



AGENDA

January 28, 2025
7:30 p.m.

LOCATION:

Upper Uwchlan Township Building, 140 Pottstown Pike, Chester Springs PA 19425

	Packet Page #
I. Call to Order	
II. 2025 Reorganization	2
III. Approval of Minutes: December 17, 2024	3
IV. Approval of Payments: January 2025	5
V. Treasurer's Report	14
VI. Authority Administration Reports	
A. Clean Water, Inc. Monthly Report	22
B. ARRO Consulting Monthly Report	24
C. Authority Administrator's Report	46
D. Public Works Department Report	47
VII. 2025 Operating, Capital Budgets ~ Consider Approval	51
VIII. Open Session	
IX. Next Meeting Date: February 25, 2025 ~ 7:30 p.m. ~ Virtual Meeting	
X. Adjournment	



TO: Municipal Authority
G. Matthew Brown, Authority Administrator

FROM: Gwen Jonik, Township Secretary

RE: Reorganization 2025

DATE: January 23, 2025

The Authority is requested to conduct their reorganization for 2025 as follows:

- 2024 Chairperson, Joe Samarco, calls the meeting to order and requests that Matt Brown conduct the election of Chairperson for 2025.
- Newly elected Chairperson then completes the reorganization:
 - Vice Chairperson for 2025
 - Authority Administrator – Matt Brown
 - Authority Solicitor – Christopher Frantz (no increase, \$225/hour)
 - Authority Engineer – ARRO Consulting (\$5-\$20/hour increase across most positions)
 - Authority Operator – Clean Water Inc.

According to past practices, it is *suggested* that:

Bob Watts would become Chairman

Bob Maas would become Vice-Chairman



MEETING MINUTES

December 17, 2024

7:30 PM

DRAFT

In attendance: J. Samarco, Chairman, B. Watts, Vice-Chairman, J. Shipe, Member, R. Maas, Member, G. Matthew Brown, P.E., DEE, Authority Administrator and David Schlott, Jr., P.E., ARRO Consulting, Inc.

Call to Order

J. Samarco called the virtual meeting to order at 7:30 PM.

Approval of Minutes

Draft minutes of the November 26, 2024 meeting were discussed. R. Maas moved to approve the minutes as submitted. J. Samarco seconded. It was so moved.

Approval of Payments

Following a brief discussion and several questions, B. Watts moved to approve the payments for December 2024. R. Maas seconded. It was so moved.

Treasurer's Report

Following a discussion and several questions, R. Maas moved to accept the balance sheet and the statement of revenues and expenses as submitted in good faith by the Township Treasurer. B. Watts seconded. It was so moved.

Authority Administration Reports

M. Brown noted that all facilities were operating well and within permit. He provided a monthly update on land available for disposal. He noted there was no update from the developer looking to partner with the Authority for land procurement in West Vincent Township (WVT). M. Brown noted he would continue to monitor the progress of the project. M. Brown shared that the Township Solicitor, Kristin Camp, was continuing correspondence with Eric Senn, Esq. of the Senn Trust relative to negotiations over the agreement of sale for the property on Township Line Road. He noted that Eric returned an email suggesting the Authority/Township had been unwilling to negotiate in good faith by not wavering their terms since May 2024. M. Brown noted that no terms were outlined except the condition of the property being permissible by PADEP for use as a disposal site and the price. He reviewed four areas where Senn was looking for modification. Of those four, two were out of the control of the Authority/Township so could not be modified. The remaining two were the price and the deposit. Since the Authority was already offering a figure more than the appraised value based on "utility need", and the Authority had previously voted the excess was as far as they could go under "utility need", no change to the price would occur. They greed the final item, the non-refundable deposit could be increased to 2.5% of the offered

price. B. Watts moved to increase the deposit amount, seconded by J. Samarco. It was so moved. The Authority further felt that the Township needed to respond to the characterization put forth by Senn regarding their not negotiating in good faith. M. Brown said he would pass that along to the Township Solicitor.

M. Brown provided an update of the Milford Farms project and introduced a Change Order No. 1 request by Almeida and Hudak, the General Contractor. He reviewed the items on the change order which included quantity changes of material to a credit, modifications to the cost of the pumping station in the purchased easement on Font Road to a debit and the paving of the entire cartway on Font Road to a debit. M. Brown noted the total amount of the change order for the General Contractor was \$72,830. He shared the engineer had reviewed the figures and recommended approval. After a lengthy discussion, J. Samarco moved to approve Change Order No. 1 authorizing the Authority Administrator to execute all necessary paperwork. It was seconded by B. Watts. It was so moved. M. Brown noted there would be a corresponding and much smaller change order for the electrical contract next month for the pump station adjustments approved under this change order.

M. Brown introduced the 2025 Draft Capital and Operating Budgets to the Board. He noted there was no rate increase proposed for 2025. He reviewed the need for a new bond issue to fund the next round of projects as delineated in the Draft Act 537 Plan currently with PADEP. He stated the bond issue was originally considered for 2026 but due to timing for funding with the Township, it may need to be moved up to 2025. He asked that all members review the budget and reach out to him with any questions they might have during the month. Or if they preferred, they could wait until the January 2025 meeting which would be in-person to discuss their questions in an open forum. He said he was hoping to have the budgets approved at the January 2025 meeting as submitted or revised. That was their normal practice for the information of the new members.

M. Brown noted he had reached out to an additional prospect for the Municipal Authority membership but had not yet heard back.

Following several additional questions and a brief discussion on the reports, R. Maas made a motion to accept the Authority Administrators Reports as submitted. J. Shipe seconded. It was so moved.

Open Session

No members of the public were present.

Next Meeting Date: January 28, 2025 - 7:30 PM

J. Samarco noted the date and time of the next meeting of the Authority. M. Brown noted that would be an in-person meeting and would include the annual reorganization.

Adjournment

There being no further business to be brought before the Authority, J. Shipe moved to adjourn the meeting at 8:25 PM. B. Watts seconded. It was so moved.

Respectfully submitted,

G. Matthew Brown, P.E., DEE
Authority Administrator

January 27, 2025
10:59 AM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MA MERIDIAN to MA MERIDIAN Range of Check Ids:
Report Type: All Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void Ref Num
01/28/25	AQUAP010	AQUA PENNSYLVANIA	630.25	3399
01/28/25	ARROC010	ARRO CONSULTING, INC.	3,577.00	3399
01/28/25	ATTMOBCC	AT&T MOBILITY	102.68	3399
01/28/25	ATTMOBIL	AT&T MOBILITY	117.70	3399
01/28/25	BUKL010	BUCKLEY, BRION, MCGUIRE, MORRI	3,658.00	3399
01/28/25	CHRISFRA	CHRISTOPHER FRANTZ	202.50	3399
01/28/25	CLEANWAT	CLEAN WATER, INC.	12,335.00	3399
01/28/25	DELTRUST	DELAWARE VALLEY PROP&LIA TRST	9,068.00	3399
01/28/25	EXELE001	EXELE INFORMATION SYSTEMS, INC	547.50	3399
01/28/25	KAPPEASS	KAPPE ASSOCIATES, INC	2,500.00	3399
01/28/25	MCGOV020	MCGOVERN ENVIRONMENTAL, LLC	20,119.28	3399
01/28/25	MJREIDER	M. J. REIDER ASSOCIATES, INC.	7,137.30	3399
01/28/25	NAPA0010	NAPA AUTO PARTS	1,073.59	3399
01/28/25	PENNS080	PENNSYLVANIA ONE CALL	82.54	3399
01/28/25	PRED0010	PREDOC	10,199.60	3399
01/28/25	UPPER070	UPPER UWCHLAN TOWNSHIP	195,372.82	3399
01/28/25	USABL020	USA BLUE BOOK	1,647.24	3399
01/28/25	VERIZFIO	VERIZON	1,302.23	3399
01/28/25	WGMALDEN	W. G. MALDEN	943.35	3399
01/28/25	PEC00010	PECO	15,816.27	3401

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	20	0	286,432.85	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	20	0	286,432.85	0.00

Range of Checking Accts: MA MERIDIAN to MA MERIDIAN Range of Check Ids:
Report Type: All Checks Report Format: Detail Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Charge Account	Account Type	Reconciled/Void	Ref Num
PO #	Item	Description			Contract	Ref Seq	Acct
01/28/25	AQUAP010	AQUA PENNSYLVANIA					3399
25-00142	1	381 little conestoga rd	21.89	06-409-000-037 Water	Expenditure	1	1
25-00142	3	100 prescott dr, unit a	32.39	06-409-000-037 Water	Expenditure	2	1
25-00142	4	241 fellowship rd, unit pump	21.89	06-409-000-037 Water	Expenditure	3	1
25-00142	5	1120 sunderland e ave	21.89	06-409-000-037 Water	Expenditure	4	1
25-00142	6	0000 meadowcreek lane	21.89	06-409-000-037 Water	Expenditure	5	1
25-00142	7	119 prescott drive	112.63	06-409-000-037 Water	Expenditure	6	1
25-00142	8	528 walter court	35.35	06-409-000-037 Water	Expenditure	7	1
25-00142	9	2680 primrose court	32.39	06-409-000-037 Water	Expenditure	8	1
25-00142	10	111 dorothy lane	21.89	06-409-000-037 Water	Expenditure	9	1
25-00142	11	658 collingwood ter, unit a	74.30	06-409-000-037 Water	Expenditure	10	1
25-00142	12	1 prospect hill blvd	63.80	06-409-000-037 Water	Expenditure	11	1
25-00142	13	425 hemlock (eagle hunt) lane	74.30	06-409-000-037 Water	Expenditure	12	1
25-00142	14	439 prescott dr unit pmpsta	21.89	06-409-000-037 Water	Expenditure	13	1
25-00142	15	308 flagstone rd	33.88	06-409-000-037 Water	Expenditure	14	1
25-00142	16	29 yarmouth lane	39.87	06-409-000-037 Water	Expenditure	15	1
			630.25				
01/28/25	ARROC010	ARRO CONSULTING, INC.					3399
25-00144	1	december ma services	3,577.00	06-408-000-000 Engineering Fees	Expenditure	16	1
01/28/25	ATTMOBCC	AT&T MOBILITY					3399
25-00146	1	rt 100 wwtp wireless connect	102.68	06-409-000-032 Telephone	Expenditure	18	1
01/28/25	ATTMOBIL	AT&T MOBILITY					3399
25-00145	1	ma	117.70	06-409-000-032 Telephone	Expenditure	17	1
01/28/25	BUCKL010	BUCKLEY, BRION, MCGUIRE, MORRI					3399
25-00147	1	delinquent sewer collections	3,658.00	06-404-000-000 Legal Fees	Expenditure	19	1

