 10,300	$ 10,815	$ 11,356	$ 11,924	$ 12,520	$ 13,146	$ 13,803	$ 14,493	$ 15,218	$ 15,979	$ 16,778
R.C. STP-VEHICLE OPER.	05-422-2510	$ 13,605	$ 22,123	$ 23,229	$ 24,391	$ 25,610	$ 26,891	$ 28,235	$ 29,647	$ 31,129	$ 32,686	$ 34,320	$ 36,036
R.C. COLLEC-VEHICLE OPER.	05-422-2511	$ 14,110	$ 20,125	$ 21,131	$ 22,187	$ 23,297	$ 24,462	$ 25,685	$ 26,969	$ 28,317	$ 29,733	$ 31,220	$ 32,781
R.C. COLLECT.-VEH OPERATING - I&I	05-422-2512	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP-MINOR EQUIP.	05-422-2600	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. COLLEC.-MINOR EQUIP.	05-422-2601		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. COLLEC.-PROF.SERVICE	05-422-3102		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C STP -UTILITIES	05-422-3600	$ 100,592	$ 83,764	$ 87,952	$ 92,350	$ 96,967	$ 101,816	$ 106,907	$ 112,252	$ 117,865	$ 123,758	$ 129,946	$ 136,443
R.C. COLLEC.-UTILITIES	05-422-3601	$ 5,449	$ 5,117	$ 5,373	$ 5,641	$ 5,923	$ 6,219	$ 6,530	$ 6,857	$ 7,200	$ 7,560	$ 7,938	$ 8,335
R.C. STP-MAINT.& REPAIRS	05-422-3700	$ 152,635	$ 113,026	$ 118,677	$ 124,611	$ 130,842	$ 137,384	$ 144,253	$ 151,466	$ 159,039	$ 166,991	$ 175,341	$ 184,108
R.C. COLLEC.-MAINT.& REPR	05-422-3701	$ 42,623	$ 50,684	$ 53,218	$ 55,879	$ 58,673	$ 61,607	$ 64,687	$ 67,921	$ 71,318	$ 74,883	$ 78,628	$ 82,559
R.C. COLLECTION-MAINT. & REP I&I	05-422-3702	$ 4,782	$ 2,549	$ 2,677	$ 2,811	$ 2,951	$ 3,099	$ 3,254	$ 3,416	$ 3,587	$ 3,766	$ 3,955	$ 4,152
RCSTP - APPLEBROOK	05-422-3703	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP-CONTRACTED SERV.	05-422-4500	$ 290,213	$ 296,043	$ 310,845	$ 326,388	$ 342,707	$ 359,842	$ 377,834	$ 396,726	$ 416,562	$ 437,391	$ 459,260	$ 482,223
R.C. SLUDGE-LAND CHESTER	05-422-4502	$ 48,413	$ 55,000	$ 57,750	$ 60,638	$ 63,669	$ 66,853	$ 70,195	$ 73,705	$ 77,391	$ 81,260	$ 85,323	$ 89,589
TOTAL RIDLEY CREEK EXPENSES		**$ 848,317**	**$ 868,949**	**$ 912,396**	**$ 958,016**	**$ 1,005,917**	**$ 1,056,213**	**$ 1,109,023**	**$ 1,164,475**	**$ 1,222,698**	**$ 1,283,833**	**$ 1,348,025**	**$ 1,415,426**
ADMINISTRATION													
MISCELLANEOUS EXPENSE	05-424-2700	$ 182	$ 187	$ 197	$ 207	$ 217	$ 228	$ 239	$ 251	$ 264	$ 277	$ 291	$ 305
ADMIN.- WAGES	05-429-1400	$ 134,145	$ 137,880	$ 144,774	$ 152,012	$ 159,613	$ 167,593	$ 175,973	$ 184,772	$ 194,010	$ 203,711	$ 213,896	$ 224,591
PA ONE CALL - WAGES	05-429-1401	$ 6,541	$ 7,276	$ 7,640	$ 8,022	$ 8,423	$ 8,844	$ 9,286	$ 9,750	$ 10,238	$ 10,750	$ 11,287	$ 11,852
PA ONE CALL - VEH OPER	05-429-2501	$ 5,579	$ 7,291	$ 7,656	$ 8,039	$ 8,441	$ 8,863	$ 9,306	$ 9,771	$ 10,260	$ 10,773	$ 11,311	$ 11,877
ADMIN.-COMPUTER EXPENSES	05-429-2600	$ 3,324	$ 3,117	$ 3,273	$ 3,437	$ 3,609	$ 3,789	$ 3,978	$ 4,177	$ 4,386	$ 4,606	$ 4,836	$ 5,078
ADMIN.-GENERAL EXPENSE	05-429-3000	$ 60,001	$ 45,000	$ 47,250	$ 49,613	$ 52,093	$ 54,698	$ 57,433	$ 60,304	$ 63,320	$ 66,485	$ 69,810	$ 73,300
ADMIN.-PAYMENT PORTAL	05-429-3001	$ 375	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
ADMIN.- PROFESSIONAL SERV	05-429-3100	$ 1,995	$ 2,021	$ 2,122	$ 2,228	$ 2,339	$ 2,456	$ 2,579	$ 2,708	$ 2,843	$ 2,985	$ 3,135	$ 3,291
ADMIN - LEGAL	05-429-3140	$ 4,556	$ 4,692	$ 4,927	$ 5,173	$ 5,432	$ 5,703	$ 5,989	$ 6,288	$ 6,602	$ 6,933	$ 7,279	$ 7,643
ADMIN.- COMMUNICATION EXPENSE	05-429-3210	$ 2,151	$ 2,213	$ 2,324	$ 2,440	$ 2,562	$ 2,690	$ 2,825	$ 2,966	$ 3,114	$ 3,270	$ 3,433	$ 3,605
ADMIN.- POSTAGE	05-429-3250	$ 6,878	$ 6,508	$ 6,834	$ 7,176	$ 7,534	$ 7,911	$ 8,307	$ 8,722	$ 9,158	$ 9,616	$ 10,097	$ 10,602
ADMIN. - PRINTING	05-429-3400	$ 2,888	$ 2,000	$ 2,100	$ 2,205	$ 2,315	$ 2,431	$ 2,553	$ 2,680	$ 2,814	$ 2,955	$ 3,103	$ 3,258
ADMIN.- INSURANCE	05-429-3500	$ (7,797)	$ 30,000	$ 31,500	$ 33,075	$ 34,729	$ 36,465	$ 38,288	$ 40,203	$ 42,213	$ 44,324	$ 46,540	$ 48,867
ADMIN.-BLDG.OVERHEAD	05-429-3730	$ 89,722	$ 101,707	$ 106,793	$ 112,132	$ 117,739	$ 123,626	$ 129,807	$ 136,298	$ 143,112	$ 150,268	$ 157,781	$ 165,671
CONTR. SERV. SUMMIT HOUSE	05-429-4500	$ 349,320	$ 349,320	$ 366,786	$ 385,125	$ 404,382	$ 424,601	$ 445,831	$ 468,122	$ 491,528	$ 516,105	$ 541,910	$ 569,005
CONTR. SERV. CIDER KNOLL	05-429-4510	$ 78,720	$ 78,720	$ 82,656	$ 86,789	$ 91,128	$ 95,685	$ 100,469	$ 105,492	$ 110,767	$ 116,305	$ 122,121	$ 128,227
CONTR. SERV. MALVERN INSTITUTE	05-429-4520	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Combined Sewer Operating Sewer Reserve Fund Balance Projection: No Sewer Rate Increase

Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 1,901,492	$ 1,669,248	$ 1,334,209	$ 726,421	$ 3,448	$ (876,439)	$ (1,434,062)	$ (2,132,742)	$ (3,062,285)
LOCK BOX FEE	05-429-5000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BANK FEES	05-429-5001	$ 2,101	$ 1,380	$ 1,449	$ 1,521	$ 1,598	$ 1,677	$ 1,761	$ 1,849	$ 1,942	$ 2,039	$ 2,141	$ 2,248
DVRFA -DEBT SERV.-UPGRADE	05-471-7200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DVRFA--PRINCIPAL PMT ON $9,500,000	05-471-7220	$ 455,000	$ 473,000	$ 492,000	$ 512,000	$ 533,000	$ 555,000	$ 578,000	$ 596,000	$ -	$ -	$ -	$ -
DVRFA - PRINCIPAL ON DIVERSION LOAN	05-471-7240	$ 129,000	$ 133,000	$ 137,000	$ 141,000	$ 145,000	$ 149,000	$ 153,000	$ 157,000	$ 177,000			
SERIES 2017 GO BONDS - PRINCIPAL	05-471-7250	$ 135,000	$ 140,000	$ 145,000	$ 145,000	$ 150,000	$ 155,000	$ 160,000	$ 16,000	$ 165,000	$ 170,000	$ 175,000	$ 185,000
DVRFA -INTEREST -UPGRADE	05-472-7200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -
DVRFA - INTEREST ON $9,500,000 LOAN	05-472-7220	$ 157,073	$ 138,699	$ 119,592	$ 99,713	$ 79,022	$ 57,499	$ 35,125	$ 11,860	$ -	$ -	$ -	$ -
DVRFA - INTEREST ON DIVERSION LOAN	05-472-7240	$ 39,294	$ 36,344	$ 32,289	$ 28,112	$ 23,782	$ 19,392	$ 14,849	$ 10,184	$ 5,397			
SERIES 2017 GO BONDS - INTEREST	05-472-7250	$ 56,489	$ 53,789	$ 50,989	$ 47,908	$ 44,645	$ 40,895	$ 36,245	$ 31,445	$ 26,645	$ 21,695	$ 16,595	$ 11,345
TRANSFER TO CAPITAL RESERVE FUND	05-492-0300	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TRANSFER TO MUNIC AUTHORITY	05-492-0700	$ 143,175	$ 319,438	$ 250,333	$ 335,410	$ 262,850	$ 352,181	$ 275,992	$ 387,399	$ 303,591	$ 406,769	$ 406,769	$ 427,107
TRANSFER TO BOND FUND - SEWER	05-492-0805	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TRANSFER TO SEWER CAPITAL RESERVE	05-492-0900	$ 420,000	$ 525,000	$ 531,563	$ 538,207	$ 544,935	$ 551,746	$ 558,643	$ 565,626	$ 572,696	$ 579,855	$ 587,103	$ 594,442
TOTAL ADMINISTRATIVE EXPENSES		$ 2,275,712	$ 2,598,583	$ 2,577,044	$ 2,706,542	$ 2,685,386	$ 2,827,973	$ 2,806,477	$ 2,819,868	$ 2,346,902	$ 2,329,719	$ 2,394,438	$ 2,487,313
TOTAL SEWER EXPENSES		$ 4,495,646	$ 4,930,768	$ 5,025,838	$ 5,277,776	$ 5,385,181	$ 5,662,758	$ 5,783,001	$ 5,945,218	$ 5,628,520	$ 5,775,418	$ 6,012,421	$ 6,286,196
NET RESULT FROM OPERATIONS		$ 515,393	$ 42,030	$ 10,637	$ (232,244)	$ (335,039)	$ (607,788)	$ (722,973)	$ (879,887)	$ (557,623)	$ (698,679)	$ (929,544)	$ (1,196,864)
ESTIMATED ENDING FUND BALANCE		$ 1,848,824	$ 1,890,855	$ 1,901,492	$ 1,669,248	$ 1,334,209	$ 726,421	$ 3,448	$ (876,439)	$ (1,434,062)	$ (2,132,742)	$ (3,062,285)	$ (4,259,150)
SEWER RESERVE ENDING FUND BALANCE		$ 2,191,446	$ 1,755,766	$ 1,558,247	$ 202,290	$ 280,983	$ 694,247	$ 1,156,300	$ 1,351,681	$ 292,888	$ 783,964	$ 766,454	$ 764,483
COMBINED ENDING FUND BALANCE		$ 4,040,271	$ 3,646,621	$ 3,459,738	$ 1,871,538	$ 1,615,192	$ 1,420,668	$ 1,159,748	$ 475,242	$ (1,141,175)	$ (1,348,777)	$ (2,295,831)	$ (3,494,667)