Check #	Check Date	Vendor	Amount Paid	Charge Account	Reconciled/Void	Ref Num		
PO #	Item	Description			Account Type	Contract	Ref Seq	Acct
25-00148	1	CHRISFRA CHRISTOPHER FRANTZ ma 2025 budget/board package	202.50	06-404-000-000 Legal Fees	Expenditure		3399 20	1
25-00149	1	CLEANWAT CLEAN WATER, INC. monthly services	12,335.00	06-420-000-045 Contracted Services	Expenditure		3399 21	1
25-00150	1	DELTRUST DELAWARE VALLEY PROP&LIA TRST ma-insurance	7,265.50	06-409-000-035 Insurance	Expenditure		3399 22	1
25-00150	2	ma-liability	1,802.50	06-400-000-352 Insurance - Liability	Expenditure		3399 23	1
			9,068.00					
25-00162	1	EXELE001 EXELE INFORMATION SYSTEMS, INC alarm software for rt100 wwtp	547.50	06-420-000-045 Contracted Services	Expenditure		3399 84	1
25-00151	1	KAPPEASS KAPPE ASSOCIATES, INC byers pmp volute/suction elbow	825.00	06-420-000-025 Maintenance & Repair	Expenditure		3399 24	1
25-00151	2	upland effl cables tangled	600.00	06-420-000-025 Maintenance & Repair	Expenditure		3399 25	1
25-00151	3	upland submersible transducer	1,075.00	06-420-000-025 Maintenance & Repair	Expenditure		3399 26	1
			2,500.00					
25-00153	1	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 44	1
25-00153	2	eaglepointe-sludge	370.60	06-420-000-031 Pump & Haul	Expenditure		3399 45	1
25-00153	3	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 46	1
25-00153	4	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 47	1
25-00153	5	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 48	1
25-00153	6	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 49	1
25-00153	7	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 50	1
25-00153	8	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure		3399 51	1
25-00153	9	eaglepointe-sludge	370.60	06-420-000-031 Pump & Haul	Expenditure		3399 52	1
25-00153	10	eaglepointe-sludge	324.28	06-420-000-031 Pump & Haul	Expenditure		3399 53	1
25-00153	11	eaglepointe-sludge	370.60	06-420-000-031 Pump & Haul	Expenditure		3399 54	1
25-00153	12	eaglepointe-sludge	426.19	06-420-000-031 Pump & Haul	Expenditure		3399 55	1

Check #	Check Date	Vendor	Amount Paid Charge Account			Reconciled/Void	Ref Num
PO #	Item	Description	Account Type	Contract	Ref Seq	Acct	
MCGOVERN ENVIRONMENTAL, LLC							
		Continued					
25-00153	13	rt100 wwtp-sludge	4,817.84	06-420-000-031 Pump & Haul	Expenditure	56	1
25-00153	14	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure	57	1
25-00153	15	reserves1&2 prescott drive	2,275.38	06-420-000-031 Pump & Haul	Expenditure	58	1
25-00153	16	byers 308 flagstone rd	2,120.02	06-420-000-031 Pump & Haul	Expenditure	59	1
25-00153	17	eaglepointe-sludge	426.19	06-420-000-031 Pump & Haul	Expenditure	60	1
25-00153	18	eaglepointe-sludge	370.60	06-420-000-031 Pump & Haul	Expenditure	61	1
25-00153	19	eaglepointe-sludge	370.60	06-420-000-031 Pump & Haul	Expenditure	62	1
25-00153	20	eaglepointe-sludge	426.19	06-420-000-031 Pump & Haul	Expenditure	63	1
25-00153	21	eaglepointe-sludge	92.65	06-420-000-031 Pump & Haul	Expenditure	64	1
25-00153	22	rt100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure	65	1
25-00153	23	rt 100/325 fellowship-sludge	4,215.61	06-420-000-031 Pump & Haul	Expenditure	66	1
25-00153	24	rt 100 wwtp-trash can/tote	272.50	06-420-000-031 Pump & Haul	Expenditure	67	1
25-00153	25	eaglepointe-sludge	416.93	06-420-000-031 Pump & Haul	Expenditure	68	1
			20,119.28				
01/28/25 MJREIDER M. J. REIDER ASSOCIATES, INC.							
25-00152	1	rt100 wwtp-infl/eff grab	116.25	06-420-000-030 Testing	Expenditure	27	1
25-00152	2	lakeridge-infl/effl	116.25	06-420-000-030 Testing	Expenditure	28	1
25-00152	3	byers mw 1-12	3,820.95	06-420-000-030 Testing	Expenditure	29	1
25-00152	4	fetters tract mw 1-9	2,866.95	06-420-000-030 Testing	Expenditure	30	1
25-00152	5	upland mw 1-7	2,230.95	06-420-000-030 Testing	Expenditure	31	1
25-00152	6	dup payment 9/24/24	3,366.70	06-420-000-030 Testing	Expenditure	32	1
25-00152	7	saybrook-effl	45.00	06-420-000-030 Testing	Expenditure	33	1
25-00152	8	st andrews brae-eff grab	87.50	06-420-000-030 Testing	Expenditure	34	1
25-00152	9	eaglepointe- grab	80.00	06-420-000-030 Testing	Expenditure	35	1
25-00152	10	eaglepointe-infl/effl/eff grab	166.25	06-420-000-030 Testing	Expenditure	36	1
25-00152	11	st andrews brae-inf/eff grab	186.00	06-420-000-030 Testing	Expenditure	37	1

Check #	Check Date	Vendor	Amount	Paid	Charge Account	Reconciled/Void	Ref	Ref Num	Contract	Seq	Acct
PO #		Item Description				Account Type					
M. J. REIDER ASSOCIATES, INC. Continued											
25-00152	12	saybrooke-infl/effl	124.00		06-420-000-030 Testing	Expenditure			38	1	
25-00152	13	st andrews brae-eff grab	40.00		06-420-000-030 Testing	Expenditure			39	1	
25-00152	14	greenridge-infl/effl	124.00		06-420-000-030 Testing	Expenditure			40	1	
25-00152	15	marsh harbour-inf/eff/eff grab	146.00		06-420-000-030 Testing	Expenditure			41	1	
25-00152	16	lakeridge-infl/effl	129.95		06-420-000-030 Testing	Expenditure			42	1	
25-00152	17	eaglepointe-infl/effl/eff grab	223.95		06-420-000-030 Testing	Expenditure			43	1	
					7,137.30						
01/28/25 NAPA0010 NAPA AUTO PARTS											
25-00154	1	narrow molded notch v-b	36.56		06-420-000-020 Supplies	Expenditure			69	1	
25-00154	2	quality ht	34.20		06-420-000-020 Supplies	Expenditure			70	1	
25-00154	3	oil/fuel/air filters	853.35		06-420-000-020 Supplies	Expenditure			71	1	
25-00154	4	spill recovery mat/cable ties	149.48		06-420-000-020 Supplies	Expenditure			72	1	
					1,073.59						
01/28/25 PENNS080 PENNSYLVANIA ONE CALL											
25-00155	1	ma-monthly activity fee	82.54		06-420-000-329 PA One Call	Expenditure			73	1	
01/28/25 PREDO010 PREDOC											
25-00156	1	rt100 wwtp-tank 3 sludge pump	570.00		06-420-000-025 Maintenance & Repair	Expenditure			74	1	
25-00156	2	lakeridge-jet/flush trenches	7,060.00		06-420-000-025 Maintenance & Repair	Expenditure			75	1	
25-00156	3	lakeridge electric conduit	2,569.60		06-420-000-025 Maintenance & Repair	Expenditure			76	1	
					10,199.60						
01/28/25 UPPER070 UPPER UWCHLAN TOWNSHIP											
25-00161	1	q3 & q4 admin expenses	195,372.82		06-400-000-001 Administration	Expenditure			83	1	
01/28/25 USABL020 USA BLUE BOOK											
25-00157	1	5vx710 v-belt	120.19		06-420-000-020 Supplies	Expenditure			77	1	
25-00157	2	dechlorination tablets-45lbs	759.20		06-420-000-022 Chemicals	Expenditure			78	1	
25-00157	4	dechlorination tablets-45 lbs	767.85		06-420-000-022 Chemicals	Expenditure			79	1	
					1,647.24						

Check #	Check Date	Vendor	Amount	Paid	Charge Account	Reconciled/Void	Ref	Ref Num	Seq	Acct
PO #	Item	Description	Account Type	Contract						
	01/28/25	VERIZFIO VERIZON						3399		
25-00158	1	ma-fios	132.40		06-409-000-032	Expenditure		80	1	
25-00158	2	ma-telephone	1,169.83		06-409-000-032	Expenditure		81	1	
				1,302.23						
	01/28/25	WGMALDEN W. G. MALDEN						3399		
25-00159	1	greenridge annual calibration	943.35		06-420-000-045	Expenditure		82	1	
					Contracted Services					
	01/28/25	PECO0010 PECO						3401		
25-00163	4	0 milford rd & kristines wy	160.07		06-409-000-036	Expenditure		1	1	
25-00163	6	275 fellowship rd, wtr trmt	9,462.54		06-409-000-036	Expenditure		2	1	
25-00163	7	0 kiloran wynd dr *lot 40	13.18		06-409-000-036	Expenditure		3	1	
25-00163	8	301 pottstown pike, control bl	1,416.37		06-409-000-036	Expenditure		4	1	
25-00163	10	304 fellowship rd, pump statio	205.37		06-409-000-036	Expenditure		5	1	
25-00163	11	8 meadow creek ln, swr pump	25.08		06-409-000-036	Expenditure		6	1	
25-00163	12	0 yarmouth ln, pmp 1	29.75		06-409-000-036	Expenditure		7	1	
25-00163	13	55 pottstown pike, sewerplt	162.48		06-409-000-036	Expenditure		8	1	
25-00163	14	0 yarmouth ln, plant	73.66		06-409-000-036	Expenditure		9	1	
25-00163	15	381 little conestoga rd, pump	416.93		06-409-000-036	Expenditure		10	1	
25-00163	17	415 fellowship rd, pump-strsp	1,088.30		06-409-000-036	Expenditure		11	1	
25-00163	19	711 dorlan rd, pmp sta	267.39		06-409-000-036	Expenditure		12	1	
25-00163	20	0 milford rd, wwtp cnt	19.22		06-409-000-036	Expenditure		13	1	
25-00163	21	2679 primrose ct, pump station	449.53		06-409-000-036	Expenditure		14	1	
25-00163	22	111 dorothy ln	184.09		06-409-000-036	Expenditure		15	1	
25-00163	23	2500 eagle farms rd, sewage pl	1,727.69		06-409-000-036	Expenditure		16	1	
25-00163	24	140 pottstown pike, pmpsta1	27.76		06-409-000-036	Expenditure		17	1	
25-00163	25	4 seabury ln, lot 12 pump	18.51		06-409-000-036	Expenditure		18	1	
25-00163	27	314a prescott drive	67.28		06-409-000-036	Expenditure		19	1	
					Electric					