Sewer Capital Reserve Fund

Account Title	Acct #	Actual 2022	Actual 2023	Actual 2024	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		2,361,152	$ 2,384,772	$ 2,246,078	$ 2,200,266	$ 2,191,446	$ 1,755,766	$ 1,558,247	$ 202,290	$ 280,983	$ 694,247	$ 1,156,300	$ 1,351,681	$ 292,888	$ 783,964	$ 766,454
REVENUE																
INTEREST EARNINGS	09-341-1000	$ 28,246	$ 97,731	$ 102,240	$ 83,270	$ 72,970	$ 73,918	$ 147,837	$ 149,758	$ 299,517	$ 303,411	$ 307,355	$ 614,710	$ 622,701	$ 630,796	$ 638,997
TRFR FROM SEWER OPERATING	09-342-0500	$ 290,000	$ 410,000	$ 420,000	$ 420,000	$ 525,000	$ 531,563	$ 538,207	$ 544,935	$ 551,746	$ 558,643	$ 565,626	$ 572,696	$ 579,855	$ 587,103	$ 594,442
TRANSFER FROM MUNICIPAL FUND	09-392-0700	$ -	$ -	$ -	$ -	$ -	$ -	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ -
TOTAL REVENUE		$ 318,246	$ 507,731	$ 522,240	$ 503,270	$ 597,970	$ 605,481	$ 686,044	$ 694,693	$ 851,263	$ 862,054	$ 872,981	$ 1,187,406	$ 1,202,556	$ 1,217,900	$ 1,233,439
EXPENSES																
TRANSFER TO SEWER OPERATING	09-492-0800	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MACHINERY/EQUIPMENT - REPLACEMENT	09-429-7400	$ 7,969	$ 19,415	$ 9,918	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MACHINERY/EQUIPMENT - NEW	09-429-7450	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Bank Fees	09-491-5001	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TRANSFER TO MUNIC AUTHORITY	09-492-0700	$ 286,657	$ 627,010	$ 558,134	$ 512,090	$ 1,033,650	$ 803,000	$ 2,042,000	$ 616,000	$ 438,000	$ 400,000	$ 677,600	$ 2,246,200	$ 711,480	$ 1,235,410	$ 1,235,410
TOTAL EXPENSES		$ 294,626	$ 646,425	$ 568,052	$ 512,090	$ 1,033,650	$ 803,000	$ 2,042,000	$ 616,000	$ 438,000	$ 400,000	$ 677,600	$ 2,246,200	$ 711,480	$ 1,235,410	$ 1,235,410
NET RESULT FROM OPERATIONS		$ 23,620	$ (138,694)	$ (45,812)	$ (8,819)	$ (435,680)	$ (197,519)	$ (1,355,956)	$ 78,693	$ 413,263	$ 462,054	$ 195,381	$ (1,058,794)	$ 491,076	$ (17,510)	$ (1,971)
ESTIMATED ENDING FUND BALANCE		$ 2,384,772	$ 2,246,078	$ 2,200,266	$ 2,191,446	$ 1,755,766	$ 1,558,247	$ 202,290	$ 280,983	$ 694,247	$ 1,156,300	$ 1,351,681	$ 292,888	$ 783,964	$ 766,454	$ 764,483
Per Mark's Estimate timeline						Design Hunt Country	RebuildHunt Country	Design Ashbridge	Rebuild Ashbridge	Design Barkway	Rebuild Barkway	Design Hershey Mill	Rebuild Hershey	Design R.C.	Design/Rebuild R.C.	Rebuild R.C.
											Based on 10 year projection done in 2024	Ashbridge cost x 10%	Ashbridge cost x 10%	Hershey Costs x 5%	Hershey Costs x 5%	Hershey Costs x 5%

Combined Sewer Operating Sewer Reserve Fund Balance Projection: 5% One Time Sewer Rate Increase

Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 2,080,094	$ 2,019,659	$ 1,854,112	$ 1,413,313	$ 854,623	$ 136,100	$ (263,308)	$ (807,169)	$ (1,585,554)
REVENUE													
INTEREST EARNINGS	05-341-1000	$ 65,742	$ 47,185	$ 47,798	$ 48,420	$ 49,049	$ 49,687	$ 50,333	$ 50,987	$ 51,650	$ 52,321	$ 53,001	$ 53,690
REVENUE - SEWER FEES	05-364-1000	$ 4,834,829	$ 4,800,864	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907	$ 5,040,907
REVENUE - SEWER PENALTIES	05-364-1010	$ 41,127	$ 30,000	$ 30,390	$ 30,785	$ 31,185	$ 31,591	$ 32,001	$ 32,417	$ 32,839	$ 33,266	$ 33,698	$ 34,136
REVENUE - LIEN PAYMENTS	05-364-1025	$ 30,171	$ 16,000	$ 16,208	$ 16,419	$ 16,632	$ 16,848	$ 17,067	$ 17,289	$ 17,514	$ 17,742	$ 17,972	$ 18,206
REVENUE - SEWER CERTIFICATION FEES	05-364-1030	$ 3,780	$ 2,250	$ 2,279	$ 2,309	$ 2,339	$ 2,369	$ 2,400	$ 2,431	$ 2,463	$ 2,495	$ 2,527	$ 2,560
REVENUE - WG CONVEYANCE FEE	05-364-1040	$ -	$ 40,000	$ 40,520	$ 41,047	$ 41,580	$ 42,121	$ 42,668	$ 43,223	$ 43,785	$ 44,354	$ 44,931	$ 45,515
ADMIN.COST FROM WESTTOWN	05-364-1060	$ 3,854	$ 6,500	$ 6,585	$ 6,670	$ 6,757	$ 6,845	$ 6,934	$ 7,024	$ 7,115	$ 7,208	$ 7,301	$ 7,396
O&M FEES FOR BARKWAY PUMP STATION	05-364-1070	$ 28,127	$ 25,000	$ 25,325	$ 25,654	$ 25,988	$ 26,326	$ 26,668	$ 27,014	$ 27,366	$ 27,721	$ 28,082	$ 28,447
O&M FEES FOR ASHBRIDGE PUMP STATION	05-364-1080	$ 3,409	$ 5,000	$ 5,065	$ 5,131	$ 5,198	$ 5,265	$ 5,334	$ 5,403	$ 5,473	$ 5,544	$ 5,616	$ 5,689
MISC SEWER REVENUE/FROM SEWER RESRV	05-380-1000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SEWER INSURANCE CLAIMS	05-391-2000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
REIMB.PRINC.&INTEREST M.A	05-392-0710	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL REVENUE		$ 5,011,039	$ 4,972,798	$ 5,215,077	$ 5,217,341	$ 5,219,635	$ 5,221,958	$ 5,224,312	$ 5,226,696	$ 5,229,111	$ 5,231,558	$ 5,234,036	$ 5,236,547
CHESTER CREEK EXPENSES													
C.C. METERS -WAGES	05-420-1400	$ 2,202	$ 2,268	$ 2,381	$ 2,500	$ 2,625	$ 2,757	$ 2,895	$ 3,039	$ 3,191	$ 3,351	$ 3,518	$ 3,694
C.C. INTERCEPTOR - WAGES	05-420-1401	$ 27,451	$ 26,031	$ 27,332	$ 28,699	$ 30,134	$ 31,641	$ 33,223	$ 34,884	$ 36,628	$ 38,459	$ 40,382	$ 42,401
C.C. COLLECTION - WAGES	05-420-1402	$ 38,695	$ 32,062	$ 33,665	$ 35,348	$ 37,115	$ 38,971	$ 40,920	$ 42,966	$ 45,114	$ 47,370	$ 49,738	$ 52,225
C.C. COLLECTION - WAGES - I&I	05-420-1404	$ 19,188	$ 19,764	$ 20,752	$ 21,789	$ 22,879	$ 24,023	$ 25,224	$ 26,485	$ 27,809	$ 29,200	$ 30,660	$ 32,193
ASHBRIDGE WAGES	05-420-1405	$ 21,363	$ 21,136	$ 22,193	$ 23,303	$ 24,468	$ 25,691	$ 26,976	$ 28,325	$ 29,741	$ 31,228	$ 32,789	$ 34,429
MILL VALLEY - WAGES	05-420-1406	$ 21,199	$ 20,734	$ 21,771	$ 22,860	$ 24,003	$ 25,203	$ 26,463	$ 27,786	$ 29,175	$ 30,634	$ 32,166	$ 33,774
C.C. METERS -VEHICLE OPER.	05-420-2510	$ 1,956	$ 2,529	$ 2,656	$ 2,789	$ 2,928	$ 3,074	$ 3,228	$ 3,390	$ 3,559	$ 3,737	$ 3,924	$ 4,120
C.C. INTERCPT-VEHICLE OPER	05-420-2511	$ 20,820	$ 22,016	$ 23,117	$ 24,272	$ 25,486	$ 26,760	$ 28,098	$ 29,503	$ 30,978	$ 32,527	$ 34,154	$ 35,861
C.C. COLLEC.-VEHICLE OPER.	05-420-2512	$ 28,526	$ 28,437	$ 29,859	$ 31,352	$ 32,919	$ 34,565	$ 36,294	$ 38,108	$ 40,014	$ 42,014	$ 44,115	$ 46,321
C.C. COLLECT.-VEH OPER - I&I	05-420-2514	$ 15,338	$ 15,798	$ 16,588	$ 17,417	$ 18,288	$ 19,202	$ 20,162	$ 21,171	$ 22,229	$ 23,341	$ 24,508	$ 25,733
ASHBRIDGE - VEHICLE OPER	05-420-2515	$ 12,282	$ 12,387	$ 13,007	$ 13,657	$ 14,340	$ 15,057	$ 15,809	$ 16,600	$ 17,430	$ 18,301	$ 19,217	$ 20,177
MILL VALLEY - VEHICLE OPER	05-420-2516	$ 11,933	$ 12,028	$ 12,630	$ 13,261	$ 13,924	$ 14,620	$ 15,351	$ 16,119	$ 16,925	$ 17,771	$ 18,660	$ 19,593
C.C. COLLEC.-PROF.SERVICES	05-420-3102	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C.C. METERS - UTILITIES	05-420-3600	$ 1,181	$ 882	$ 927	$ 973	$ 1,022	$ 1,073	$ 1,126	$ 1,183	$ 1,242	$ 1,304	$ 1,369	$ 1,437
C.C. INTERCEPTOR-UTILITIES	05-420-3601	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
C.C. COLLECTION -UTILITIES	05-420-3602	$ 10,159	$ 9,002	$ 9,452	$ 9,925	$ 10,421	$ 10,942	$ 11,490	$ 12,064	$ 12,667	$ 13,301	$ 13,966	$ 14,664
ASHBRIDGE - UTILITIES	05-420-3603	$ 9,420	$ 8,145	$ 8,552	$ 8,980	$ 9,429	$ 9,900	$ 10,395	$ 10,915	$ 11,461	$ 12,034	$ 12,636	$ 13,267
MILL VAL./BARKWAY UTILITIES	05-420-3604	$ 6,408	$ 5,484	$ 5,758	$ 6,046	$ 6,348	$ 6,666	$ 6,999	$ 7,349	$ 7,716	$ 8,102	$ 8,507	$ 8,932
C.C. METERS-MAINT.& REPRS.	05-420-3700	$ 2,523	$ 2,496	$ 2,620	$ 2,751	$ 2,889	$ 3,033	$ 3,185	$ 3,344	$ 3,511	$ 3,687	$ 3,871	$ 4,065
C.C. INTERCEPT.-MAINT.&REP	05-420-3701	$ 15,890	$ 15,702	$ 16,487	$ 17,312	$ 18,177	$ 19,086	$ 20,040	$ 21,042	$ 22,094	$ 23,199	$ 24,359	$ 25,577
C.C. COLLEC.-MAINT.& REPR.	05-420-3702	$ 56,802	$ 53,198	$ 55,858	$ 58,651	$ 61,584	$ 64,663	$ 67,896	$ 71,291	$ 74,856	$ 78,598	$ 82,528	$ 86,655
C.C. INTERCEPT.-MAINT & REP - I&I	05-420-3703	$ 1,223	$ 1,260	$ 1,323	$ 1,389	$ 1,458	$ 1,531	$ 1,608	$ 1,688	$ 1,773	$ 1,861	$ 1,955	$ 2,052
C.C. COLLECT.-MAINT & REP - I&I	05-420-3704	$ 172	$ 177	$ 186	$ 195	$ 205	$ 215	$ 226	$ 237	$ 249	$ 261	$ 274	$ 288
ASHBRIDGE-MAINT.&REPR	05-420-3705	$ 1,500	$ 1,468	$ 1,541	$ 1,618	$ 1,699	$ 1,784	$ 1,873	$ 1,967	$ 2,065	$ 2,169	$ 2,277	$ 2,391
BARKWAY -MAINT.& REPR.	05-420-3706	$ 300	$ 232	$ 243	$ 256	$ 268	$ 282	$ 296	$ 311	$ 326	$ 342	$ 360	$ 377
C.C. WEST GOSHEN OPER/MAINT	05-420-3850	$ 1,045,087	$ 1,150,000	$ 1,207,500	$ 1,267,875	$ 1,331,269	$ 1,397,832	$ 1,467,724	$ 1,541,110	$ 1,618,165	$ 1,699,074	$ 1,784,027	$ 1,873,229
C.C. WEST GOSHEN MISC CAPITAL	05-420-3851	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL CHESTER CREEK EXPENSES		$ 1,371,617	$ 1,463,236	$ 1,536,398	$ 1,613,217	$ 1,693,878	$ 1,778,572	$ 1,867,501	$ 1,960,876	$ 2,058,920	$ 2,161,866	$ 2,269,959	$ 2,383,457

Combined Sewer Operating Sewer Reserve Fund Balance Projection: 5% One Time Sewer Rate Increase

Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 2,080,094	$ 2,019,659	$ 1,854,112	$ 1,413,313	$ 854,623	$ 136,100	$ (263,308)	$ (807,169)	$ (1,585,554)
RIDLEY CREEK EXPENSES													
R.C. STP- WAGES	05-422-1400	$ 24,940	$ 41,284	$ 43,348	$ 45,516	$ 47,791	$ 50,181	$ 52,690	$ 55,324	$ 58,091	$ 60,995	$ 64,045	$ 67,247
R.C. COLLEC.- WAGES	05-422-1401	$ 24,624	$ 32,312	$ 33,928	$ 35,624	$ 37,405	$ 39,276	$ 41,239	$ 43,301	$ 45,467	$ 47,740	$ 50,127	$ 52,633
R.C. COLLECTIONS WAGES I&I	05-422-1402	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP- CHEMICALS	05-422-2440	$ 126,331	$ 136,621	$ 143,452	$ 150,625	$ 158,156	$ 166,064	$ 174,367	$ 183,086	$ 192,240	$ 201,852	$ 211,945	$ 222,542
R.C. COLLEC.-CHEMICALS	05-422-2441	$ -	$ 10,300	$ 10,815	$ 11,356	$ 11,924	$ 12,520	$ 13,146	$ 13,803	$ 14,493	$ 15,218	$ 15,979	$ 16,778
R.C. STP-VEHICLE OPER.	05-422-2510	$ 13,605	$ 22,123	$ 23,229	$ 24,391	$ 25,610	$ 26,891	$ 28,235	$ 29,647	$ 31,129	$ 32,686	$ 34,320	$ 36,036
R.C. COLLEC-VEHICLE OPER.	05-422-2511	$ 14,110	$ 20,125	$ 21,131	$ 22,187	$ 23,297	$ 24,462	$ 25,685	$ 26,969	$ 28,317	$ 29,733	$ 31,220	$ 32,781
R.C. COLLECT.-VEH OPERATING - I&I	05-422-2512	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP-MINOR EQUIP.	05-422-2600	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. COLLEC.-MINOR EQUIP.	05-422-2601		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. COLLEC.-PROF.SERVICE	05-422-3102		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C STP -UTILITIES	05-422-3600	$ 100,592	$ 83,764	$ 87,952	$ 92,350	$ 96,967	$ 101,816	$ 106,907	$ 112,252	$ 117,865	$ 123,758	$ 129,946	$ 136,443
R.C. COLLEC.-UTILITIES	05-422-3601	$ 5,449	$ 5,117	$ 5,373	$ 5,641	$ 5,923	$ 6,219	$ 6,530	$ 6,857	$ 7,200	$ 7,560	$ 7,938	$ 8,335
R.C. STP-MAINT.& REPAIRS	05-422-3700	$ 152,635	$ 113,026	$ 118,677	$ 124,611	$ 130,842	$ 137,384	$ 144,253	$ 151,466	$ 159,039	$ 166,991	$ 175,341	$ 184,108
R.C. COLLEC.-MAINT.& REPR	05-422-3701	$ 42,623	$ 50,684	$ 53,218	$ 55,879	$ 58,673	$ 61,607	$ 64,687	$ 67,921	$ 71,318	$ 74,883	$ 78,628	$ 82,559
R.C. COLLECTION-MAINT. & REP I&I	05-422-3702	$ 4,782	$ 2,549	$ 2,677	$ 2,811	$ 2,951	$ 3,099	$ 3,254	$ 3,416	$ 3,587	$ 3,766	$ 3,955	$ 4,152
RCSTP - APPLEBROOK	05-422-3703	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
R.C. STP-CONTRACTED SERV.	05-422-4500	$ 290,213	$ 296,043	$ 310,845	$ 326,388	$ 342,707	$ 359,842	$ 377,834	$ 396,726	$ 416,562	$ 437,391	$ 459,260	$ 482,223
R.C. SLUDGE-LAND CHESTER	05-422-4502	$ 48,413	$ 55,000	$ 57,750	$ 60,638	$ 63,669	$ 66,853	$ 70,195	$ 73,705	$ 77,391	$ 81,260	$ 85,323	$ 89,589
TOTAL RIDLEY CREEK EXPENSES		**$ 848,317**	**$ 868,949**	**$ 912,396**	**$ 958,016**	**$ 1,005,917**	**$ 1,056,213**	**$ 1,109,023**	**$ 1,164,475**	**$ 1,222,698**	**$ 1,283,833**	**$ 1,348,025**	**$ 1,415,426**
ADMINISTRATION													
MISCELLANEOUS EXPENSE	05-424-2700	$ 182	$ 187	$ 197	$ 207	$ 217	$ 228	$ 239	$ 251	$ 264	$ 277	$ 291	$ 305
ADMIN.- WAGES	05-429-1400	$ 134,145	$ 137,880	$ 144,774	$ 152,012	$ 159,613	$ 167,593	$ 175,973	$ 184,772	$ 194,010	$ 203,711	$ 213,896	$ 224,591
PA ONE CALL - WAGES	05-429-1401	$ 6,541	$ 7,276	$ 7,640	$ 8,022	$ 8,423	$ 8,844	$ 9,286	$ 9,750	$ 10,238	$ 10,750	$ 11,287	$ 11,852
PA ONE CALL - VEH OPER	05-429-2501	$ 5,579	$ 7,291	$ 7,656	$ 8,039	$ 8,441	$ 8,863	$ 9,306	$ 9,771	$ 10,260	$ 10,773	$ 11,311	$ 11,877
ADMIN.-COMPUTER EXPENSES	05-429-2600	$ 3,324	$ 3,117	$ 3,273	$ 3,437	$ 3,609	$ 3,789	$ 3,978	$ 4,177	$ 4,386	$ 4,606	$ 4,836	$ 5,078
ADMIN.-GENERAL EXPENSE	05-429-3000	$ 60,001	$ 45,000	$ 47,250	$ 49,613	$ 52,093	$ 54,698	$ 57,433	$ 60,304	$ 63,320	$ 66,485	$ 69,810	$ 73,300
ADMIN.-PAYMENT PORTAL	05-429-3001	$ 375	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
ADMIN.- PROFESSIONAL SERV	05-429-3100	$ 1,995	$ 2,021	$ 2,122	$ 2,228	$ 2,339	$ 2,456	$ 2,579	$ 2,708	$ 2,843	$ 2,985	$ 3,135	$ 3,291
ADMIN - LEGAL	05-429-3140	$ 4,556	$ 4,692	$ 4,927	$ 5,173	$ 5,432	$ 5,703	$ 5,989	$ 6,288	$ 6,602	$ 6,933	$ 7,279	$ 7,643
ADMIN.- COMMUNICATION EXPENSE	05-429-3210	$ 2,151	$ 2,213	$ 2,324	$ 2,440	$ 2,562	$ 2,690	$ 2,825	$ 2,966	$ 3,114	$ 3,270	$ 3,433	$ 3,605
ADMIN.- POSTAGE	05-429-3250	$ 6,878	$ 6,508	$ 6,834	$ 7,176	$ 7,534	$ 7,911	$ 8,307	$ 8,722	$ 9,158	$ 9,616	$ 10,097	$ 10,602
ADMIN. - PRINTING	05-429-3400	$ 2,888	$ 2,000	$ 2,100	$ 2,205	$ 2,315	$ 2,431	$ 2,553	$ 2,680	$ 2,814	$ 2,955	$ 3,103	$ 3,258
ADMIN.- INSURANCE	05-429-3500	$ (7,797)	$ 30,000	$ 31,500	$ 33,075	$ 34,729	$ 36,465	$ 38,288	$ 40,203	$ 42,213	$ 44,324	$ 46,540	$ 48,867
ADMIN.-BLDG.OVERHEAD	05-429-3730	$ 89,722	$ 101,707	$ 106,793	$ 112,132	$ 117,739	$ 123,626	$ 129,807	$ 136,298	$ 143,112	$ 150,268	$ 157,781	$ 165,671
CONTR. SERV. SUMMIT HOUSE	05-429-4500	$ 349,320	$ 349,320	$ 366,786	$ 385,125	$ 404,382	$ 424,601	$ 445,831	$ 468,122	$ 491,528	$ 516,105	$ 541,910	$ 569,005
CONTR. SERV. CIDER KNOLL	05-429-4510	$ 78,720	$ 78,720	$ 82,656	$ 86,789	$ 91,128	$ 95,685	$ 100,469	$ 105,492	$ 110,767	$ 116,305	$ 122,121	$ 128,227
CONTR. SERV. MALVERN INSTITUTE	05-429-4520	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Combined Sewer Operating Sewer Reserve Fund Balance Projection: 5% One Time Sewer Rate Increase

ESTIMATED BEGINNING FUND BALANCE		$ 1,333,432	$ 1,848,824	$ 1,890,855	$ 2,080,094	$ 2,019,659	$ 1,854,112	$ 1,413,313	$ 854,623	$ 136,100	$ (263,308)	$ (807,169)	$ (1,585,554)
Account Title	Acct #	Actual 2025	Budget 2026	Estimate 2027	Estimate 2028	Estimate 2029	Estimate 2030	Estimate 2031	Estimate 2032	Estimate 2033	Estimate 2034	Estimate 2035	Estimate 2036
LOCK BOX FEE	05-429-5000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Bank Fees	05-429-5001	$ 2,101	$ 1,380	$ 1,449	$ 1,521	$ 1,598	$ 1,677	$ 1,761	$ 1,849	$ 1,942	$ 2,039	$ 2,141	$ 2,248
DVRFA -DEBT SERV.-UPGRADE	05-471-7200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DVRFA--PRINCIPAL PMT ON $9,500,000	05-471-7220	$ 455,000	$ 473,000	$ 492,000	$ 512,000	$ 533,000	$ 555,000	$ 578,000	$ 596,000	$ -	$ -	$ -	$ -
DVRFA - PRINCIPAL ON DIVERSION LOAN	05-471-7240	$ 129,000	$ 133,000	$ 137,000	$ 141,000	$ 145,000	$ 149,000	$ 153,000	$ 157,000	$ 177,000	$ -	$ -	$ -
SERIES 2017 GO BONDS - PRINCIPAL	05-471-7250	$ 135,000	$ 140,000	$ 145,000	$ 145,000	$ 150,000	$ 155,000	$ 160,000	$ 16,000	$ 165,000	$ 170,000	$ 175,000	$ 185,000
DVRFA -INTEREST -UPGRADE	05-472-7200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DVRFA - INTEREST ON $9,500,000 LOAN	05-472-7220	$ 157,073	$ 138,699	$ 119,592	$ 99,713	$ 79,022	$ 57,499	$ 35,125	$ 11,860	$ -	$ -	$ -	$ -
DVRFA - INTEREST ON DIVERSION LOAN	05-472-7240	$ 39,294	$ 36,344	$ 32,289	$ 28,112	$ 23,782	$ 19,392	$ 14,849	$ 10,184	$ 5,397	$ -	$ -	$ -
SERIES 2017 GO BONDS - INTEREST	05-472-7250	$ 56,489	$ 53,789	$ 50,989	$ 47,908	$ 44,645	$ 40,895	$ 36,245	$ 31,445	$ 26,645	$ 21,695	$ 16,595	$ 11,345
TRANSFER TO CAPITAL RESERVE FUND	05-492-0300	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TRANSFER TO MUNIC AUTHORITY	05-492-0700	$ 143,175	$ 319,438	$ 250,333	$ 335,410	$ 262,850	$ 352,181	$ 275,992	$ 387,399	$ 303,591	$ 406,769	$ 406,769	$ 427,107
TRANSFER TO BOND FUND - SEWER	05-492-0805	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TRANSFER TO SEWER CAPITAL RESERVE	05-492-0900	$ 420,000	$ 525,000	$ 531,563	$ 538,207	$ 544,935	$ 551,746	$ 558,643	$ 565,626	$ 572,696	$ 579,855	$ 587,103	$ 594,442
TOTAL ADMINISTRATIVE EXPENSES		$ 2,275,712	$ 2,598,583	$ 2,577,044	$ 2,706,542	$ 2,685,386	$ 2,827,973	$ 2,806,477	$ 2,819,868	$ 2,346,902	$ 2,329,719	$ 2,394,438	$ 2,487,313
TOTAL SEWER EXPENSES		$ 4,495,646	$ 4,930,768	$ 5,025,838	$ 5,277,776	$ 5,385,181	$ 5,662,758	$ 5,783,001	$ 5,945,218	$ 5,628,520	$ 5,775,418	$ 6,012,421	$ 6,286,196
NET RESULT FROM OPERATIONS		$ 515,393	$ 42,030	$ 189,239	$ (60,435)	$ (165,546)	$ (440,800)	$ (558,690)	$ (718,523)	$ (399,408)	$ (543,860)	$ (778,385)	$ (1,049,649)
ESTIMATED ENDING FUND BALANCE		$ 1,848,824	$ 1,890,855	$ 2,080,094	$ 2,019,659	$ 1,854,112	$ 1,413,313	$ 854,623	$ 136,100	$ (263,308)	$ (807,169)	$ (1,585,554)	$ (2,635,203)
SEWER RESERVE ENDING FUND BALANCE		$ 2,191,446	$ 1,755,766	$ 1,558,247	$ 202,290	$ 280,983	$ 694,247	$ 1,156,300	$ 1,351,681	$ 292,888	$ 783,964	$ 766,454	$ 764,483
COMBINED ENDING FUND BALANCE		$ 4,040,271	$ 3,646,621	$ 3,638,340	$ 2,221,949	$ 2,135,096	$ 2,107,559	$ 2,010,923	$ 1,487,782	$ 29,580	$ (23,204)	$ (819,099)	$ (1,870,720)

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380
610-692-7171 ext. 3103
kkrause@eastgoshen.org

Date: October 9, 2026
To: East Goshen Township Board of Supervisors
From: Kelly A. Krause, Zoning Officer
Re: 1338 Morstein Road– WCU Foundation/Grove Meadow Developers, LLC
Financial Security Release Recommendation No. 1 ($140,742.50)

On December 16, 2025, the final amended land development plan application for the property located at 1375 Old Phoenixville Pike & 1338 Morstein Road, West Chester, PA, was approved to allow a 16-lot residential subdivision and associated improvements, with thirteen (13) lots located within West Whiteland Township, and three (3) lots located within East Goshen Township (identified as lots 6, 7, 8) with associated public improvements.

An Engineering Cost Estimate was prepared by Howell Engineering to establish the required Financial Security for the proposed improvements in the amount of $359,903.89 and incorporated into the Financial Security Agreement as Exhibit "A", Estimated Construction Costs.

The developer has submitted a request for a partial release of the financial security funds held for work performed in the amount of $140,742.50 for the completion or partial completion of the following items:

Construction Stakeout	$1,600.00
Mobilization	$1,000.00 (complete)
Clearing & Demolition	$1,900.00 (complete)
Earthwork	$30,579.88
Sediment & Erosion Control	$15,021.24
Sanitary Sewer	$10,342.84
Storm Sewer	$62,776.49
Inspections/Observation	$5,200.00
Contingency	$12,322.05

A detailed breakdown of the full list of improvements has been attached for your review, along with the recommendation of the Township Engineer for the release of the funds requested.