January 27, 2025
10:59 AM

Upper Uwchlan Township
Check Register By Check Id

Page No: 6

Check #	Check Date	Vendor	Amount Paid		Reconciled/Void	Ref Num		
PO #	Item	Description			Account Type	Contract	Ref Seq	Acct
PEC0		Continued						
25-00163	28	0 yarmouth ln, pump 2	1.07	06-409-000-036	Expenditure		20	1
				Electric				
			15,816.27					
<hr/>								
Report Totals								
			<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>		
	Checks:		20	0	286,432.85	0.00		
	Direct Deposit:		0	0	0.00	0.00		
	Total:		<u>20</u>	<u>0</u>	<u>286,432.85</u>	<u>0.00</u>		

January 27, 2025
11:00 AM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MACAP F to MACAP F Range of Check Ids:
Report Type: All Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void Ref Num
01/28/25	ALMEI005	ALMEIDA & HUDA LLC	502,825.86	3400
01/28/25	ARROC010	ARRO CONSULTING, INC.	12,640.00	3400
01/28/25	HOPKINS	HOPKINS & SCOTT, INC	4,500.00	3402
Report Totals				
	Checks:	<u>Paid</u> 3	<u>Void</u> 0	<u>Amount Paid</u> 519,965.86
	Direct Deposit:	<u>0</u>	<u>0</u>	<u>Amount Void</u> 0.00
	Total:	<u><u>3</u></u>	<u><u>0</u></u>	<u><u>519,965.86</u></u> <u><u>0.00</u></u>

January 27, 2025
11:00 AM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MACAP F to MACAP F Range of Check Ids:
Report Type: All Checks Report Format: Detail Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Charge Account	Reconciled/Void	Ref	Num
PO #		Item Description			Account Type	Contract	Ref Seq Acct
25-00160	01/28/25	ALMEI005 ALMEIDA & HUDA LLC	502,825.86	07-483-000-100	Expenditure		3400
		1 pmt #1		Capital Construction - Milford Farms		3	1
25-00143	01/28/25	ARROC010 ARRO CONSULTING, INC.	12,514.00	07-483-000-100	Expenditure		3400
		1 ma capital milford farms		Capital Construction - Milford Farms		1	1
25-00143	01/28/25	2 ma capital milford farms	126.00	07-483-000-100	Expenditure		3402
				Capital Construction - Milford Farms		2	1
			12,640.00				
25-00164	01/28/25	HOPKINS HOPKINS & SCOTT, INC	4,500.00	07-483-000-100	Expenditure		1
		1 field/office work-route survey		Capital Construction - Milford Farms		1	1

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	3	0	519,965.86	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	<u>3</u>	<u>0</u>	<u>519,965.86</u>	<u>0.00</u>

Upper Uwchlan Township Municipal Authority
Balance Sheet
December 31, 2024

ASSETS

	<u>Cash</u>	
06-100-000-001	General checking - First Resource Bank	\$ 158,506.60
06-100-000-003	Connection Fees - First Resource Bank	1,615,490.36
06-100-000-010	General Checking - Fulton Bank	330.16
06-100-000-015	General Checking - Meridian Bank	1,422,916.04
06-100-000-020	WIPP - Fulton Bank	-
06-100-000-025	WIPP - First Resource Bank	1,014,190.43
06-106-000-002	Connection Fees - Fulton Bank	-
	Total Cash	4,211,433.59
	<u>PSDLAF Investments:</u>	
06-109-000-003	CD Program	-
06-109-000-004	Full Flex	188.21
		188.21
	Total Investments	188.21
	<u>Accounts Receivable</u>	
06-145-000-001	Usage Fees Receivable	290,049.70
06-145-000-002	Capital Assessment Receivable	-
06-147-000-000	Misc Accounts Receivable	546.00
	Total Accounts Receivable	290,595.70
	<u>Other Current Assets</u>	
06-130-000-001	Due from MA Capital Fund	21,379.48
06-130-000-002	Due from UUT General Fund	-
06-130-000-003	Due from UUT Capital Fund	-
06-130-000-004	Due from Solid Waste Fund	-
06-130-000-005	Due from Stormwater Fund	-
06-130-000-006	Due from Sewer Fund	39.00
06-130-000-007	Due from Developer's Escrow	-
06-152-000-000	Undeposited Funds	-
06-155-000-000	Pre-Paid Expenses	12,116.24
06-155-000-010	Pre-Paid Attorney Fees	-
	Total Other Current Assets	33,534.72
	<u>Fixed Assets</u>	
06-162-000-001	Fixed Assets	-
06-162-000-050	Accumulated Depreciation	-
06-163-000-100	Phase II Construction Project (CIP)	-
	Total Fixed Assets	-
	<u>Other Long Term Assets</u>	
06-162-000-002	Excess Treatment Capacity	-
	Total Other Long Term Assets	-
	Total Assets	\$ 4,535,752.22

Upper Uwchlan Township Municipal Authority
Balance Sheet
December 31, 2024

LIABILITIES AND FUND BALANCE

<u>Current Liabilities</u>		
06-200-000-020	Accounts Payable	-
06-230-000-010	Due to UUT General Fund	195,372.82
06-230-000-020	Due to UUT Capital Fund	-
06-230-000-021	Due to MA Capital Fund	-
06-230-000-030	Due to Solid Waste Fund	19,254.22
06-230-000-040	Due to Water Resource Protection Fund	(160.00)
06-230-000-050	Due to Sewer Fund	-
06-230-000-060	Due to Developer's Escrow Fund	-
06-230-000-070	Due to UUT Sewer Fund - 2019 Bonds	-
06-240-000-000	Accrued Expenses	-
06-241-000-100	Retainage on Phase II Construction Project	-
06-245-000-000	Due to Customers	275.00
	Total Current Liabilities	214,742.04
<u>Equity</u>		
06-272-000-001	Opening Bal Equity	753,500.35
06-272-000-002	Retained Earnings	2,895,834.05
	Current Period Net Income (Loss)	671,675.78
	Total Equity	4,321,010.18
	Total Fund Balance	4,321,010.18
	Total Liabilities & Fund Balance	\$ 4,535,752.22

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended December 31, 2024

	Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>Audited</i>	Budget 2023
REVENUES					
06-340-000-000 Interest Income	\$ 127,523.21	\$ 70,000.00	182.2%	\$ 71,597.00	\$ 2,500.00
06-365-000-000 Usage Fees Residential	2,599,088.30	2,700,000.00	96.3%	2,490,989.00	2,450,000.00
06-365-000-001 Usage Fees Commercial	89,032.40	100,000.00	89.0%	94,382.00	100,000.00
06-365-000-010 Connection Fees	23,625.00	20,000.00	118.1%	438.00	350,000.00
06-365-000-015 Sewer - resident refunds	(380.00)	-	0.0%	(100.00)	-
06-365-000-020 Connection Fees - Byers Road	9,364.92	-	0.0%	32,550.00	80,000.00
06-354-000-020 Grant revenue - State	-	-	0.0%	463,996.00	525,000.00
06-370-000-000 Misc revenue	-	1,000.00	0.0%	-	1,000.00
06-395-000-000 Refund of Prior Year Expenditures	-	-	0.0%	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	0.0%	-	-
TOTAL REVENUES	\$ 2,848,253.83	\$ 2,891,000.00	98.5%	\$ 3,153,852.00	\$ 3,508,500.00
EXPENDITURES					
<u>General:</u>					
06-400-000-001 Administration - UUT	314,750.66	290,000.00	108.5%	284,013.00	270,688.00
06-400-000-002 Authority Adminstrative Expense - ARRO	-	-	0.0%	-	10,000.00
06-400-000-004 Authority Administrator - MB	91,184.03	150,000.00	60.8%	90,293.00	110,000.00
06-400-000-003 Professional Fees	-	5,000.00	0.0%	-	5,000.00
06-400-000-200 Admin Supplies	179.18	1,000.00	17.9%	-	1,000.00
06-400-000-341 Advertising	917.21	3,000.00	30.6%	-	3,000.00
06-400-000-352 Insurance - Liability	6,076.80	6,077.00	100.0%	5,979.00	5,979.00
06-400-000-355 Bank Fees	1,805.81	2,000.00	90.3%	2,192.00	1,000.00
06-402-000-450 Audit Fees	7,150.00	7,500.00	95.3%	6,700.00	7,500.00
06-404-000-000 Legal Fees	26,108.50	25,000.00	104.4%	28,607.00	25,000.00
06-406-000-100 Utility Billing Costs	3,337.13	10,000.00	33.4%	8,095.00	10,000.00
06-406-000-200 Utility Billing Postage	7,710.83	5,000.00	154.2%	5,506.00	5,500.00
06-408-000-000 Engineering Fees	135,558.81	150,000.00	90.4%	152,467.00	100,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	0.0%	505.00	-
	594,778.96	654,577.00	90.9%	584,357.00	554,667.00
<u>Building Expenses:</u>					
06-409-000-031 Lawn Care	-	5,000.00	0.0%	-	5,000.00
06-409-000-032 Telephone	17,446.69	17,500.00	99.7%	16,433.00	17,500.00
06-409-000-035 Insurance	28,450.00	28,450.00	100.0%	18,312.00	18,312.00
06-409-000-036 Electric	226,046.29	200,000.00	113.0%	189,679.00	250,000.00
06-409-000-037 Water	28,900.96	20,000.00	144.5%	15,185.00	20,000.00
06-409-000-052 Bldg Maint & Repair	4,035.45	5,000.00	80.7%	1,982.00	10,000.00
06-409-000-260 Building Supplies & Small Tools	364.35	5,000.00	7.3%	6,049.00	15,000.00
06-409-000-427 Waste Disposal	-	-	0.0%	-	-
	305,243.74	280,950.00	108.6%	247,640.00	335,812.00
<u>Operations:</u>					
06-420-000-020 Supplies	1,957.75	20,000.00	9.8%	13,335.00	30,000.00
06-420-000-022 Chemicals	5,508.15	10,000.00	55.1%	7,008.00	15,000.00
06-420-000-023 Propane and Fuel Oil	1,620.16	10,000.00	16.2%	933.00	10,000.00
06-420-000-025 Maintenance & Repair	243,544.42	150,000.00	162.4%	180,874.00	150,000.00
06-420-000-030 Testing	88,729.50	35,000.00	253.5%	40,955.00	50,000.00
06-420-000-031 Pump & Haul	162,796.75	100,000.00	162.8%	112,053.00	90,000.00
06-420-000-032 Vegetation Management	27,951.10	15,000.00	186.3%	19,893.00	15,000.00
06-420-000-035 Permits	8,439.00	15,000.00	56.3%	10,840.00	25,000.00
06-420-000-042 Dues and Memberships	-	2,500.00	0.0%	-	1,000.00
06-420-000-045 Contracted Services	158,444.39	175,000.00	90.5%	206,767.00	175,000.00
06-420-000-048 Misc expenses	-	10,000.00	0.0%	775.00	10,000.00
06-420-000-230 Gas and oil	2,850.47	-	0.0%	-	-
06-420-000-235 Vehicle Maintenance	125.80	2,000.00	6.3%	-	2,000.00
06-420-000-329 PA One Call	1,075.86	2,500.00	43.0%	899.00	2,500.00
	703,043.35	547,000.00	128.5%	594,332.00	575,500.00