Draft Motion Recommendation:
Mr. Chairman, I move that the Board of Supervisors authorize a partial release of the financial security held for public improvements related to the development of 1375 Old Phoenixville Pike & 1338 Morstein Road in the amount of $140,742.50, reducing the remaining financial security to $219,161.39.

October 8, 2026

EGOST 00140

Attn: Derek Davis, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

RE: **1338 Morstein Road, WCU Foundation**
Financial Security Release No. 1

Dear Derek:

We have received a request for a reduction of the financial security for the above referenced project. Based upon field inspections in conjunction with Township staff, we recommend the following release in accordance with the attached documents:

Original Escrow Amount	$	359,903.89
Released to Date	$	***0.00***
Balance Prior to This Release.....	$	359,903.89
***Recommended by This Release	$	***140,742.50***
Balance After This Release.....	$	219,161.39

Included in this release are the following items: *Construction Stakeout, Mobilization, Clearing & Demolition, Earthwork, Sediment and Erosion Control, Sanitary Sewer, Storm Sewer, Construction Contingency, and Engineering and inspections.*

In providing this information as to the status of the construction, Pennoni Associates Inc. makes no representations (except where expressly stated herein to the contrary) as to the quality of the construction to date; its final conformance with applicable plans, specifications, or municipal requirements; its ability to pass any applicable test requirements, or the cost or degree of future work, which will be required to complete the work to conform with applicable requirements. The information provided herein shall not be used by the recipient in determining any type of cost estimate except at the recipients own risk, and Pennoni Associates Inc. expressly disclaims any and all liability for claims or damages arising from any construction deficiencies hereafter discovered.

Should you have any questions or comments, please contact the undersigned.

Sincerely,
PENNONI ASSOCIATES INC.

Nathan M. Cline, PE
Township Engineer

EAST GOSHEN TOWNSHIP
1580 Paoli Pike
West Chester, PA 19380

EGOST00140
Financial Security Release No. 1
October 8, 2026

Attn: Derek Davis
Re: 1338 Morstein Road, WCU Foundation

In accordance with the Township-Builders Escrow Agreement for public improvements for the above referenced project, we hereby request public monies to be released from escrow for the following items of work which have been completed:

Item	Description of Work	Scheduled value	Previously approved	This period	Total completed	Balance to finish
1	**Construction Stakeout**					
a.	Construction Stakeout	$ 3,200.00	$ -	$ 1,600.00	$ 1,600.00	$ 1,600.00
	Subtotal	$ 3,200.00	$ -	$ 1,600.00	$ 1,600.00	$ 1,600.00
	Combined Construction Stakeout This Period - Subtotal			**$ 1,600.00**		
2	**Mobilization**					
a.	Mobilization	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00	$ -
	Subtotal	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00	$ -
	Combined Mobilization This Period - Subtotal			**$ 1,000.00**		
3	**Clearing & Demolition**					
a.	Clearing & Grubbing	$ 1,900.00	$ -	$ 1,900.00	$ 1,900.00	$ -
	Subtotal	$ 1,900.00	$ -	$ 1,900.00	$ 1,900.00	$ -
	Combined Clearing & Demolition This Period - Subtotal			**$ 1,900.00**		
4	**Earthwork**					
a.	Strip/Stockpile Topsoil	$ 8,893.28	$ -	$ 8,893.28	$ 8,893.28	$ -
b.	Cut	$ 996.40	$ -	$ 996.40	$ 996.40	$ -
c.	Fill	$ 8,232.00	$ -	$ 8,232.00	$ 8,232.00	$ -
d.	Pipe Spoils	$ 12,458.20	$ -	$ 12,458.20	$ 12,458.20	$ -
e.	Respread Topsoil	$ 3,286.08	$ -	$ -	$ -	$ 3,286.08
	Subtotal	$ 33,865.96	$ -	$ 30,579.88	$ 30,579.88	$ 3,286.08
	Combined Earthwork This Period - Subtotal			**$ 30,579.88**		
5	**Sediment and Erosion Control**					
a.	Orange Construction Protection Fencing	$ 1,944.00	$ -	$ 1,944.00	$ 1,944.00	$ -
b.	Pipeline Protection Fencing	$ 1,260.00	$ -	$ 1,260.00	$ 1,260.00	$ -
c.	Compost Filter Sock 18"	$ 2,530.44	$ -	$ 2,530.44	$ 2,530.44	$ -
d.	Inlet Protection	$ 1,866.80	$ -	$ 1,866.80	$ 1,866.80	$ -
e.	Seed and Straw Mulch (Temp)	$ 7,420.00	$ -	$ 7,420.00	$ 7,420.00	$ -
f.	E&S Maintenance	$ 1,000.00	$ -	$ -	$ -	$ 1,000.00
g.	Removal of E&S Controls	$ 1,500.00	$ -	$ -	$ -	$ 1,500.00
	Subtotal	$ 17,521.24	$ -	$ 15,021.24	$ 15,021.24	$ 2,500.00
	Combined Sediment and Erosion Control This Period - Subtotal			**$ 15,021.24**		
6	**Sanitary Sewer**					
a.	2" DR-11 Force Main	$ 6,292.60	$ -	$ 5,663.52	$ 5,663.52	$ 629.28
b.	1.25" Force Main Laterals to 5' Beyond ROW	$ 5,199.24	$ -	$ 4,679.32	$ 4,679.32	$ 519.92
c.	Sanitary Air Testing	$ 628.00	$ -	$ -	$ -	$ 628.00
	Subtotal	$ 12,120.04	$ -	$ 10,342.84	$ 10,342.84	$ 1,777.20
	Combined Sanitary Sewer This Period - Subtotal			**$ 10,342.84**		
7	**Storm Sewer**					
a.	8" HDPE	$ 16,988.50	$ -	$ 16,988.50	$ 16,988.50	$ -
b.	15" HDPE	$ 19,921.86	$ -	$ 19,921.86	$ 19,921.86	$ -
c.	Type M Inlet	$ 6,795.40	$ -	$ 5,776.09	$ 5,776.09	$ 1,019.31
d.	Type C Inlet	$ 9,680.97	$ -	$ 8,228.82	$ 8,228.82	$ 1,452.15
e.	Yard Drains	$ 6,629.22	$ -	$ 6,629.22	$ 6,629.22	$ -
f.	Full Stone Backfill Under Paving	$ 5,232.00	$ -	$ 5,232.00	$ 5,232.00	$ -
	Subtotal	$ 65,247.95	$ -	$ 62,776.49	$ 62,776.49	$ 2,471.46
	Combined Storm Sewer This Period - Subtotal			**$ 62,776.49**		
8	**Paving**					
a.	Concrete Curb	$ 13,531.50	$ -	$ -	$ -	$ 13,531.50
b.	Sidewalk and Stone	$ 38,299.20	$ -	$ -	$ -	$ 38,299.20
c.	Fine Grade Paving	$ 2,806.00	$ -	$ -	$ -	$ 2,806.00
d.	6" 2A Subbase	$ 16,172.80	$ -	$ -	$ -	$ 16,172.80
e.	4" 25mm Base Course	$ 33,657.97	$ -	$ -	$ -	$ 33,657.97
f.	2" 19mm Binder Course	$ 16,821.97	$ -	$ -	$ -	$ 16,821.97
g.	Sweep and Tack	$ 1,683.60	$ -	$ -	$ -	$ 1,683.60
h.	1.5" 9.5mm Wearing Course	$ 14,717.47	$ -	$ -	$ -	$ 14,717.47
i.	Joint Sealing	$ 349.20	$ -	$ -	$ -	$ 349.20
	Subtotal	$ 138,039.71	$ -	$ -	$ -	$ 138,039.71
	Combined Paving This Period - Subtotal			**$ -**		

EAST GOSHEN TOWNSHIP
1580 Paoli Pike
West Chester, PA 19380

EGOST00140
Financial Security Release No. 1
October 8, 2026

Attn: Derek Davis
Re: 1338 Morstein Road, WCU Foundation

In accordance with the Township-Builders Escrow Agreement for public improvements for the above referenced project, we hereby request public monies to be released from escrow for the following items of work which have been completed:

Item	Description of Work	Scheduled value	Previously approved	This period	Total completed	Balance to finish
9	Landscaping					
a.	October Glory Red Maple	$ 4,840.00	$ -	$ -	$ -	$ 4,840.00
b.	Thornless Honeylocust	$ 5,850.00	$ -	$ -	$ -	$ 5,850.00
c.	London Plane Tree	$ 605.00	$ -	$ -	$ -	$ 605.00
d.	Bass Wood	$ 3,750.00	$ -	$ -	$ -	$ 3,750.00
e.	Hornbeam	$ 1,725.00	$ -	$ -	$ -	$ 1,725.00
f.	Serviceberry	$ 2,600.00	$ -	$ -	$ -	$ 2,600.00
g.	Eastern Redbud	$ 1,200.00	$ -	$ -	$ -	$ 1,200.00
h.	Eastern Red Cedar	$ 6,375.00	$ -	$ -	$ -	$ 6,375.00
i.	Green Giant Arborvitae	$ 3,000.00	$ -	$ -	$ -	$ 3,000.00
j.	Eastern White Pine	$ -	$ -	$ -	$ -	$ -
k.	Emerald Green Arborvitae	$ -	$ -	$ -	$ -	$ -
l.	Northern Bayberry	$ 3,300.00	$ -	$ -	$ -	$ 3,300.00
m.	Arrow Wood Viburnum	$ -	$ -	$ -	$ -	$ -
n.	Inkberry Holly	$ 3,120.00	$ -	$ -	$ -	$ 3,120.00
o.	Black Chokeberry	$ -	$ -	$ -	$ -	$ -
p.	Skip Laurel	$ -	$ -	$ -	$ -	$ -
	Subtotal	$ 36,365.00	$ -	$ -	$ -	$ 36,365.00
	Combined Landscaping This Period - Subtotal			$ -		
10	Miscellaneous					
a.	As-built Plans	$ 3,000.00	$ -	$ -	$ -	$ 3,000.00
b.	Set Monuments	$ 400.00	$ -	$ -	$ -	$ 400.00
c.	Set lot Corners	$ 300.00	$ -	$ -	$ -	$ 300.00
	Subtotal	$ 3,700.00	$ -	$ -	$ -	$ 3,700.00
	Combined Miscellaneous This Period - Subtotal			$ -		
	SUBTOTAL (Items 1 through 10)	$ 312,959.90	$ -	$ 123,220.45	$ 123,220.45	$ 189,739.45
	Construction Contingency (10%)	$ 31,295.99	$ -	$ 12,322.05	$ 12,322.05	$ 18,973.94
	Engineering and Inspections (5%)	$ 15,648.00		$ 5,200.00	$ 5,200.00	$ 10,448.00
	Subtotal	$ 359,903.89	$ -	$ 140,742.50	$ 140,742.50	$ 219,161.39
	TOTAL	**$ 359,903.89**	**$ -**	**$ 140,742.50**	**$ 140,742.50**	**$ 219,161.39**
	APPROVED THIS RELEASE			**$ 140,742.50**		

610-692-7171
www.eastgoshen.org

BOARD OF SUPERVISORS

EAST GOSHEN TOWNSHIP

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

BANK ACCOUNT REDUCTION #1
CERTIFICATE OF COMPLETION

We, the undersigned, hereby certify that the work provided for in a certain Subdivision and Land Development Agreement between East Goshen Township and Grove Meadow Developers LLC, dated the 16th day of August 2026, relative to the construction and installation of certain improvements in a development located at 1375 Old Phoenixville Pike & 1338 Morstein Road, has been completed to the extent of approximately 39% representing One Hundred Forty Thousand Seven Hundred Forty-Two and 50/100 Dollars ($140,742.50). We, as Beneficiary authorize the reduction of TRUMAKR CREDIT UNION's Bank Account established and set over to East Goshen Township, pursuant to a Subdivision Financial Security Agreement dated the 18th day of August 2026, by the amount of **$140,742.50**, the new balance of the Bank Account will be Two Hundred Nineteen Thousand One Hundred Sixty-One Dollars and Thirty-Nine Cents ($219,161.39). It is agreed that the reduction of the Bank Account hereby authorized shall not be construed as acceptance of the work by said Township and said Township hereby reserves the right to reinspect the said work and to require the Developer referred to in said Agreement to correct any and all deficiencies and defects.

Date:_____

EAST GOSHENTOWNSHIP

By:_____
Township Secretary

By:_____
Township Engineer

East Goshen Township

1580 Paoli Pike
West Chester, PA 19380
610-692-7171 ext. 3103
kkrause@eastgoshen.org

October 21, 2026

TRUMARK CREDIT UNION
C/O THOMAS RUTLEDGE, AVP
COMMERCIAL LOAN OFFICER
335 COMMERCE DRIVE
FORT WASHINGTON, PA 19034

Re: **Preliminary/Final Subdivision Land Development Plan of 1375 Old Phoenixville Pike & 1338 Morstein Road**
Grove Meadow Developers, LLC
Financial Security Release Request No. 1 ($140,742.50)

Dear Mr. Rutledge,

Attached, please find a Certificate of Completion to authorize a partial release of the Financial Security for public improvements related to the development of 1375 Old Phoenixville Pike & 1338 Morstein Road in the amount of **$140,742.50.** This release will reduce the account balance from the initial amount of $359,903.89 to $219,161.39.

Please contact the Department of Code Enforcement at (610) 692-7171 if you have any questions.

Sincerely,

Kelly A. Krause
Zoning Officer, Director
Department of Code Enforcement

MEMO

Date: October 15, 2026

From: Derek Davis, Township Manager
To: Board of Supervisors
Re: 2027 General Fund Budget presentation Part 2

After covering *Part 1 of the General Fund for the 2027* budget at the October 6th meeting, we are now shifting our focus to the *2027 General Fund Budget Part 2* discussion. The General Fund is where much of our regular, everyday operations spending is pulled from, so it is the most detailed and complex.

This is still not the end of the public budget process. We will have at least two additional public meetings this fall in November and December for both the Preliminary and Final passage. Additionally, we will continue to post everything on our website so that residents, at any point this fall, can review the numbers at their leisure. You can find these presentations as well as submit budget questions on the webpage below:

https://eastgoshen.org/services/finance/budget/

The final numbers can change based on the discussions we have here and individual input we receive over the next several weeks.

We appreciate everyone's participation.

EAST GOSHEN TOWNSHIP

Respecting the Past, Serving the Present, Preparing for the Future.

2027 Preliminary Budget

GENERAL FUND

PART 2

OCTOBER 20, 2026



PEOPLE | SERVICE | COMMUNITY

A Stronger Tomorrow Together.

GENERAL FUND | 2027 PROPOSED BUDGET

Police





TOWNSHIP REVENUE

$29,492

2027 Proposed

POLICE EXPENSE

$5.5M

2027 Proposed

KEY 2027 BUDGET ITEMS

Township Revenue

District Court Fines	**$20,000**
East Goshen Township Fines	**$5,000**
Vehicle Code Violations – State Fines	**$4,492**

Police Budget

Police General Expense- (East Goshen's Portion) WEGO Police Budget is attached and includes Total Revenue, Payroll Expenses, Benefits Expenses, Vehicle Expenses, and Other Expenses	**$ 5,445,958**
Capital Contribution – Police Building	**$22,650**

GENERAL FUND | 2027 PROPOSED BUDGET

Emergency Services





FIRE & EMS

$913,124

2027 Proposed

COMBINED NET RESULT

($1.1M)

Fire , EMS & Other Emergency Services

KEY 2027 BUDGET ITEMS

Fire & EMS

Good Fellowship Club of Chester County	$88,337.26
Goshen Fire Company	$774,787.00
Malvern Fire Company	$50,000
	$913,124

Other Emergency Services

Hydrant & Water Service	$103,020
S.P.C.A. Contract	$14,000
Volunteer Firefighter Workers Comp	$41,000
Firefighter Stipend for PW	$24,000

Authorities, Boards, and Commissions



Blacksmith Shop



EGT Walking Path

2027 PROPOSED REVENUE
$1,000
Blacksmith Revenue

2027 PROPOSED EXPENSE
$6,500
Total ABC's Expense

NET RESULT
($5,500)
Revenue less Expense

KEY 2027 BUDGET ITEMS

Blacksmith Shop/Historical

Revenue	
Blacksmith Revenue	$1,000
Expenses	
Blacksmith Supplies	$1,500
Professional Services - Pest Control	$1,000

ABCs Expenses

ESAC - Sustainability Committee Expenses	$2,000
Conservancy - Expenses	$2,000

GENERAL FUND | 2027 PROPOSED BUDGET

Pass-Through Accounts







2027 PROPOSED REVENUE

$3.4M

Pass-through funds

2027 PROPOSED EXPENSE

$3.4M

Pass-through funds

NET RESULT

$0

No net impact

2027 PASS-THROUGH ACTIVITY

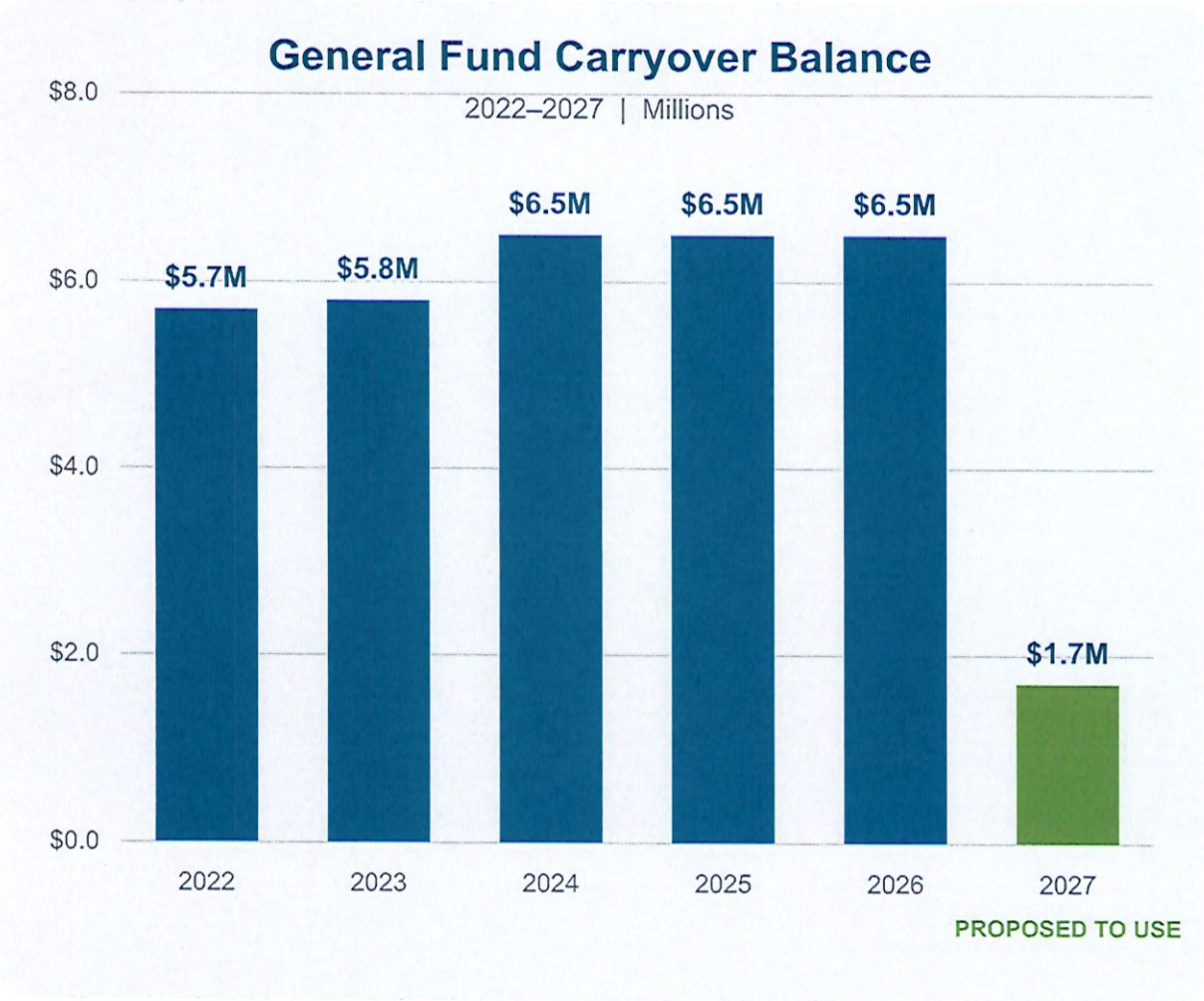
Pass-Through Revenue

Fire Co. Reimbursement	$2,992,368
Volunteer FF Relief Association	$166,705
FF Pension – State Aid	$149,089
Hydrants –Recharge	$40,118
Volunteer Company Fuel Charges	$40,000

Pass-Through Expense

Fire Co. Reimbursement	$2,992,368
Volunteer FF Relief Association	$166,705
FF Pension – State Aid	$149,089
Hydrants –Recharge	$40,118
Volunteer Company Fuel Charges	$40,000

General Fund Carryover Balance



WHAT IS CARRYOVER?

Carryover is the remaining General Fund balance after the year's revenues are received and expenses are paid. It becomes the starting balance for the next year's budget.

HELPS KEEP TAXES STABLE

Using a portion of carryover in 2027 helps fund the budget without increasing real estate taxes, in addition to the sewer and trash rate increases.

BUDGET PLANNING

We budget for expected expenses, but actual costs may be lower. If revenues are higher than expected or expenses are lower, the Township may not need to use the full amount of carryover budgeted.

WINTER WEATHER

The budget includes money for potential snow and ice removal. These costs depend on how much snow and ice we experience, so the actual amount spent may be higher or lower than budgeted.

Responsible planning in the past gives us greater flexibility for the year ahead.

Why Is the 2027 Budget Higher?

The proposed budget reflects increases in public safety, equipment replacement, staffing, and winter operations.



HIGHWAY & PUBLIC WORKS

+$648,417

Highway equipment, traffic signals, wages, and snow operations



PUBLIC SAFETY

+$462,698

Police expenses and volunteer fire company contributions



BUILDINGS & FACILITIES

+$262,125

Township building repairs and maintenance.

WHAT IS DRIVING THE INCREASE?

1



Planned Replacements

Building and highway equipment and infrastructure needs.

2



Staffing & Service Costs

Higher proposed wages in administration, highways, parks, and snow operations.

3



Winter & Infrastructure Needs

Snow and stormwater costs are higher, along with continued maintenance.

GENERAL FUND | 2027 THE Biggest Expense Increases

2026 adopted amounts compared with the 2027 proposed budget.

Public Works - Highways, Roads & Streets

Traffic signal maintenance & repair*; highway salaries*; snow salaries*; snow materials & supplies*; vehicle maintenance & repairs; highway equipment capital replacement.

2026 Adopted	2027 Proposed	Variance
$1,075,592	$1,724,009	$648,417

Public Safety

Police expenses and volunteer fire company contributions.

2026 Adopted	2027 Proposed	Variance
$5,896,385	$6,359,082	$462,698

General Government Buildings & Plant

Building capital replacement, maintenance & repairs, and utilities.

2026 Adopted	2027 Proposed	Variance
$229,243	$491,368	$262,125

General Government

Consulting, newsletters and administration salaries.

2026 Adopted	2027 Proposed	Variance
$212,950	$438,110	$225,160

** Expenses that may be partially or 100% reimbursed from other funds.*

Other increases to the 2027 budget

These additional categories are part of the $1,920,731 total of selected increases.

Parks

Park salaries, maintenance and repairs*, and capital replacement.

2026 Adopted	2027 Proposed	Variance
$307,111	$470,606	$163,495

Participant Recreation

Field trips, tennis, and Catalina Wine Mixer.

2026 Adopted	2027 Proposed	Variance
$33,500	$79,419	$45,919

Planning & Zoning

Planning salary and engineering services.

2026 Adopted	2027 Proposed	Variance
$107,981	$152,711	$44,730

Public Works – Sanitation

Stormwater materials*.

2026 Adopted	2027 Proposed	Variance
$75,000	$100,000	$25,000

TOTAL OF SELECTED INCREASES	$1,920,731

** Expenses that may be partially or 100% reimbursed from other funds.*

Some Costs May Be Reimbursed by Other Funds

A higher General Fund expense does not always mean the Township pays the full cost from the General Fund.

YEAR-END PROCESS Eligible expenses are reviewed for appropriate reclassifications or transfers. Only properly supported, documented, and recorded amounts will be transferred



LIQUID FUELS FUND

Eligible road and snow costs

May offset eligible highway wages, paving, snow removal, materials, and certain stormwater-related costs, subject to PennDOT requirements and available funds.



INFRASTRUCTURE SUSTAINABILITY FUND

Park maintenance and repairs

May help cover eligible park maintenance, repairs, and other qualifying infrastructure work, depending on the fund's permitted uses.



TRANSPORTATION FUND

Traffic signal repairs

A year-end transfer may offset a portion of eligible traffic signal maintenance and repair expenses.



HOW TO READ THE BUDGET

Budgeted expense vs. net cost

The budget shows the expense before any eligible year-end transfer. The final General Fund cost may be lower after supported reclassifications.

Transfers are completed only when eligible costs are documented and supported.

2027 General Fund Budget – Cost Savings & Funding Options

As part of the 2027 budget review, additional opportunities are being explored to reduce General Fund expenditures, identify alternative funding sources, and limit the amount of carryover needed to balance the budget.

1. Police Pension MMO – Potential Use of Police Trust

Explore using $417,729 from the Police Trust to pay the Township's portion of the Police pension Minimum Municipal Obligation (MMO). Any use of these funds would be subject to confirmation by the Township Solicitor and pension professionals.

2. Ongoing Expense Review and Cost Savings

The Township will continue reviewing expenses across all departments to identify potential savings. This includes evaluating the snow and ice removal budget and other expense lines that have increased significantly, while maintaining essential services. The Township will also review departmental fee schedules to identify potential adjustments.

3. Alternative Funding Sources

Review expenses to identify costs that may be eligible for payment or reimbursement from other Township funds, where permitted.

4. Potential Additional Revenue

The following is a preliminary summary of categories referenced in Section 3205 of the Pennsylvania Second Class Township Code as potential revenue options under state law. This information is provided for informational purposes only; no action or vote is being requested at this time.

Tax Type	Potential use of funds
General township real estate	General operating expenses
Highway lighting	Lighting highways, roads, and public places
Public buildings	Acquiring land, constructing public buildings, and related debt
Fire protection	Fire apparatus, fire company contributions, training, and fire protection
Fire hydrant	Establishing and maintaining fire hydrants and water service
Parks and recreation	Parks, playgrounds, pools, and recreation facilities
Ambulance and emergency services	Supporting ambulance, rescue, and other emergency services
Street, sidewalk, water, and sewer improvement revolving fund	Financing eligible improvements before collecting property-owner assessments
Road equipment	Dedicated fund used exclusively to purchase road equipment

Source: Pennsylvania Second Class Township Code, Section 3205. This table is for preliminary discussion and is not a legal determination.