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended December 31, 2024
(Continued)

	Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>Audited</i>	Budget 2023
<u>Capital:</u>					
06-483-000-000	Capital Repair	-	0.0%	-	50,000.00
06-483-000-100	Capital Construction	-	0.0%	-	-
06-493-000-083	Depreciation	-	0.0%	-	-
		-	0.0%	-	50,000.00
Total Expenditures before Operations Agreement and Transfers		\$ 1,603,066.05	\$ 1,482,527.00	108.1%	\$ 1,426,329.00
Net Income before Operations Agreement and Transfers		\$ 1,245,187.78	\$ 1,408,473.00	88.4%	\$ 1,727,523.00
<u>Other:</u>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	0.0%	-	-
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	239,122.69	239,344.00	99.9%	234,944.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	334,389.31	334,475.00	100.0%	332,515.00
		573,512.00	573,819.00	99.9%	567,459.00
		573,512.00	573,819.00	99.9%	567,459.00
06-492-000-010	Transfer to Sewer Fund	-	0.0%	-	-
06-492-000-020	Transfer to Water Resource Protection Fund	-	0.0%	-	-
06-492-000-030	Transfer to UUT Capital Fund	-	0.0%	-	-
06-492-000-040	Transfer to MA Capital Fund	-	0.0%	-	-
		-	0.0%	-	-
TOTAL EXPENDITURES		\$ 2,176,578.05	\$ 2,056,346.00	105.8%	\$ 1,993,788.00
OPERATING INCOME		\$ 671,675.78	\$ 834,654.00	80.5%	\$ 1,160,064.00
		\$ 671,675.78	\$ 834,654.00	80.5%	\$ 1,424,577.00

Upper Uwchlan Township Municipal Authority

Capital Fund

Balance Sheet

As of December 31, 2024

ASSETS

	<u>Cash</u>	
07-100-000-001	General Checking - First Resource Bank	\$ 138,798.63
07-100-000-010	General Checking - Fulton Bank	-
07-110-000-100	Bond Proceeds - First Resource	<u>2,600,048.30</u>
	Total Cash	2,738,846.93
	<u>Other Current Assets</u>	
07-130-000-001	Due from MA Operating Fund	-
07-130-000-002	Due from UUT General Fund	-
07-155-000-000	Pre-Paid Expenses	-
	Total Other Current Assets	<u>-</u>
	<u>Fixed Assets</u>	
06-162-000-001	Fixed Assets	3,024,959.10
06-162-000-050	Accumulated Depreciation	(1,071,159.14)
06-163-000-100	Phase II Construction Project (CIP)	<u>69,800.38</u>
	Total Fixed Assets	2,023,600.34
	<u>Other Long Term Assets</u>	
06-162-000-002	Excess Treatment Capacity	<u>1,649,293.24</u>
	Total Other Long Term Assets	1,649,293.24
	Total Assets	\$ 6,411,740.51

LIABILITIES AND FUND BALANCE

	<u>Current Liabilities</u>	
07-200-000-020	Accounts Payable	-
07-230-000-010	Due to MA Operating Fund	21,379.48
07-230-000-020	Due to UUT General Fund	-
07-230-000-030	Due to UUT Capital Fund	-
07-232-000-700	Due to UUT Sewer Fund	5,205,556.07
07-240-000-000	Accrued Expenses	-
	Total Current Liabilities	5,226,935.55
	<u>Equity</u>	
07-272-000-001	Retained Earnings	3,387,595.83
	Current Period Net Income (Loss)	(2,202,790.87)
	Total Equity	1,184,804.96
	Total Fund Balance	1,184,804.96
	Total Liabilities & Fund Balance	\$ 6,411,740.51

Note: Upper Uwchlan Township has a cash balance in the amount of \$1,086,387 which represents the contribution made by Sunoco towards the Meadow Creek sewer project

**Upper Uwchlan Township Municipal Authority
Capital Fund
Statement of Revenues and Expenditures**

For the Period Ended December 31, 2024

		Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>Audited</i>	Budget 2023
REVENUES						
07-340-000-000	Interest Income	\$ 108,228.51	\$ 60,000.00	180.4%	\$ 76,069.00	\$ 10,000.00
07-341-000-030	Grants - Misc	5,850.00	-	-	-	-
07-395-000-100	Transfer from MA Operating Fund	-	-	#DIV/0!	-	-
TOTAL REVENUES		\$ 114,078.51	\$ 60,000.00	190.1%	\$ 76,069.00	\$ 10,000.00
EXPENDITURES						
<i>General:</i>						
07-400-000-355	Bank Fees	75.45	1,000.00	7.5%	300.00	1,000.00
07-420-000-010	Act 537 Updates	-	38,000.00	0.0%	-	38,000.00
07-420-000-020	UCC Code Updates	-	30,000.00	0.0%	-	30,000.00
07-420-000-048	Capital Equipment Shared with UUT	-	19,000.00	0.0%	-	19,000.00
07-420-000-050	Misc. Capital Purchases	-	35,000.00	0.0%	-	35,000.00
		75.45	123,000.00	0.1%	300.00	123,000.00
<i>Capital Construction</i>						
07-483-000-000	Capital Repair	-	-	#DIV/0!	-	35,000.00
07-483-000-100	Capital Construction - Milford Farms	29,252.06	700,000.00	4.2%	1,984.00	700,000.00
07-483-000-110	Capital Construction - Meadow Creek	14,019.39	750,000.00	1.9%	8,285.00	800,000.00
07-483-000-115	Capital Construction - Reserve at Eagle	-	-	#DIV/0!	2,150.00	-
07-483-000-120	Capital Construction - Eaglepointe	11,727.24	-	#DIV/0!	-	520,000.00
07-483-000-125	Capital Construction - Upland Farms	-	-	#DIV/0!	890.00	-
07-483-000-130	Capital Construction - Byers Road	137,595.21	785,000.00	17.5%	8,974.00	150,000.00
07-483-000-140	Capital Construction - Route 100	2,065,592.03	52,460.00	3937.5%	-	441,000.00
07-483-000-150	Capital Construction - Marsh Harbour	-	12,300.00	0.0%	48,329.00	18,000.00
07-483-000-160	Capital Construction - St. Andrew's Brae	-	10,000.00	0.0%	-	12,100.00
07-483-000-170	Capital Construction - Greenridge	-	-	#DIV/0!	14,527.00	-
07-483-000-180	Capital Construction - Lakeridge	-	-	#DIV/0!	6,397.00	-
07-483-000-185	Capital Construction - Windsor Ridge	29,900.00	-	#DIV/0!	15,256.00	-
07-483-000-190	Capital Construction - Saybrooke	-	-	#DIV/0!	-	2,100.00
07-483-000-195	Capital Construction - Byers Station	10,850.00	-	#DIV/0!	34,560.00	-
07-483-000-200	Capital Construction - Little Conestoga	17,858.00	-	#DIV/0!	-	-
07-493-000-083	Depreciation	-	-	#DIV/0!	-	-
		2,316,793.93	2,309,760.00	100.3%	141,352.00	2,678,200.00
TOTAL EXPENDITURES		\$ 2,316,869.38	\$ 2,432,760.00	95.2%	\$ 141,652.00	\$ 2,801,200.00
OPERATING INCOME		\$ (2,202,790.87)	\$ (2,372,760.00)	92.8%	\$ (65,583.00)	\$ (2,791,200.00)

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Receivables and Collections

	December 2024	November 2024	Change
Receivable balance, beg of year	325,028.26	325,028.26	-
<u>Billings:</u>			
Calculated charges billed	2,590,220.80	2,590,220.80	-
Billing adjustments	25,791.16	24,970.24	820.92
Late payment penalty	95,151.92	71,380.33	23,771.59
Adjustments			-
	<hr/> 3,036,192.14	<hr/> 3,011,599.63	<hr/> 24,592.51
<u>Less:</u>			
Collections*	2,698,504.55	2,558,285.16	(140,219.39)
Receivable balance, month end	<hr/>337,687.59	<hr/>453,314.47	<hr/>(115,626.88)

This report includes all sewer billings, not just delinquent accounts.

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Delinquent Accounts

(accounts that have had a balance in excess of \$380 for 2 or more quarters)

	12/31/2023	12/31/2024	6/30/2024	4/30/2024	3/31/2024	12/31/2023
Number of delinquent accounts	702	699		184	133	204
Total delinquent balance	\$ 283,290	\$ 298,354	\$ 141,930	\$ 138,113	\$ 193,256	\$ 190,218

2024 Payment Schedule

	<u>Bills Mailed</u>	<u>Payment Due</u>
First quarter	1/31/2024	3/1/2024
Second quarter	4/30/2024	5/31/2024
Third quarter	7/31/2024	8/31/2024
Fourth quarter	10/31/2024	11/30/2024

Clean Water, Inc.

Phone 610-593-5710
Fax 610-593-6311

170 Dallas St.
Box 475
Atglen, Pa. 19310

January 13, 2025

Upper Uwchlan Township Municipal Authority
140 Pottstown Pike
Chester Springs, PA 19425

RE: Report for the January 2025 meeting

Dear Authority,

Enclosed please find the monthly report that was submitted to the DEP on your behalf. The reports are for November, informational items are current.

Route 100

We continue to spray as able. December had limited spray days due to weather, and January hasn't started much better. The waste pump for SBR 3 is showing a seal fail. This is under warranty through Flight. The unused SBR 4 pump was put in its place. The muffin monster at Byers Station was pulled and sent out for evaluation on a rebuild. Keystone presented a list of some things that need addressed over at Upland. We have begun working on them. Namely the transducer for the storage tank was replaced by Kappe. There are some electric operated valves that need attention for eval on a repair. MGK is doing this.

Eaglepointe

Plant is performing well. We continue to combat high influent BOD loadings with increased hauling.

Marsh Harbour

Spraying as able. I reported to Public Works about a tree falling down across the fence recently due to high winds. I know, shocker!

Lakeridge

Plant is running fine. Predoc was out and installed new wires and a junction box for the filter dosing pumps. The fencing slats have pulled the fence off the posts, again due to high winds.

Saybrooke

Plant is running just fine.

Greenridge

Plant is performing well. The lagoon levels are fine. DEP was out and issued a report in that regard.

St. Andrews

Plant is running fine. There were no operational issues to report.

That is all for now, please call with any questions

Respectfully,

Brian Norris



321 N. Furnace St
Suite 200
Birdsboro, PA 19508
T 610.374.5285

MEMORANDUM

TO: Upper Uwchlan Township Municipal Authority

FROM: David Schlott, Jr., P.E.

RE: Project Status Report

PROJECT NO.: 17000.00

DATE: January 22, 2025

The following is the status of current wastewater projects within the Township, with the most recent activity at the bottom of each project summary. No action items unless stated at the end of each summary.

Byers Station

Village at Byers Station (5C), Lot #2, Commercial Parcel (2B): On March 16, 2022, ARRO received Commercial Parcel (2B) land development drawings, prepared by Bohler, dated March 15, 2022, for Prosperity Property Investments, LLC. The latest commercial property layout consists of a 10,500 sf Daycare Center, a 6,000 sf Retail Store with four (4) smaller 1,800 sf Retails Stores, and a 1,820 sf Drive-thru Restaurant. ARRO is reviewing the sanitary sewer portion of the March 15, 2022, commercial land development drawings. On May 2, 2022, ARRO submitted comments to the sanitary sewer portion of the commercial land development drawings. ARRO reviewed the sanitary sewer portion of revised commercial land development drawings submitted May 25, 2022. ARRO prepared a July 5, 2022, letter with sanitary sewer review comments to the May 25, 2022, amended Final PRD plans. The Sewage Facilities Planning Module Component 3 with supporting flow calculations, Amended Final PRD Utility Plan and Project Narrative, dated November 23, 2022, were submitted to ARRO for review. On January 4, 2023, ARRO transmitted comments to the Sewage Facilities Planning Module Component 3, the Amended Final PRD Utility Plan and the Project Narrative. A pre-construction meeting was held at School House on September 19, 2024, to discuss the initial development activities for the Celebree School and Retail Building.

ARRO reviewed the sanitary sewer shop drawings. Construction work started in early January 2025.

Byers Station (6C), Vantage Point (a.k.a. Fieldstone at Chester Springs): The Developer's engineer submitted a request for 43 EDUs (9,500 gpd) of sanitary sewer capacity at the Route 100 WWTP facility. The Authority Administrator sent a February 20, 2018 letter to D. L. Howell stating there is sufficient capacity at the Route 100 WWTP facility for the proposed 9500 gpd from the project. ARRO reviewed the project's Sewage Facilities Planning Module (SFPM). The module shows a request for 45 EDUs (10,000 gpd) of sanitary sewer capacity. SFPM Component 3 Section G and J were signed. The Pennsylvania Historical and Museum Commission clearance letter and Aqua water service letter have been received for the Sewage Facilities Planning Module (SFPM). On April 18, 2018, the Township forwarded SFPM Components 4B and 4C to the Chester County Planning Commission and Health Department. ARRO reviewed Land Development Plans, plotted April 6, 2018, and submitted an April 30, 2018 letter to the Township containing comments to the

Plans. The SFPM is complete and a resolution to accept the document was placed on the Board of Supervisors' August 20, 2018 agenda. The SFPM application package was submitted to PADEP. ARRO prepared a September 6, 2018 sanitary sewer review letter to the latest Land Development Plans submitted by D.L. Howell, last revised August 13, 2018. ARRO received on December 5, 2018 the latest Land Development Plans, last revised November 30. ARRO will submit a sanitary sewer review letter the week of December 10. ARRO prepared and sent to the Township a December 14, 2018 sanitary sewer review letter to the December 5, 2018 Land Development Plans. ARRO received and reviewed the sanitary sewer portion of land development plans Revision No. 3, dated June 21, 2019. The plans show a dedicated sanitary sewer manhole in Byers Road to be installed when the Byers Road sewer extension project is constructed. ARRO prepared and sent a July 5, 2019 review comments letter to the Township. PADEP issued a July 23, 2019 with three (3) items missing from the submitted SFPM. The Authority sent PADEP an August 23, 2019 letter in response to PADEP's July 23, 2019 letter containing three comments to the project's SFPM. The UUT Board of Supervisors at its September 16, 2019 meeting executed the amended Tentative Approval Decision to permit Parcel 6C to be developed as a senior living facility. PADEP issued a November 7, 2019 letter approving the Official Plan revision for the construction of the 101-unit retirement living apartment unit at 10,100 gpd sewage volume. ARRO reviewed the latest revision to the Vantage Point Retirement Living land development plans, dated December 6, 2019. ARRO issued a January 6, 2020 review comments letter to the Township. ARRO is reviewing the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020. ARRO prepared a March 6, 2020 review comments letter regarding the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020. On March 16, 2022, ARRO received updated land development design drawings. ARRO is in the process of reviewing the drawings to confirm they address ARRO's March 6, 2020 comments. On March 16, 2022, ARRO received updated land development design drawings. ARRO is in the process of reviewing the drawings to confirm they address ARRO's March 6, 2020 comments. ARRO reviewed the updated land development design drawings and had further comments to the drawings, which were transmitted on April 21, 2022. ARRO prepared a May 24, 2022 letter to the Developer's engineer documenting sufficient capacity within the Route 100 Regional WWTP for the proposed development's 10,600 gpd flow. Furthermore, ARRO reviewed the revised Component 3 for the project. ARRO reviewed revised land development drawings and construction cost breakdown for the sanitary sewer portion of the project and submitted comments to the documents on June 15, 2022. ARRO reviewed and commented on the sanitary sewer portion of the July 8, 2022 land development drawing. ARRO is assisting the Developer's engineer with the PennDOT highway occupancy permit. ARRO is assisting the Developer's engineer with the PADEP Sewage Facilities Planning Module preparation. On September 13, 2022, ARRO participated in the project pre-construction meeting. ARRO reviewed and commented on the project's initial sanitary sewer shop drawings. On March 21, 2023, onsite sanitary sewer installation began. All onsite sanitary sewer mains and manholes were installed and the new insertion manhole in Byers Road was also installed along with the sewer main connecting the road and site manholes. Sanitary sewer mandrel testing and manhole vacuum testing is complete. During June 2024, ARRO completed a final review of installed sanitary sewer items, then recommended release of escrow for field-installed items.

Submission of record drawings remains to be confirmed.

Eagle Hunt

Nothing new to report.

Eaglepointe

Wastewater Treatment Plant: ARRO is working on a plan to convert the Eaglepointe WWTP into a pretreatment facility before sending the effluent on to the Route 100 Regional WWTP for final treatment. It is proposed to design and construct an effluent pump station for a 2-inch force main.

ARRO has laid out a preliminary force main route from the Eaglepointe WWTP to the proposed Byers Road sanitary sewer extension across Route 100. ARRO is in the process of preparing to apply for project H2O PA grant funding for the conversion of Eaglepointe to a pre-treatment facility that will send its effluent to the Route 100 Regional WWTP. The Authority will need to execute a resolution prepared by ARRO for the grant funding. On December 20, 2022, ARRO submitted the H2O PA grant funding application for the conversion of Eaglepointe to a pre-treatment facility that will send its effluent to the Route 100 Regional WWTP. At the request of Clean Water, ARRO prepared a statement for distribution by the Eaglepointe property owner to its tenant commercial companies to refrain from using ammonia disinfectants and cleaning products that are believed to have upset the treatment plant process. January 2024: Contacted Property Owner of the Acme Complex to initiate discussions of forcemain easement in order to have the converted WWTP convey to the new Byers Road Extension manhole. March 6, 2024: Met with Mr. Todd Dratch who represents the owner of the Acme Complex (Farm Works Realty, LLC). Discussed upcoming forcemain project, including path and use. August 14, 2024: Zoom Call with Owner's representative (Todd Dratch) and he requested a sketch and to continue to try to convert 6 grinder pumps that serve various establishments into gravity drained service.

ACTION ITEM: Conclude easement with Acme complex property owner.

DiLibero - Go-Wireless, Eagle Car Wash and Enterprise Rent-A-Car Sanitary Sewer Connection: ARRO is conducting an evaluation of the wastewater treatment capacity and feasibility for connecting these three businesses to the Eaglepointe WWTP sanitary sewer system. ARRO completed the evaluation, including a piping layout and cost estimate, and it is now under internal review. On April 20, 2018 ARRO transmitted its sanitary sewer evaluation to Dilibero. ARRO has been responding to sanitary sewer related questions from Dilibero's sewer contractor. On March 7, 2019 ARRO transmitted the Authority's Eaglepointe sanitary sewer and easement drawings to Dilibero's engineer for use in preparing their sanitary sewer extension plans. Eagle Service Center is unwilling to consent to a sanitary sewer easement across its property. ARRO has prepared an alternative to an entirely gravity sewer design with a preliminary low-pressure force main design that crosses through the CarSense property in order to avoid the Eagle Service Center property. ARRO has communicated with the property owner's counsel and is preparing alternative sanitary sewer connection sketch designs for consideration. ARRO prepared an alternative sanitary sewer connection sketch design and on October 2, 2020 transmitted the sketch to the property owner and its counsel for consideration. On June 4, 2021 the Authority Administrator and ARRO met with the owner regarding this project. ARRO prepared an exhibit drawing showing proposed temporary and permanent sanitary sewer easements across both the Citadel Bank and Eagle Service Center lots. The exhibits were sent to the property owners for review. If the exhibits are accepted easement agreements will be prepared. ARRO attended a July 29, 2021 meeting with Eagle Retail Associates and the prospective future owner of Eaglepointe to discuss the proposed Dilibero sanitary sewer that will cross through the Eaglepointe lot containing Citadel Credit Union. ARRO prepared exhibit drawings showing temporary and permanent sanitary sewer easements across both the Citadel Credit Union and Eagle Service Center lots. Based on initial discussions some revisions were made and easement agreements will be drafted. At ARRO direction, surveyors will be conducting boundary survey the week of September 20, 2021 for both the Citadel Credit Union and Eagle Service Center lots. Temporary and permanent easement plans and descriptions will be prepared by the surveyors for future easement agreements. Surveyors completed the boundary survey for both Citadel Credit Union and Eagle Service Center lots. Easement plans and descriptions were submitted to ARRO on October 7, 2021 for review. ARRO prepared comments to the documents and submitted them to the surveyors on October 20, 2021. Surveyors revised the easement documents and resubmitted them to ARRO. ARRO reviewed and forwarded the documents to the Authority solicitor on November 10, 2021 with a request to prepare a Deed for Sewer Easement for each the Citadel Credit Union and Eagle Service Center lots. The Authority solicitor prepared a Deed for Sewer Easement for both the Citadel Credit Union and Eagle Service Center lots. The documents are being reviewed by the