Potential Future Police Funding Legislation

House Bill 2688 was reported as proposing up to 3 mills for local police departments following voter approval. Its current legislative status and whether it has become law should be verified before treating it as an available revenue option.

Description	Account #	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2026 Actual 9/30/26	2027 Proposed
Police Revenue								
CREDIT ISSUED FROM POLICE	01-331-0900	-	-	-	-	-	-	-
DISTRICT COURT FINES	01-331-1000	10,983	16,507	22,549	20,945	20,000	13,381	20,000
EAST GOSHEN TWP FINES	01-331-1200	4,833	4,818	3,804	6,887	5,000	3,541	5,000
VEHICLE CODE VIOLATIONS,STATE FINES	01-331-1100	7,144	7,033	6,842	6,538	5,000	3,369	4,492
Total Police Revenue		**22,961**	**28,358**	**33,195**	**34,369**	**30,000**	**20,292**	**29,492**
Police Expense								
CAPITAL CONTRIBUTION - OTHER POLICE	01-410-5340	-	-	-	-	-	-	-
POST RETIREMENT HEALTH BENEFITS	01-410-3150	-	-	-	-	-	-	-
CAPITAL CONTRIBUTION - POLICE BLDG	01-410-5330	20,600	21,100	21,650	22,150	22,650	22,650	22,650
CONTRIBUTION TO WEGO PENSION TRUST	01-410-5360	-	-	-	-	-	-	-
INTEGRATION STUDY	01-410-5350	-	-	-	-	-	-	-
POLICE ARBITRATION AND LEGAL FEES	01-410-3140	1,150	4,050	-	-	-	-	-
POLICE GEN.EXPENSE	01-410-5300	3,991,623	4,278,382	5,596,008	4,924,604	5,054,750	3,605,617	5,445,958
REGIONAL POLICE BLDG INTEREST	01-410-5310	13,026	11,049	-	-	-	-	-
REGIONAL POLICE BLDG PRINCIPAL	01-410-5320	109,474	113,653	-	-	-	-	-
Total Police Expense		**4,135,873**	**4,428,234**	**5,617,658**	**4,946,754**	**5,077,400**	**3,628,267**	**5,468,608**
Total Police Net Result		**(4,112,912)**	**(4,399,875)**	**(5,584,464)**	**(4,912,385)**	**(5,047,400)**	**(3,607,976)**	**(5,439,116)**

WESTTOWN-EAST GOSHEN POLICE DEPARTMENT

2027 Proposed Budget Version 4

PAYROLL EXPENSES	Actual 2024	Actual 2025	Approved 2026	As of June 2026	Projected 2026	Proposed 2027
CHIEF OF POLICE	$179,656.36	$55,278.88	$191,985.27	$103,376.70	$199,369.35	$200,144.64
LIEUTENANT	$313,068.86	$332,246.56	$352,093.71	$176,066.66	$339,557.13	$340,877.63
SERGEANTS & 1 CORPORAL	$921,749.33	$945,727.00	$881,191.26	$553,267.94	$1,008,937.03	$1,186,498.96
FULL-TIME OFFICERS	$2,397,209.80	$2,466,258.55	$2,884,711.41	$1,263,007.08	$2,760,630.66	$2,677,437.42
PART-TIME OFFICERS	$65,995.90	$44,610.72	$0.00	$0.00	$0.00	$0.00
OFFICE STAFF	$346,293.21	$288,208.76	$392,610.00	$127,274.47	$257,265.47	$305,000.00
VACATION	$111,820.08	$130,706.34	$102,566.69	$103,115.36	$120,000.00	$125,100.00
SICK	$163,066.09	$153,737.37	$203,842.80	$77,062.81	$143,116.65	$149,199.10
COMP	$24,210.68	$53,816.83	$33,154.76	$62,677.91	$116,401.83	$121,348.91
PERSONAL	$39,072.89	$47,110.90	$54,934.66	$23,642.43	$55,000.00	$57,337.50
COURT	$24,623.46	$22,257.95	$19,624.35	$19,253.33	$37,131.42	$38,709.51
LONGEVITY & Accreditation Bonus	$139,883.87	$142,274.56	$157,078.75	$127,345.94	$157,078.75	$162,397.00
OVERTIME	$96,967.13	$61,873.02	$99,105.34	$28,343.36	$54,662.19	$56,985.34
SHIFT DIFFERENTIAL	$46,485.74	$48,069.39	$49,507.71	$27,300.02	$52,650.04	$54,887.67
HOLIDAYS 13-1/2 DAYS PER YEAR	$67,593.88	$60,494.81	$71,281.43	$34,357.30	$66,260.51	$69,076.58
COMMUNITY EVENTS (BIKE UNIT OT)	$0.00	$0.00	$0.00	$0.00	$0.00	$20,000.00
SCHOOL & FIREARMS TRNG.	$59,980.99	$30,925.68	$61,512.68	$20,134.68	$45,000.00	$64,126.97
TRAINING- NEW HIRES	$13,509.20	$0.00	$53,227.20	$0.00	$0.00	$0.00
MISCELLANEOUS- entirely refunded	$121,806.75	$133,098.82	$0.00	$80,332.13	$0.00	$0.00
DETECTIVE ALLOWANCE	$3,900.00	$3,900.00	$3,900.00	$1,875.00	$3,900.00	$3,900.00
WORK COMP PAY, partially refunded	$0.00	$0.00	$0.00	$3,760.67	$11,282.01	$0.00
TOTAL PAYROLL EXPENSES	**$5,136,894.22**	**$5,020,596.14**	**$5,612,328.02**	**$2,832,193.79**	**$5,428,243.05**	**$5,633,027.23**
						0.37%

BENEFIT EXPENSES	Actual 2024	Actual 2025	Approved 2026	As of June 2026	Projected 2026	Proposed 2027
SOCIAL SECURITY & MED.	$386,243.41	$379,578.54	$428,655.09	$217,468.80	$415,260.59	$430,926.58
UNEMPLOYMENT COMP	$0.00	$0.00	$8,500.00	$0.00	$0.00	$8,500.00
DENTAL	$56,038.52	$50,151.72	$54,000.00	$32,341.88	$64,683.76	$67,917.95
EYE CARE	$19,577.64	$18,739.07	$25,000.00	$11,837.37	$23,674.74	$25,000.00
PHYSICALS	$105.00	-$258.00	$1,000.00	$4,295.00	$4,295.00	$1,000.00
CLEANING ALLOWANCE	$25,279.03	$23,862.75	$25,500.00	$10,875.00	$21,750.00	$24,750.00
CLOTHING ALLOWANCE	$3,510.00	$3,510.00	$3,510.00	$1,755.00	$3,510.00	$3,510.00
SHOE ALLOWANCE	$13,550.00	$12,550.00	$13,500.00	$0.00	$11,200.00	$13,600.00
HEALTH CLUB	$5,243.52	$3,352.30	$5,000.00	$3,407.45	$5,000.00	$5,000.00
PRIVATE EDUCATION	$13,056.45	$500.00	$6,500.00	$0.00	$2,500.00	$8,000.00
UNIFORMS	$19,774.51	$19,583.39	$52,000.00	$25,151.07	$52,000.00	$53,560.00
INSURANCE HEALTH-BC/BS changed to DVHT 11/1/2020	$865,460.32	$849,642.70	$781,600.00	$392,838.80	$785,677.60	$998,158.84
INSURANCE LIFE & DISABIL.	$66,328.55	$66,298.61	$67,768.29	$40,424.44	$67,768.28	$71,156.69
WORK COMP- MRM TRUST	$209,885.06	$314,331.00	$269,400.00	$105,450.00	$269,400.00	$269,634.00
PUBLIC OFF & POLICE PROF.	$86,293.00	$78,183.00	$88,132.00	$8,184.62	$88,132.00	$79,746.66
RETIREMENT HEALTH BENEFITS	$201,614.48	$207,585.80	$206,900.00	$149,383.16	$250,500.00	$323,580.36
457 K PLAN CONTRIBUTIONS	$20,334.43	$20,392.50	$69,300.00	$31,476.94	$62,953.88	$72,245.00
WEGO POLICE PENSION	$1,479,021.00	$1,474,717.00	$1,024,235.00	$0.00	$1,024,235.00	$1,132,149.00
WEGO NON-UNIFORM PENSION	$0.00	$0.00	$13,008.00	$0.00	$13,008.00	$13,008.00
TOTAL BENEFIT EXPENSES	**$3,471,314.92**	**$3,522,720.38**	**$3,143,508.38**	**$1,034,889.53**	**$3,165,548.85**	**$3,601,443.09**
						14.57%

2027 Proposed Budget Version 4

VEHICLE EXPENSES	Actual 2024	Actual 2025	Approved 2026	As of June 2026	Projected 2026	Proposed 2027
VEHICLE INSURANCE	$142,442.00	$52,638.28	$105,268.00	$59,412.00	$105,268.00	$104,232.33
VEHICLE MAINTENANCE	$51,535.25	$80,772.86	$81,157.92	$35,767.65	$71,535.30	$81,000.00
VEHICLE TIRES/REPAIR	$14,302.52	$8,096.36	$18,800.00	$6,174.22	$12,348.44	$14,000.00
VEHICLE MISCELLANEOUS	$7,723.13	$8,713.10	$10,000.00	$5,010.72	$10,021.44	$10,000.00
VEHICLE REPLACEMENT	$234,546.06	$274,292.23	$244,007.49	$107,093.09	$245,000.00	$216,953.43
VEHICLE GASOLINE	$99,347.03	$73,012.37	$78,750.00	$46,068.14	$92,136.28	$96,743.09
TOTAL VEHICLE EXPENSES	$549,895.99	$497,525.20	$537,983.41	$259,525.82	$536,309.46	$522,928.85
						-2.80%

OTHER EXPENSES	Actual 2024	Actual 2025	Approved 2026	As of June 2026	Projected 2026	Proposed 2027
LEGAL FEES	$48,316.03	$46,175.30	$50,000.00	$11,125.00	$22,250.00	$20,000.00
OFFICE SUPPLIES	$8,491.51	$4,915.51	$8,000.00	$5,143.87	$8,000.00	$8,000.00
POLICE SUPPLIES	$328,804.91	$164,092.74	$87,411.00	$45,172.73	$90,000.00	$90,000.00
CAMERA/FILM SUPPLIES	$2,075.63	$0.00	$10,000.00	$211.80	$5,000.00	$5,000.00
COPIER	$1,683.00	$5,903.16	$6,200.00	$2,581.53	$6,200.00	$6,200.00
POSTAGE	$1,198.79	$1,014.62	$1,500.00	$632.53	$1,500.00	$1,500.00
PRINTING	$1,361.14	$0.00	$2,000.00	$0.00	$1,500.00	$1,500.00
COMPUTERS	$129,657.97	$135,292.80	$134,000.00	$80,565.25	$134,000.00	$183,937.00
CRIMINAL INVESTIGATION UNIT	$8,146.08	$3,120.18	$8,500.00	$3,371.33	$8,500.00	$8,500.00
TRAFFIC UNIT	$10,720.85	$6,963.33	$9,270.00	$3,543.92	$9,270.00	$49,000.00
BIKE PATROL UNIT	$379.21	$0.00	$7,200.00	$5,016.46	$7,200.00	$5,000.00
CIT. POL. ACADEMY/PUBLIC EDUC.	$24,644.18	$3,283.51	$3,000.00	$2,581.67	$3,000.00	$3,000.00
FIREARMS SUPPLIES/TRNG.	$12,949.10	$18,744.43	$27,200.00	$15,819.45	$31,638.90	$27,200.00
GENERAL EXPENSE	$72,486.29	$105,375.04	$50,000.00	$88,109.67	$176,219.34	$150,000.00
COMMUNICATION	$43,695.46	$39,397.96	$4,200.00	$25,253.57	$42,000.00	$42,000.00
RADIO PURCHASE/REPAIR	$4,794.11	$2,972.50	$6,500.00	$18,535.46	$6,500.00	$6,500.00
SCHOOL/TRAINING EXPENSE	$24,368.09	$10,370.24	$25,000.00	$5,081.18	$10,162.36	$17,000.00
SCHOOL/TRAINING TUITION	$17,523.66	$16,584.20	$27,134.00	$19,798.68	$27,134.00	$35,000.00
BUILDING EXPENSE	$190,744.49	$182,534.83	$189,000.00	$83,946.29	$189,000.00	$194,670.00
EG SUBSTATION- RENT	$10,443.07	$9,493.70	$11,400.00	$6,645.59	$11,400.00	$11,400.00
ACCREDITATION FEES	$10,616.18	$38,186.48	$42,500.00	$13,495.83	$26,991.66	$45,000.00
PAYROLL - DIRECT DEPOSIT CHGE	$4,285.25	$4,089.25	$4,400.00	$2,183.25	$4,366.50	$4,400.00
PHONES - sinking fund	$1,500.00	$1,500.00	$1,500.00	$0.00	$1,500.00	$1,500.00
WEAPONS - sinking fund	$1,000.00	$1,000.00	$1,000.00	$0.00	$1,000.00	$1,000.00
COMPUTERS - sinking fund	$5,000.00	$5,000.00	$5,000.00	$0.00	$5,000.00	$5,000.00
LICENSE PLATE READER-sinking fund	$6,000.00	$6,000.00	$6,000.00	$0.00	$6,000.00	$6,000.00
MOBILE VIDEO RECORDER - sinking fund	$5,000.00	$5,000.00	$5,000.00	$0.00	$5,000.00	$5,000.00
PORTABLE RADIOS - sinking fund	$14,000.00	$14,000.00	$0.00	$0.00	$0.00	$0.00
SECURITY CAMERA - sinking fund	$8,000.00	$8,000.00	$8,000.00	$0.00	$8,000.00	$8,000.00
DRONE - sinking fund	$0.00	$0.00	$0.00	$0.00	$0.00	$2,000.00
TASER - sinking fund	$1,000.00	$1,000.00	$1,000.00	$0.00	$1,000.00	$5,000.00
BODY CAMERAS - sinking fund	$7,500.00	$7,500.00	$7,500.00	$0.00	$7,500.00	$7,500.00
EMERGENCY RESPONSE TEAM	$10,000.00	$9,565.58	$10,000.00	$5,470.15	$10,000.00	$10,000.00
TOTAL OTHER EXPENSE	$1,016,385.00	$857,108.71	$759,415.00	$440,846.33	$866,832.76	$965,807.00
						27.18%

TOTAL BUDGET	$10,174,490.13	$9,897,950.43	$10,053,234.81	$4,567,455.47	$9,996,934.12	$10,723,206.17
						6.66%
						$10,612,706.17
						5.27%

WESTTOWN-EAST GOSHEN POLICE
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RECEIPTS	Actual 2024	Actual 2025	Approved 2026	As of June 2026	Projected 2026	Proposed 2027
Carry over from previous Budget	$30,000.00	$0.00	$225,000.00	$0.00	$0.00	$50,000.00
Westtown Township	$4,081,831.71	$3,941,284.23	$4,041,114.78	$2,001,945.21	$4,041,114.78	$4,366,579.33
East Goshen Township	$5,090,823.79	$4,915,534.31	$5,040,042.03	$2,496,808.07	$5,040,042.03	$5,445,958.48
Receipts: Parking	$705.00	$175.00	$8,000.00	$670.00	$8,000.00	$8,000.00
Police Reports	$6,007.50	$6,448.00		$3,135.00		
Fingerprint Income	$700.00	$300.00		$320.00		
Interest	$168.34	$188.43		$63.98		
Health Care Contribution	$0.00	$0.00	$16,990.00	$0.00	$16,000.00	$16,000.00
Miscellaneous Income and GRANTS	$509,140.64	$418,299.39	$80,000.00	$146,876.41	$170,000.00	$85,000.00
Refund of Retirement Insurance Premiums from Reserve	$0.00	$0.00	$212,000.00	$0.00	$212,000.00	$323,580.36
Work Comp refund	$0.00	$10,526.00	$0.00	$0.00	$11,282.01	$0.00
Special Detail refund	$159,392.28	$152,089.48	$0.00	$123,801.00	$130,000.00	$0.00
Sale of Police Vehicles	$0.00	$36,602.00	$40,000.00	$23,700.00	$40,000.00	$40,000.00
Pension - Act 205 receipts	$415,242.64	$0.00	$375,000.00	$0.00	$375,000.00	$375,000.00
Pension - Act 205 receipts- non uniformed	$0.00	$413,271.47	$13,088.00	$0.00	$13,088.00	$13,088.00
Dare Donations	$0.00	$0.00	$2,000.00	$0.00	$0.00	$0.00
TOTAL RECEIPTS	**$10,294,011.90**	**$9,894,718.31**	**$10,053,234.81**	**$4,797,319.67**	**$10,056,526.82**	**$10,723,206.17**

FORMULA for TWP Contributions	2026 Approved		2027 Approved	
Receipts total before WT & EG Contr.	$972,078.00	Receipts total before WT & EG Contr.	$910,668.36	
Total Budget	$10,053,234.81	Total Budget	$10,723,206.17	
Shared costs	$9,081,156.81	Shared costs	$9,812,537.81	
WT's portion 44.50%	$4,041,114.78	WT's portion 44.50%	$4,366,579.33	8.05%
EG's portion 55.50%	$5,040,042.03	EG's portion 55.50%	$5,445,958.48	8.05%

Capital Contributions	2026 Approved	2027 Approved	Difference
Total amount due	$45,300.00	$45,300.00	$0.00
WT's portion	$22,650.00	$22,650.00	$0.00
EG's portion	$22,650.00	$22,650.00	$0.00

Reserve Funds aka Sinking Funds	Est. Balance 12/25	Est. Balance 12/26	Expected year to purchase
INTEREST	$777.90	$822.90	Interest deposited estimated only for 2026
PHONES	$25,000.00	$26,500.00	2027 would likely be a new purchase
WEAPONS	$25,000.00	$1,000.00	2024
COMPUTERS & Communication	$27,242.03	$5,000.00	Grant 2023
VEHICLES - do we want to begin this again?	$0.00	$0.00	We no longer save for vehicles, moved to MVR, Body Cams, Computers
LICENSE PLATE READER (LPR)	$75,856.00	$81,856.00	Grant 2023
MOBILE VIDEO RECORDER (MVR)	$41,585.74	$46,585.74	Grant 2023
PORTABLE RADIOS	$168,000.00	$168,000.00	Unknown at this time
SECURITY CAMERAS	$71,984.16	$79,984.16	Ongoing
TASERS	$45,240.00	$46,240.00	11 years old in 2025
BODY CAMERAS	$41,201.00	$48,701.00	Grant 2023
LIVE SCAN	$0.00	$0.00	TBD - if central booking is approved for the county, we won't need livescan
BALANCE	**$521,886.83**	**$504,689.80**	

Description	Account #	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2026 Actual 9/30/26	2027 Proposed
Other Emergency Services Revenue								
SPCA RECHARGED FEES	01-410-5401	-	-	-	-	-	-	-
Total Other Emergency Services Revenue		-	-	-	-	-	-	-
Other Emergency Services Expenses								
CONTRIB. TO VOL. FIRE CO.	01-411-5000	400,594	488,382	535,727	572,310	841,635	841,635	913,124
CONTRIB. TO VOL. FIRE CO.	01-411-5200	-	-	-	-	-	-	-
EMERGENCY MANAGEMENT COORDINATOR EX	01-411-3001	-	-	-	-	-	-	-
ER PAYROLL TAXES - FIRE FIRE STIPEN	01-487-1635	-	-	-	-	1,728	-	-
FIREFIGHTER STIPEND FOR PW	01-411-1301	8,800	9,500	17,200	21,400	21,600	17,800	24,000
HYDRANT & WATER SERVICE	01-411-3630	80,078	84,176	84,083	92,546	100,000	71,619	103,020
S.P.C.A. CONTRACT	01-410-5400	9,492	11,048	11,448	20,632	14,057	7,684	14,000
VOLUNTEER FIREFIGHTER WORKERS COMP	01-411-6000	47,599	40,619	37,294	42,553	40,000	30,010	41,000
Total Other Emergency Services Expense		546,562	633,725	685,753	749,441	1,019,020	968,748	1,095,144
Total Other Emergency Services Net Result		(546,562)	(633,725)	(685,753)	(749,441)	(1,019,020)	(968,748)	(1,095,144)

Description	Account #	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2026 Actual 9/30/26	2027 Proposed
ABC's Revenue								
BLACKSMITH REVENUE	01-361-3425	1,256	928	1,116	766	1,000	261	1,000
Total ABC's Revenue		1,256	928	1,116	766	1,000	261	1,000
ABC's Expense								
ABC APPRECIATION EVENT	01-401-3410	-	5,065	-	2,281	-	7,983	-
GENERAL EXPENSE	01-462-2492	-	180	-	-	-	-	-
*ESAC TOTAL**		*1,579*	*1,893*	*447*	*242*	-	*630*	*2,000*
*CONSERVANCY TOTAL**		*2,241*	*1,235*	*4,594*	*779*	-	*1,508*	*2,000*
*BLACKSMITH SHOP/HISTORICAL TOTAL**		*2,328*	*621*	*1,313*	*1,075*	-	*773*	*2,500*
*PIPELINE**		-	-	-	-	-	-	-
Total ABC's Expense		6,148	8,994	6,354	4,377	-	10,894	6,500
Total ABC's Net Result		(4,892)	(8,066)	(5,238)	(3,611)	1,000	(10,632)	(5,500)
Intergovernmental Transfers Expense								
*ADDITIONAL TRNSFR TO OTHER FUNDS**		*450,580*	-	-	-	-	-	-
Total Intergovernmental Transfers Expense		450,580	-	-	-	-	-	-

* Total includes multiple budget lines.

EAST GOSHEN TOWNSHIP PASS-THROUGH FUNDS PROPOSED 2027 BUDGET

GENERAL FUND PASS-THROUGH ACCOUNTS

Description	Account #	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2027 Proposed
FIREFIGHTER REVENUE							
FF SHARE OF INSURANCE DIVIDENDS	01-380-0121	48,232	-	-	-	-	
PAID FIRE CO. REIMB. - REVENUE	01-380-0130	2,072,827	2,388,711	2,381,858	2,634,423	2,825,458	2,992,368
TOTAL FIREFIGHTER REVENUE		2,121,058	2,388,711	2,381,858	2,634,423	2,825,458	2,992,368
FIREFIGHTER EXPENSE							
FIREFIGHTERS - WAGE EXPENSE	01-411-1300	1,578,427	1,750,355	1,788,247	1,907,530	2,000,000	2,180,418
FIREFIGHTERS - HEALTH INS EXPENSE	01-411-2000	288,612	309,810	327,758	334,923	400,000	379,803
FIRE CO. PAYROLL PROCESS - EXPENSE	01-411-2300	7,881	16,951	6,875	48,046	53,052	52,970
FIRE CO. WORKERS COMP INS - EXPENSE	01-411-2500	86,751	124,880	98,360	141,343	161,250	155,831
FIRE CO. PAYROLL TAX - EXPENSE	01-487-1660	127,910	143,480	127,730	154,508	162,868	170,345
VALIC - ER	01-487-1661	9,060	12,764	9,943	9,381	14,175	10,342
INR 457 - ER	01-487-1665	22,417	30,471	22,946	38,693	34,113	42,659
TOTAL FIREFIGHTER EXPENSE		2,121,058	2,388,711	2,381,858	2,634,423	2,825,458	2,992,368
Total Firefighter Net Result		-	-	-	-	-	-
HYDRANTS							
HYDRANTS - RECHARGE REVENUE	01-383-1200	30,474	31,933	31,795	35,143	38,934	40,118
HYDRANTS - RECHARGE EXPENSE	01-411-3631	30,474	31,933	31,795	35,143	38,934	40,118
Total Hydrants Net Result		-	-	-	-	-	-
VOLUNTEER FF RELIEF ASSOCIATION							
VOL.FIRE RELIEF ASSOC.- REVENUE	01-355-1000	155,916	160,350	159,458	166,150	166,706	166,705
VOL.FIRE RELIEF ASSOC.- EXPENSE	01-411-5250	155,916	160,350	159,458	166,150	166,706	166,705
Total Volunteer FF Relief Assoc. Net Result		-	-	-	-	-	-
PENSION FIREFIGHTERS							
FF PENSION - REVENUE (STATE AID)	01-355-0515	124,083	132,074	142,575	184,706	124,622	149,089
FF PENSION - EXPENSE	01-483-5320	124,083	132,074	142,575	184,706	124,622	149,089
Total Pension Firefighters Net Result		-	-	-	-	-	-
FIREFIGHTERS FUEL CHARGES							
FIRE COMPANY FUEL - REVENUE	01-380-0129	45,863	41,720	33,556	33,802	37,000	40,000
FIRE COMPANY FUEL - EXPENSE	01-411-1320	45,863	41,720	33,556	33,802	37,000	40,000
Total Firefighters Fuel Recharges Net Result		-	-	-	-	-	-
TOTAL REVENUES		2,477,394	2,754,788	2,749,242	3,054,224	3,192,720	3,388,279
TOTAL EXPENSES		2,477,394	2,754,788	2,749,242	3,054,224	3,192,720	3,388,279
NET RESULTS		-	-	-	-	-	-

General Fund Revenue/Expenditure Summary

	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2027 Proposed	Difference $
Carryover Balance	5,739,288	5,829,155	6,452,830	6,414,760	6,475,925	6,475,925	
Revenue Accounts							
Use of Carryover Buget	-	-	-	-	-	1,673,122	1,673,122
Local Enabling Taxes	8,995,035	9,682,662	10,070,382	10,096,086	10,151,193	9,946,401	(204,792)
License & Permits	425,554	415,050	395,988	380,467	369,500	343,134	(26,366)
Fines	69,505	54,258	119,045	119,123	62,200	53,492	(8,708)
interest Earnings	102,835	312,151	325,667	259,901	225,000	246,172	21,172
Rents	103,066	105,846	105,815	107,723	110,618	11,392	(99,225)
State Shared Rev & Entitlement	134,604	161,508	198,354	194,099	207,700	193,681	(14,019)
General Government	33,517	58,470	57,324	49,055	101,000	61,000	(40,000)
Public Safety	460,155	457,989	416,277	437,776	435,700	447,396	11,696
Highway & Streets	1,195	1,569	1,713	11,393	1,000	3,589	2,589
Culture & Recreation	182,721	246,222	330,429	373,335	369,600	404,122	34,522
Miscelleous Revenue	316,288	249,351	232,465	152,172	121,500	94,202	(27,298)
Interfund Operating Transfers	1,162,528	1,290,095	1,259,027	1,231,762	1,256,500	1,733,730	477,230
Total Revenues	11,987,004	13,035,173	13,512,484	13,412,892	13,411,511	15,211,435	1,799,924
Expense Accounts							
General Government	1,071,816	1,153,352	1,096,508	1,225,425	1,176,888	1,386,740	209,852
Tax Collection	119,098	114,705	109,918	115,200	116,575	126,813	10,238
General Government Building & Plant	599,940	629,456	344,105	279,635	349,832	583,811	233,979
Public Safety	4,682,436	5,067,982	6,304,156	5,696,924	6,094,691	6,565,505	470,814
Planning & Zoning	373,157	395,602	452,991	472,560	484,832	523,016	38,184
Recycling	15,912	16,270	16,173	18,779	17,000	21,000	4,000
Public Works - Sanitation	351,289	487,182	431,707	490,980	479,040	376,321	(102,718)
Public Works - Highways Roads & Streets	2,045,762	2,180,131	2,095,270	2,366,832	2,015,892	2,499,646	483,754
Participant Recreation	296,126	374,383	467,712	492,972	456,602	533,123	76,522
Parks	410,528	411,744	423,608	479,452	389,005	577,679	188,674
Conservation & Development	2,241	1,235	4,594	779	0	2,000	2,000
Historical	2,328	801	1,313	1,075	0	2,500	2,500
Debt Services	550,077	548,790	461,400	465,000	463,400	461,700	(1,700)
Pension Fund Contribution	132,827	148,345	177,355	131,502	194,050	184,050	(10,000)
Insurance Premiums	573,834	758,798	821,034	870,932	870,815	1,070,355	199,540
Employee Benefits	223,966	241,080	254,696	290,597	301,623	297,177	(4,446)
Interfund Transfers	450,580	0	0	0	0	0	0
Total Expenditures	11,901,916	12,529,856	13,462,541	13,398,644	13,410,244	15,211,435	1,801,191
Net = Revenue - Expenses	85,088	505,316	49,943	14,248	1,267	(0)	
Proposed Remaining Carry Over Balance						4,802,803	