property owners. A Deed for Sewer Easement for both the Citadel Credit Union and Eagle Service Center lots as prepared by the Authority solicitor was approved by each property owner and recorded in the Chester County Courthouse. Recorded documents were sent to each property owner by the solicitor on January 19, 2022. On March 16, 2022, ARRO received proposed sanitary sewer design drawings from the Developer's engineer. ARRO is in the process of reviewing the latest sanitary sewer drawings. ARRO is in the process of reviewing the latest sanitary sewer drawings. ARRO had a June 21, 2022 meeting at 37 Pottstown Pike with Synergy Environmental to discuss the possible discharge of treated groundwater remediation effluent to the Eaglepointe WWTP sanitary sewer system in lieu of the existing discharge to the Township stormwater system. On September 15, 2022, ARRO received updated sanitary sewer plans and the sanitary sewer facilities planning module application mailer for review. ARRO reviewed the September 15, 2022 updated sanitary sewer plans and the sanitary sewer facilities planning module application mailer and returned comments to the Developer's Engineer on October 11, 2022. Subsequently, the documents were revised by the Engineer and returned to ARRO, which were then reviewed and approved by ARRO with no further comments. ARRO was made aware that the Developer's Engineer submitted to PADEP the project's SFPM. ARRO reviewed the revised SFPM for the project, which now includes the property at 37 Pottstown Pike. After the Authority Administrator signed the SFPM, ARRO forwarded it back to the Developer's Engineer for submission to PADEP. PADEP sent a March 28, 2023, letter stating the project does not meet the definition of a subdivision; therefore, no planning modules are required. ARRO will advise the Developer that it needs to submit its insurance to the Township before starting any sanitary sewer installation work. ARRO conducted a pre-construction meeting on August 22, 2023 with Dilibero, Dilibero's contractor and easement property owners to discuss the timing of the sanitary sewer work in order to mitigate construction activities to existing businesses. October 2023: ARRO received and reviewed a revised construction plan. Work has not commenced. February 2024: ARRO discussed the project with the engineer Glen Kelczewski for an update. Dilibero is now interested in using low pressure force main to service their property. ARRO suggested a duplex grinder pump to service all three buildings. June 2024: Owner is seeking funding for the work, including inquiries with the Authority. July 2024: Owner stated the project is officially on-hold due to financing. September 2024: ARRO received updated design plan from Barry Dilibero and reviewed it for completeness. October 2024: ARRO provided updated design plan review in email on October 3, 2024. The design plans will now go to Township for permitting.

Nothing new to report.

Ewing Tract

Nothing new to report.

Fetters Farm Tract (a.k.a. Preserve at Marsh Creek)

PADEP issued the WQM permit, dated November 25, 2019, for the low-pressure sanitary sewer with individual grinder pumps and for the upgrade to the Reserve at Eagle Pump Station No. 1 required as part of the project. McKee Group held a February 5, 2020 meeting with its engineers and contractor. Discussions included forthcoming designs for the piping between the Preserve drip fields and Upland Farms pump station, revisions to gravity sanitary sewer around Reserve at Eagle PS #1, and the Route 100 Regional WWTP Phase III expansion. McKee expects submission of the Phase III expansion design around May 2020, not March 2020 as stipulated in the Agreement for Expansion of the Route 100 Central WWTP. ARRO had a February 12, 2020 meeting with Keystone Engineering at the Reserve at Eagle PS #1 to discuss electrical revisions to the station in support of the upgrade necessary to carry McKee flows. ARRO continues reviewing the project's sanitary sewer materials shop drawings. Site contractor construction schedule shows start of sanitary sewer installation as the last week of February 2020. Site contractor started sanitary sewer installation on March 4, 2020. Site contractor suspended sanitary sewer installation work due to coronavirus restrictions. On May 1, 2020 Ebert Engineering submitted initial plans for the Reserve at Eagle Pump Station Upgrade. ARRO

transmitted a May 12, 2020 email to Ebert Engineering with review comments to Reserve at Eagle Pump Station Upgrade plans. ARRO received an email from Ebert Engineering that the initial submission of the Upland Farms drip pump station upgrade and Fetter site drip field design would be submitted during the week of May 25. On June 12, 2020 ARRO received from Ebert Engineering the initial submission of the Fetter Tract Drip Disposal System Part II WQM Permit Application, Design Engineer's Report and Drip Disposal System design drawings issued for WQM review. ARRO is in the process of reviewing the documents. ARRO reviewed E. B. Walsh Utility Coordination drawings and Ebert Engineering revised low pressure sewer system drawings and issued June 17, 2020 comments to each drawing set. On June 25, 2020 Ebert Engineering submitted to ARRO for review and comments a revised Fetter Drip Disposal System design that removed the Drip Filter Building, along with a revised WQM Part 2 Permit Application and Design Engineers Report. ARRO transmitted comments on the documents to Ebert Engineering by email dated July 2, 2020. On July 15, 2020 E. B. Walsh submitted a revised Utility Coordination plan set to address previous ARRO comments. The plan set was primarily developed to coordinate information contained on various plans prepared by Ebert Engineering and the E. B. Walsh offices. ARRO is in the process of reviewing the revised plan set. On July 21, 2020 Ebert Engineering submitted revised plans for the Reserve at Eagle Pump Station Upgrade. ARRO is in the process of reviewing the revised plans. Gravity sanitary sewer installation continues, while low pressure sewer system shop drawings were submitted and reviewed in early August 2020. On July 24, 2020 Ebert Engineering submitted to ARRO for review and comments a revised Fetter Drip Disposal System design along with a revised WQM Part 2 Permit Application and Design Engineers Report. ARRO is in the process of reviewing the revised documents. On July 21, 2020 Ebert Engineering submitted revised plans for the Reserve at Eagle Pump Station Upgrade. ARRO reviewed the revised plans. ARRO transmitted an August 19, 2020 email to Ebert Engineering stating it had no further comments to the plans. ARRO transmitted a September 4, 2020 email to Ebert Engineering with review comments to the revised Fetter Drip Disposal System design along with the revised WQM Part 2 Permit Application and Design Engineers Report. ARRO submitted September 2, 2020 comments to the Ebert Engineering drawings of the rerouted Reserve at Eagle PS #1 force main around existing Manhole #500 necessary to facilitate the installation of new gravity sewer between the manhole and the pump station wetwell. The drawings were subsequently revised and approved by ARRO. Sanitary sewer and force main work at the Reserve at Eagle PS #1 was completed and tested. All sanitary sewer was completed and tested between the Reserve at Eagle PS #1 and the Toll/McKee model homes. House service lines at the four McKee model homes and the two Toll Brothers model homes were completed and tested. ARRO reviewed the revised Fetter Drip Disposal WQM application, design engineer's report and drawings submitted by Ebert Engineering on November 8, 2020 and has no further comments to the documents. On January 8, 2021 the Authority Administrator signed the Fetter Tract Drip Disposal WQM permit application on behalf of the Authority. Ebert Engineering will electronically submit the permit application documents to PADEP the week of January 18, 2021. Ebert Engineering submitted the WQM permit application documents to PADEP by transmittal letter dated January 25, 2021. ARRO reviewed Phase 1 sanitary sewer escrow release No. 1 and prepared a February 24, 2021 letter to the Township approving the quantities and the escrow release's requested amount of \$669,462.83. Work continues on installation and testing of gravity and low-pressure sewer system mains. On July 1, 2021, McKee transmitted Phase 1 sanitary sewer escrow release No. 2 request to ARRO. ARRO is in the process of reviewing the request. After reviewing McKee's Phase 1 sanitary sewer escrow release No. 2 request, ARRO prepared a list of items to complete based on ARRO RPR records. ARRO also prepared an August 17, 2021 letter to the Township recommending withholding \$19,721.85 to cover the costs to complete the work items in the list and finding acceptable the release of \$207,270.85 to McKee. A pre-construction meeting for Phase 2 and Phase 3 was conducted on December 6, 2021. The sanitary sewer systems in both phases are low pressure sewer. The contractor has started to submit the sanitary sewer component shop drawings. Phase 2 and Phase 3 sanitary sewer installation has not begun as of February 17, 2022. Phase 2 sanitary sewer installation began on March 14, 2022. On March 8, 2022, Ebert Engineering submitted a February 14, 2022 letter from Hydro Designs, Inc. with the concept of combining the drip systems of both Upland Farms and Preserve at Marsh Creek under one process control. ARRO is

reviewing the letter. On April 29, 2022, the Authority Administrator and ARRO received an email that McKee has authorized MGK to proceed with the Reserve at Eagle Pump Station #1 upgrades. On July 6, 2022, ARRO directed Ebert Engineering to provide a written update and schedule for the drip field controls prior to a meeting with the Authority Administrator to discuss the Hydro Designs, Inc. letter with its concept of combining the drip systems of both Upland Farms and Preserve at Marsh Creek under one process control. As of September 20, 2022, ARRO has yet to receive the update and schedule from Ebert Engineering. ARRO continues to receive and review the Reserve at Eagle Pump Station #1 Upgrade shop drawings. A video conference was held on October 17, 2022 with the Authority Administrator, McKee, Ebert Engineering, MGK and ARRO to discuss the schedule for the installation of the drip field tubing, the drip supply and return piping and controls and the effluent pipe from the Upland Farms drip control building to the Preserve at Marsh Creek drip fields. The need to start monitoring well background sampling was also discussed. Subsequently, a site drip field pre-construction meeting was arranged with PADEP to occur on October 21, 2022. Installation of Fetter Tract (Preserve at Marsh Creek) drip fields tubing was started by Lee Rain on October 24, 2022 and is continuing. Valley Environmental Services, Inc. completed background sampling at all but one monitoring well. The solitary monitoring well will be sampled when access is available. Installation of Fetter Tract (Preserve at Marsh Creek) drip fields tubing was completed on November 29, 2022. Perimeter drip field piping will be installed in Spring 2023. Valley Environmental Services, Inc. completed background sampling at the last monitoring well, F-1. MGK Industries intends to start the upgrade of the Reserve at Eagle Pump Station No. 1 the week of December 26, 2022. MGK Industries received a proposal from its bypass pumping subcontractor, but has decided to postpone the start of the Reserve at Eagle Pump Station No. 1 upgrade until sometime in the near future (which was accomplished on June 5, 2023 per MGK email dated June 1). A pre-construction meeting was held on Friday, January 13, 2023, for the installation of the 6" drip field effluent force main from the Upland Farms Drip Control Building. The installation of the 6" drip field effluent force main from the Upland Farms Drip Control Building to the Preserve drip fields was completed and tested. The tie-in of the effluent force main to the existing Upland Farms/Waynebrook drip force main remains to be done. The Authority Administrator prepared and sent a February 6, 2023 letter to McKee Group regarding reserve treatment and disposal capacity for the project. The letter stipulates that the Authority can accommodate new Preserve at Marsh Creek units to be connected through December 2023. However, the date could be sooner if the connection rate in 2023 is greater or faster than 2022. The letter further notes that the Authority will require the new Upland Farms drip controls, the new drip fields and their respective supply and return piping infrastructure to be completed and operational by June 2024. McKee responded with a February 17, 2023 email containing a February 17, 2023 proposal from Keystone Engineering for Upland Farms Pump Controls Upgrade and new Fetter Drip Field Control Systems. The Authority Administrator and ARRO are reviewing the Keystone proposal. The Authority Administrator and ARRO reviewed the Keystone proposal and on February 24, 2023 returned comments to McKee. A March 6, 2023 revised proposal was submitted for review and comment. The March 6, 2023 revised proposal was reviewed and accepted. Drip main feed and dose vaults are installed. Drip fields completed in October 2023. Lee Rain completing vault, valve, and flow meter installations in November 2023. Toll has completed the installation of the low-pressure sanitary system on the model homes in Phase III. Leak testing of manifolds completed. Backfilling completed. December 2023: Pressure testing with DEP concluded and report from DEP is forthcoming. Leak testing of manifolds occurred and backfill was initiated. Team met at Uplands to discuss control panel that has been installed. Punchlist items being addressed, including fence repair and relocating gate on Spray Field B. January 2024: Leak testing on force main pipe serving the new drip fields occurred and passed. Panels are installed. Programming continues. February 2024: Representatives from McKee, MGK, Keystone, Ebert Engr, ARRO continue to meet discuss final steps in construction and control as we near start-up. March 2024: drip field installation and controls work have concluded. April 2024: Work completed. Incidental programming activities continue.