General Fund Large Expense Budget Lines

Account #	Description	2022 Actual	2023 Actual	2024 Actual	2025 Actual	2026 Budget	2027 Proposed	Difference
Public Safety								
01-410-5300	POLICE GEN.EXPENSE	3,991,623.12	4,278,382.17	5,596,008.23	4,924,604.07	5,054,749.53	5,445,958.00	391,208.47
01-411-5000	CONTRIB. TO VOL. FIRE CO.	400,594.00	488,381.94	535,727.20	572,310.26	841,635.00	913,124.26	71,489.26
						5,896,384.53	6,359,082.26	462,697.73
General Government Building & Plant								
01-409-7400	CAP REPLACEMENT - TWP BLDG	81,068.78	70,668.44	81,207.00	25,910.10	40,000.00	237,144.59	197,144.59
01-409-3740	TWP. BLDG. - MAINT & REPAIRS	98,832.69	152,714.96	124,619.38	103,903.33	100,000.00	120,000.00	20,000.00
01-409-3745	PW BUILDING - MAINT REPAIRS	53,289.41	29,481.00	29,287.74	25,356.28	31,545.94	63,019.34	31,473.40
01-409-3600	TWP. BLDG. - FUEL, LIGHT, WATER	43,243.62	43,452.96	41,451.53	55,712.61	57,697.30	71,203.83	13,506.53
						229,243.24	491,367.76	262,124.52
General Government								
01-401-3120	CONSULTING SERVICES	51,177.50	56,809.82	85,532.94	71,078.36	57,775.44	176,000.00	118,224.56
01-401-3420	NEWSLETTERS	-	5,372.72	12,183.77	3,143.16	6,914.95	42,000.00	35,085.05
01-400-1210	SALARIES - ADMINISTRATION	142,548.50	148,535.02	160,254.42	159,978.92	148,259.78	220,110.25	71,850.47
						212,950.17	438,110.25	225,160.08
Planning & Zoning								
01-414-1400	WAGES & SALARIES	83,915.28	89,984.46	104,957.92	88,134.99	107,980.84	122,710.62	14,729.78
01-413-3130	ENGINEERING SERVICES	20,327.45	43,329.96	19,710.09	14,250.34	-	30,000.00	30,000.00
						107,980.84	152,710.62	44,729.78
Participant Recreation								
01-452-2010	SUMMER PROGRAM FIELD TRIPS	11,092.44	16,622.88	28,596.83	27,705.56	11,000.00	30,000.00	19,000.00
01-452-3701	LADIES & YOUTH TENNIS	17,705.50	26,105.00	38,973.25	25,232.00	22,500.00	33,032.00	10,532.00
01-452-3100	CATALINA WINE MIXER	-	-	-	14,934.22	-	16,386.87	16,386.87
						33,500.00	79,418.87	45,918.87
Parks								
01-454-1400	SALARIES - PARK MAINT.	208,671.86	211,154.87	197,932.18	266,470.29	262,110.92	323,147.69	61,036.77
01-454-3740	PARK MAINTENANCE & REPAIR	52,785.65	22,591.66	37,991.03	55,994.61	-	63,490.40	63,490.40
01-454-7400	CAPITAL REPLACEMENT - PARK & REC	44,219.33	49,153.73	52,380.00	45,000.00	45,000.00	83,968.00	38,968.00
						307,110.92	470,606.09	163,495.17
Public Works - Sanitation								
01-436-2450	STORMWATER MATERIALS & SUPPLIES	63,559.14	141,639.11	135,107.12	133,746.97	75,000.00	100,000.00	25,000.00
						75,000.00	100,000.00	25,000.00
Public Works - Highways Roads & Streets								
01-430-2330	VEHICLE MAINT AND REPAIR	131,078.85	199,540.07	156,846.15	195,225.31	150,000.00	170,000.00	20,000.00
01-430-7400	CAP REPLACEMENT - HWY EQUIP	302,165.44	374,158.35	246,586.00	303,000.00	45,000.00	236,529.00	191,529.00
01-433-2500	MAINT. REPAIRS.TRAFF.SIG.	85,756.63	132,120.58	75,041.89	67,585.08	-	90,126.00	90,126.00
01-438-1400	HWY - SALARIES & WAGES	542,512.29	629,057.17	720,799.17	746,601.56	716,478.03	884,039.00	167,560.97
01-432-1400	SNOW - WAGES & SALARIES	64,996.59	5,434.36	61,967.01	174,166.88	64,113.91	193,315.29	129,201.38
01-432-2460	SNOW - MATERIALS & SUPPLIES	41,706.51	53,132.03	92,650.63	176,482.43	100,000.00	150,000.00	50,000.00
						1,075,591.94	1,724,009.29	648,417.35
					Total Amount	**7,937,761.64**	**9,815,305.14**	**1,877,543.50**

MEMO

Date: October 20, 2026

From: Kelly Brophy, Director of Finance
To: Board of Supervisors
Re: 2026 Chester County Township's Millage Rate Comparison

At the October 6, 2026, meeting, the Board requested a comparison of the 2026 millage rates for Chester County townships. The attached comparison includes all 57 townships, including East Goshen Township.

In addition to millage rates, the comparison includes each township's square mileage, population based on the most recent census, population density, and geographical type to provide additional context when comparing municipalities with different characteristics.

The comparison is organized into two pages:

- **Page 1 – Millage Rate Ranking:** Lists all 57 townships ranked by their 2026 millage rates, including East Goshen Township.
- **Page 2 – Comparison by Geographical Type:** Groups townships by geographical type to provide another perspective for comparing municipalities with similar characteristics.

Brief descriptions of each geographical type are included at the bottom of the pages for reference.

Millage Rank	Township	2026 Township Millage	Area (sq. mi.)	Population as of last census	Population density	Geographical type	Police Coverage
1	West Sadsbury	7.0000	10.61	2,436	229.6	Rural / Mixed	West Sadsbury Township Police
2	Caln	6.8400	8.86	14,432	1,629.1	Highly Suburban	Caln Township Police
3	London Britain	6.4050	9.70	3,179	327.8	Suburban / Mixed	Pennsylvania State Police
4	Valley	5.0000	5.94	7,985	1,345.1	Highly Suburban	Valley Township Police
5	East Marlborough	4.8830	15.45	7,306	472.7	Suburban / Mixed	East Marlborough Township Police
6	Easttown	4.8590	8.23	10,984	1,335.4	Highly Suburban	Easttown Township Police
7	East Coventry	4.7500	10.66	7,068	662.8	More Urban/Suburban	East Coventry Township Police
8	Tredyffrin	4.3130	19.77	31,927	1,615.3	Highly Suburban	Tredyffrin Township Police
9	Westtown	3.9200	8.66	11,154	1,287.4	Highly Suburban	WEGO Police
10	East Fallowfield	3.7500	15.51	7,626	491.7	Suburban / Mixed	East Fallowfield Township Police
11	West Brandywine	3.7030	13.12	7,331	558.8	More Urban/Suburban	West Brandywine Township Police
12	Kennett	3.7000	15.34	8,289	540.4	More Urban/Suburban	Kennett Township Police
13	Schuylkill	3.6205	8.51	8,780	1,032.0	Highly Suburban	Schuylkill Township Police
14	North Coventry	3.5800	13.22	8,441	638.3	More Urban/Suburban	North Coventry Township Police
15	New Garden	3.2700	16.11	11,363	705.2	More Urban/Suburban	Southern Chester County Regional Police
16	Sadsbury	3.1000	6.17	4,125	668.9	More Urban/Suburban	Sadsbury Township Police
17	East Brandywine	3.0300	11.15	9,738	873.0	More Urban/Suburban	East Brandywine Township Police
18	West Caln	3.0000	21.60	8,910	412.5	Suburban / Mixed	West Caln Township Police
19	Franklin	2.4950	13.06	4,433	339.4	Suburban / Mixed	Pennsylvania State Police
20	Highland	2.3000	17.11	1,259	73.6	Predominantly Rural/Agricultural	Pennsylvania State Police
21	East Bradford	2.2500	14.95	10,339	691.8	More Urban/Suburban	West Chester Borough Police
22	Birmingham	2.2000	6.32	4,082	645.6	More Urban/Suburban	Birmingham Township Police
23	Pocopson	2.2000	8.19	4,455	544.1	More Urban/Suburban	Pennsylvania State Police
24	West Fallowfield	2.1600	18.15	2,459	135.5	Predominantly Rural/Agricultural	West Fallowfield Township Police
25	Newlin	2.1000	11.98	1,358	113.4	Rural / Mixed	Pennsylvania State Police
26	West Vincent	2.0900	17.68	6,668	377.2	Suburban / Mixed	West Vincent Township Police
27	East Vincent	2.0000	13.40	7,433	554.9	More Urban/Suburban	East Vincent Township Police
28	West Goshen	2.0000	11.86	23,040	1,943.2	Highly Suburban	West Goshen Township Police
29	West Marlborough	2.0000	16.99	819	48.2	Predominantly Rural/Agricultural	Pennsylvania State Police
30	West Whiteland	2.0000	12.84	19,632	1,529.4	Highly Suburban	West Whiteland Township Police
31	East Goshen	1.7500	10.05	18,410	1,831.5	Highly Suburban	WEGO Police
32	West Pikeland	1.5500	9.87	4,024	407.8	Suburban / Mixed	West Pikeland Township Police
33	Pennsbury	1.4900	9.92	3,876	390.5	Suburban / Mixed	Pennsylvania State Police
34	Honey Brook	1.3500	24.75	8,274	334.3	Suburban / Mixed	Pennsylvania State Police
35	West Nottingham	1.3200	13.97	2,764	197.9	Rural / Mixed	Pennsylvania State Police
36	East Caln	1.2500	3.56	5,384	1,513.7	Highly Suburban	Downingtown Borough Police
37	London Grove	1.2500	17.14	8,797	513.2	More Urban/Suburban	Pennsylvania State Police
38	Upper Uwchlan	1.0340	10.89	12,275	1,126.8	Highly Suburban	Upper Uwchlan Township Police
39	Uwchlan	1.0250	10.40	19,161	1,842.6	Highly Suburban	Uwchlan Township Police
40	New London	1.0000	11.65	5,810	498.6	Suburban / Mixed	Pennsylvania State Police
41	Thornbury	0.9950	3.83	3,177	828.8	More Urban/Suburban	Pennsylvania State Police
42	East Whiteland	0.8950	10.94	13,917	1,272.5	Highly Suburban	East Whiteland Township Police
43	East Pikeland	0.8000	8.73	8,260	946.4	More Urban/Suburban	East Pikeland Township Police
44	Charlestown	0.7500	12.45	6,001	482.0	Suburban / Mixed	Pennsylvania State Police
45	West Nantmeal	0.6900	13.34	2,251	168.8	Predominantly Rural/Agricultural	Pennsylvania State Police
46	Penn	0.5300	9.60	5,644	588.1	More Urban/Suburban	Pennsylvania State Police
47	East Nantmeal	0.5000	16.21	1,832	113.0	Predominantly Rural/Agricultural	Pennsylvania State Police
48	South Coventry	0.5000	7.54	2,796	370.9	Rural / Mixed	Pennsylvania State Police
49	Upper Oxford	0.5000	16.64	2,560	153.9	Rural / Mixed	Pennsylvania State Police
50	Willistown	0.2800	18.11	11,273	622.5	More Urban/Suburban	Willistown Township Police
51	Elk	0.2570	10.05	1,698	168.9	Predominantly Rural/Agricultural	Pennsylvania State Police
52	Lower Oxford	0.2500	18.00	5,420	301.1	Suburban / Mixed	Pennsylvania State Police
53	West Bradford	0.2500	18.50	14,316	773.9	More Urban/Suburban	Pennsylvania State Police
54	East Nottingham	0.0000	20.03	8,982	448.5	Suburban / Mixed	Pennsylvania State Police
55	Londonderry	0.0000	11.31	2,476	218.9	Rural / Mixed	Pennsylvania State Police
56	Wallace	0.0000	11.96	3,711	310.2	Suburban / Mixed	West Brandywine Township Police
57	Warwick	0.0000	18.75	2,590	138.1	Predominantly Rural/Agricultural	Pennsylvania State Police

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West Chester Area School District	24.160 mills

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