Installation of the gravity or low-pressure system house service line to each new home continues as required.

Contractor finds valve actuator issues during drip system SCADA testing. A new actuator will be ordered and installed.

ACTION ITEM: Drip fields nitrogen limit in discussion with PADEP to raise limit from current permit of 10 mg/L to 14 mg/L.

Greenridge

Meadow Creek Sewer Extension: At the request of the Authority Administrator ARRO prepared March 16, 2020 sketch plans and opinions of probable construction costs to extend Meadow Creek sanitary sewer to the Greenridge WWTP. ARRO is studying the retirement of the Meadow Creek WWTP by starting a study to determine what upgrades are needed at Greenridge WWTP in order to accept flow from Meadow Creek. ARRO also initiated a preliminary design for a pump station and force main system to convey Meadow Creek flow to Greenridge WWTP. ARRO continues the plans for decommissioning the Meadow Creek WWTP, continues preliminary pump station and force main design to convey sewage to the Greenridge WWTP, and continues the study of the Greenridge WWTP to determine what upgrades are needed to accept Meadow Creek flow. ARRO received a proposal from its surveyor to prepare an initial survey for the sewer extension and is evaluating the proposal. ARRO reviewed the surveyor proposal to prepare an initial survey for the sewer extension and recommended its approval to the Authority Administrator. ARRO received approval from the Authority Administrator for survey. ARRO directed the surveyors to proceed with the initial survey for the sewer extension. ARRO continues the plans for decommissioning the Meadow Creek WWTP and continues preliminary pump station and force main design to convey sewage to the Greenridge WWTP. On July 5, 2022, ARRO received the Hopkins & Scott site survey for the project. ARRO incorporated the survey into the sanitary sewer drawings. The Authority Administrator and ARRO participated in a conference call with PADEP about the Greenridge WWTP upgrade and sending Meadow Creek sanitary sewer flow to Greenridge for treatment. ARRO is working on the selection of wastewater treatment methods to upgrade the Greenridge WWTP to treat the combined flow from Greenridge, Stonehedge, OCARD and Meadow Creek. ARRO is in the process of preparing to apply for project H2O PA grant funding. The Authority will need to execute a resolution prepared by ARRO for the grant funding. On December 20, 2022, ARRO submitted the H2O PA grant funding application for the Meadow Creek Sewer Extension project. January 2024: Surveyor completed services along Styer Road and Greenridge Road from Meadow Creek to 100 Greenridge Road, including collecting data provided by PA One Call. Public meeting on March 26, 2024, to address the pending bid and construction of the expansion.

ARRO has completed pump station and force main design plans to convey Meadow Creek effluent to 100 Greenridge Road. See 100 Greenridge Road for additional information.

Jankowski (Chester Springs Crossing)

Nothing new to report.

Lakeridge

ARRO is preparing an evaluation of the wastewater plant and sanitary sewer to assess the feasibility of connecting six (6) homes along Moore Road to the sanitary sewer system. ARRO completed its evaluation of the wastewater plant and sanitary sewer. The wastewater plant has sufficient capacity, but an extension to the existing Moore Road sanitary sewer will need to be constructed. ARRO requested a proposal from its surveyor to prepare the initial survey for the Moore Road and Ivystone Drive sanitary sewer extension design. ARRO received a proposal from its surveyor for the initial survey of Moore Road and Ivystone Drive in support of the sanitary sewer extension design. After negotiation ARRO agreed on a \$7200 price, which was approved by the Authority Administrator. ARRO received Moore Road and Ivystone Drive survey drawing data and is in the process of incorporating the information into the sanitary sewer extension design drawings. ARRO continues to prepare draft Moore Road sanitary sewer extension design drawings. ARRO is examining the extension of sanitary sewer to serve all Walter Court homes. One Walter Court home was connected

to the existing sewer system. ARRO started preparation of the annual groundwater monitoring report. ARRO submitted the annual groundwater monitoring report on May 31, 2023. November 2023: WQM permit renewal application was provided to DEP, including the 5-year Comprehensive Groundwater Evaluation Report.

Awaiting issuance of WQM renewal permit from DEP.

Marsh Harbour

Nothing new to report.

Reserve at Eagle

MGK contractor installed the replacement check valves and plug valves. Installation of pump station bypass and upgraded pumps and VFDs remain to be completed. The installation of replacement pumps and VFD/controls is complete. The pump station bypass necessary for the work has been removed. June 2023: All of the new upgrade equipment to support Preserve at Marsh Creek is now in service.

Nothing new to report.

Route 100 WWTP

ARRO submitted the Act 537 Planning Grant Application to the Pennsylvania Department of Community and Economic Development on May 23, 2019. ARRO received correspondence from the Pennsylvania Department of Community and Economic Development that they will consider the UUT Act 537 Planning Grant Application at their September 17, 2019 Commonwealth Financing Authority (CFA) Board meeting. The CFA posted its September 17, 2019 meeting grant award list and Upper Uwchlan Township was awarded the \$32,610 grant as requested on the Act 537 Planning Grant application. The UUTMA Act 537 Planning Project is awaiting the grant award documentation and agreement from CFA, which needs to be processed and signed before ARRO can move ahead with the planning. The UUTMA Act 537 Planning Project grant award documentation and agreement from CFA was signed. ARRO has started some basic planning work by reviewing past 537 Planning documents and township demographics. ARRO submitted the 2020 Route 100 Regional WWTP groundwater monitoring report to PADEP on June 19, 2020. The Authority Administrator and ARRO met on January 20, 2021 to discuss various alternatives in connection with ARRO's Act 537 planning work. The Authority Administrator and ARRO met on January 20, 2021 to discuss various alternatives in connection with ARRO's Act 537 planning work. As a follow-up to the January 20, 2021 meeting, ARRO is completing planning level studies of the various discussed alternatives, which will then be incorporated into the final planning document. At the Authority's March 2021 meeting ARRO is preparing to do a short presentation of the Act 537 planning Executive Summary. At the March 2021 Authority meeting ARRO provided the Authority with hard and electronic copies of the draft Act 537 Plan for review and ARRO is now awaiting comments from the Authority. The Act 537 Plan is ready to be sent to Chester County. ARRO went to the August 2021 Township Planning Commission meeting and received comments from the Commission to the Act 537 Plan. ARRO is in the process of preparing responses to these comments and revising the Plan based on the comments. ARRO has yet to receive comments to the Plan from the Chester County Planning Commission and the Chester County Health Department. ARRO prepared and submitted responses to the Township Planning Commission comments. ARRO will meet with the Township Planning Commission at its October meeting. The Chester County Planning Commission submitted a letter to ARRO that the draft Plan was consistent with the County's Comprehensive Plan. The Chester County Health Department has yet to provide a review letter or comments to the draft Plan. ARRO completed drive-by field confirmations of the returned OLDS surveys, but continues to place a hold on completing the in-person field verifications due to COVID-19 concerns. ARRO met with the Township Planning Commission at its October 2021 meeting, reviewed their comments on the Act 537 Plan, and provided further description relative to ARRO responses to the Commission's comments. Chester County Health Department submitted a

review letter with one comment, primarily for minor verbiage clarification. The next step will be to prepare the Plan for public review and comment. Also, at the end of September 2021, ARRO submitted the Plan's quarterly status update to PADEP. ARRO prepared the Plan for public review and comment. ARRO is in the process of preparing the public notice for advertisement of the Plan for the 30-day public comment period. ARRO will coordinate with the Township to place the Notice in the newspaper within the next couple of weeks. A hard copy of the Plan will be provided to the Township to keep at the Township Office front desk for any Township resident who wish to stop by and look at it. An electronic copy will also be provided to the Township to post on their website. ARRO prepared the public notice for advertisement of the Act 537 Plan's 30-day public comment period. On December 6, 2021 ARRO transmitted the notice to the Township who will place the advertisement and an electronic version of the Plan to the Township for placement on the Township's website. ARRO also brought a hard copy of the Plan to the Township Building for public review, too. Based on Township Bordeaux Estates residents' comments to the Plan, and at the direction of the Authority Administrator, ARRO revised the Plan to delete the Bordeaux Estates subdivision's future sanitary sewer. Only the Edgefield and Highview/Waterview neighborhoods will be included in the Plan for future sanitary sewer service. On April 26, 2022, another public meeting was held and residents expressed further concerns regarding the proposed pubic sewer in the Bordeaux neighborhoods. The Act 537 Plan was submitted to PADEP in late June 2022. PADEP has 120 days to review and comment on the Plan. Comments were anticipated by the end of October 2022; however, to date no comments have been received from PADEP. The Authority Administrator and ARRO had a December 8, 2022 meeting with PADEP to review and discuss PADEP comments to the draft Act 537 Plan. ARRO is preparing responses to the PADEP comments. Draft edits and changes have been made by ARRO to the Act 537 Plan per comments received from PADEP. Edits to the Plan's text have been forwarded to the Authority Administrator for review and comment. ARRO met with the Authority Administrator to review and discuss the Administrator's comments to ARRO's initial Plan edits. ARRO made further edits per the Administrator's suggestions and provided the Administrator with an updated Act 537 Plan document for additional review and comment. ARRO has incorporated the Authority Administrator's review comments into the updated Plan. The Administrator reviewed the most recent edits to the Plan and had no further comments. On March 2, 2023, ARRO resubmitted the Plan to PA DEP. PADEP has 120 days to review and comment on the Plan. ACT 537 PLAN: As the 120-Day review period has expired, ARRO has contacted PADEP on August 29, 2023 to inquire about the status of the review and any comments to which DEP stated they would not be able to provide a date as to when the review will be completed due to staff shortages. April 10, 2024: Received comments on 537 Plan from Kelly Seeney (DEP). Responses submitted to PADEP in June 2024.

Nothing new to report.

Route 100 WWTP – Phase III

On May 3, 2018 ARRO completed a preliminary cost opinion for the Phase III construction. ARRO responded to February 28, 2020 questions from Ebert Engineering regarding the design of the Phase III precast tanks and the SBR treatment system. ARRO reviewed the initial Aqua-Aerobics Phase III Process Design Report and submitted April 3, 2020 comments to Ebert Engineering on the report. Subsequently Ebert Engineering submitted an updated Process Design Report to ARRO, which ARRO is in the process of reviewing. ARRO received a June 9 email from Ebert Engineering that the initial submission of Route 100 Regional WWTP Phase III design documents would be submitted the week of June 22. ARRO received a July 17, 2002 email from Ebert Engineering that Dutchland is proposing to use the common wall design for the two new SBR basins. On July 24, 2020 ARRO received from Ebert Engineering a WQM Part 2 permit application and upgrade design drawings for the Route 100 Regional WWTP Phase III project. ARRO is in the process of reviewing the documents. On August 20, 2020 ARRO transmitted to Ebert Engineering comments to the Route 100 Regional WWTP Phase III WQM Part 2 permit application and upgrade design drawings. ARRO completed review of Ebert Engineering's revised Route 100 Regional WWTP Phase III WQM Part 2 permit application with revised upgrade design drawings transmitted November 4, 2020. On December 16, 2020 ARRO transmitted

comments on the documents to Ebert Engineering. ARRO completed a review of Ebert Engineering's further revised Route 100 Regional WWTP Phase III WQM permit application design documents and had no further comments to the application. On January 8, 2021 the Authority Administrator signed the permit application on behalf of the Authority. Ebert Engineering will electronically submit the permit application documents to PADEP the week of January 18, 2021. Ebert Engineering submitted the WQM permit application documents to PADEP by transmittal letter dated January 25, 2021. Keystone Engineering has started the Route 100 Regional WWTP Phase III electrical design. ARRO met a Keystone electrical engineer at the WWTP to review the existing electrical equipment. On April 21, 2021 ARRO was informed by Ebert Engineering that the Route 100 Regional WWTP Phase III electrical design will be submitted for review and comment the week of April 26, 2021. On May 11, 2021, ARRO received from Ebert Engineering the Route 100 Regional WWTP Phase III electrical design. ARRO has started a review of the design. On June 14, 2021, ARRO received the draft Phase III final design technical specifications and drawings from Ebert Engineering for review and comment. ARRO reviewed the draft Phase III final design technical specifications and drawings and on July 21, 2021 transmitted to Ebert Engineering review comments to the documents. The Authority Administrator submitted an August 2, 2021 letter to PADEP committing to use planning-based flow numbers in the draft Act 537 Plan and expand the Plan to address new land disposal capacity. The Authority Administrator and Ebert Engineering had a September 1, 2021 email exchange with PADEP regarding the WQM permit for the Route 100 Regional WWTP Phase III project. PADEP said it would not issue the WQM permit for the full 0.800 MGD, but would limit the WQM permit to 0.600 MGD. However, PADEP could issue the permit to allow construction of the final two SBR tanks with the caveat that only three of the four SBRs can be operational at any one time. A draft copy of the permit was received by Ebert Engineering the week of September 13, 2021 and was forwarded to the Authority Administrator for review by ARRO. ARRO reviewed the draft copy of the Phase III WQM permit and prepared comments to the Authority Administrator. The ARRO comments were incorporated into a draft letter on Authority letterhead. The letter was submitted to PADEP for use as the basis for discussion in a September 29, 2021 video conference with the Authority Administrator, PADEP, Ebert Engineering and ARRO in an effort to expedite the issuance of a final permit. PADEP issued the final Phase III WQM permit under transmittal letter dated November 15, 2021. ARRO received on October 22, 2021 Ebert Engineering's first revision to the draft Route 100 Regional WWTP Phase III construction drawings and technical specifications. ARRO prepared comments to the documents and submitted them to Ebert Engineering on November 8, 2021. ARRO prepared and submitted on November 16, 2021 further comments to the electrical design. On December 6, 2021 Ebert Engineering submitted the second revision to the draft Route 100 Regional WWTP Phase III construction drawings and technical specifications. ARRO prepared comments to the documents and submitted them to Ebert Engineering on December 20, 2021. The Phase III pre-construction meeting was held at the Upper Uwchlan Township Building on February 17, 2022. Ebert Engineering is preparing revised plans to show the 3rd and 4th effluent pumps planned under Phase 1 and Phase 2 and the inclusion of an emergency generator to power effluent pump(s) during power outages. On March 30, 2022 Dutchland transmitted an email to the Authority Administrator, Ebert Engineering, MGK and ARRO stating they found a problem with the existing SBR Digester & EQ Tank exterior wall panels. The panels that were to make up the common wall with Phase III SBR tanks do not have the correct reinforcing steel to allow a full tank on one side and an empty tank on the opposite side. A video conference was held on April 5, 2022 to discuss the issue. Subsequently, Dutchland submitted an April 11, 2022 letter with drawings showing separate SBR #3 and SBR #4 tanks. ARRO is reviewing the drawings and will provide comments. On May 6, 2022 ARRO submitted comments to the Dutchland drawings of separate SBR #3 and SBR #4 tanks structure. ARRO started review of Route 100 Regional WWTP Phase III shop drawings. ARRO submitted comments to the Aqua-Aerobics SBR materials shop drawings on May 24, 2022. ARRO reviewed and transmitted August 9, 2022 comments to Ebert Engineering on the draft Dutchland separate SBR #3 & #4 tank drawings and the Ebert Engineering revised SBR plans based on the draft Dutchland drawings. ARRO continued to review Ebert and Dutchland revisions to the Phase III design drawings and technical specifications when submitted. ARRO has no further comments to the latest Technical Specifications, dated September 9, 2022, and only one comment to

the latest Contract Drawings, last dated September 14, 2022. MGK submitted to McKee a \$398,993.00 change order, dated October 19, 2022, for the costs to SBR precast tank changes, additional cost of piping and the cost of two new effluent turbine pumps. The change order revises the Phase III contract total cost to \$3,392,453.00. McKee forwarded the change order to the Authority Administrator by email dated October 19, 2022, stating they will approve this increase in the contract costs of the WWTP, but at some point, they will need to talk to the Authority about the change order costs. Construction has begun on the two SBR tanks. The subgrade was tested by the geotechnical consultant and the stone base was placed by MGK. The tank base slab was formed and reinforcing steel was installed. The tank base slab is proposed to be poured on November 18, 2022. The SBR tanks base slab was poured and the tanks' panels were set. Grouting of the tank panels is underway and tensioning of the panel cables will take place the week of December 26, 2022. The two SBR tank panels were grouted and panel cables were tensioned. On January 18, 2023, the first tank was filled with water to start a 2-day tank leakage test. Both SBR tanks passed their 2-day tank leakage test. Contractor has started to install influent and air piping to both tanks. Blower pads were poured and new additional digester and SBR tank blowers were set. Contractor is working on installation of influent piping modifications in the Blower Building. Contractor continues installing influent and air piping in both tanks and air piping modifications in the digester. Contractor continues installation of influent piping modifications in the Blower Building. Rt. 100 Regional WWTP Upgrade Construction: Digester tank aeration equipment was installed. During the aeration work, the Digester precast concrete interior wall surfaces were found to be compromised. At the Authority Administrator's direction, ARRO prepared an April 19, 2023 letter to Dutchland to have its representative come to the WWTP to observe the current wall condition and discuss remediation. SBR #3 and #4 decant supports were installed and the two decants and two mixers are ready to be installed. Aerator diffusers were installed in the two SBR tanks. All of the Phase 3 blowers, blower piping and the two influent motorized plug valves have been installed in the Blower Building. The new fourth influent pump was installed in the pump room. Electrical for the preceding mechanical items remains to be complete. All SBR equipment is installed. Two new effluent pumps are installed, except the Pump #4 motor and VFD. Dutchland repaired minor irregularities to SBR tanks sealant joints and interior coatings. Electricians are installing power and communication wiring. Grading and exterior tank lighting needs to be complete. On April 27, 2023, the Authority Administrator, ARRO, MGK and Dutchland had a meeting at the Route 100 Regional WWTP to discuss the condition of the Digester precast concrete walls. A portion of the wall panels below the waterline are starting to lose the upper layer of concrete fines exposing coarser aggregate. MGK brought along a coatings contractor who will prepare a summary of what could be done to mitigate the concrete condition. Rt. 100 Regional WWTP Upgrade Construction: The Effluent Pump #4 motor was installed; however, VFDs for both new pumps remain to be installed. Electricians are still working on pulling wire and setting up power/controls for the new SBRs. It is estimated 3 weeks are necessary to complete the electrical work, predicated on materials/equipment shipments arriving as required. The construction site has been reseeded. MGK final electrical work has been held up due to MCC parts delivery issues, which MGK expects to be delivered by the end of August 2023. Continuing wiring of the new SBR equipment and blowers will be completed. MGK received the electrical buckets for installation. The VFDs in the Effluent pump house have been installed. January 2024: Annual DRBC Docket report submitted on 1/24/24. March 2024: start up activities have commenced on the 2 new SBR tanks (Nos. 3 & 4). April 2024: start up continues with clean water. Seeding anticipated to be in May. DEP inspected. Seeding of 1 new SBR commenced in June. Facility is in full start-up mode. Awaiting effluent testing. New SBR in full operation. September 2024: Received and reviewed pay request from McKee.

Nothing new to report.

Saybrooke

Nothing new to report.

St. Andrews Brae

Nothing new to report.

Upland Farms

Nothing new to report.

Waynebrook

Nothing new to report.

Windsor Ridge

Nothing new to report.

MISCELLANEOUS

100 Greenridge Road – On January 7, 2021 the Authority Administrator and ARRO met with a developer to discuss the sanitary aspects for a potential 78 ea. lot active adult community situated over a 58.94-acre total site area at 100 Greenridge Road. A sketch of the proposed site and a ChescoViews satellite image of the site is attached to the January 20, 2021 Project Status Report. On June 4, 2021 the Authority Administrator and ARRO met with Toll Brothers regarding this project. ARRO reviewed the project's conditional use application and prepared a September 7, 2021 letter to the Township. The Developer is proposing 64 single-family lots with a required sanitary sewer capacity of 14,400 gallons per day. The proposed subdivision will be serviced by the Route 100 Regional WWTP with drip field irrigation disposal to be offered for dedication to the Township. ARRO reviewed the project's revised conditional use plans, dated October 4, 2021, and submitted an October 27, 2021 comments letter to the Township. A Conditional Use meeting is scheduled for February 22, 2022. The February 22, 2022, Conditional Use meeting is scheduled to continue on March 29, 2022. A March 29, 2022, Conditional Use meeting was held for the project. There were discussions with the Authority Administrator and ARRO regarding combining flows from Meadow Creek and 100 Greenridge Road and sending the combined flow to the Route 100 Regional WWTP for treatment and disposal. On April 19, 2023, ARRO received a Preliminary Subdivision/Land Development Application for review and comment. The preliminary plans are under review. ARRO completed its Preliminary Subdivision/Land Development Application review and submitted comments by letter dated May 26, 2023. The Authority Administrator, ARRO and Toll Brothers held a meeting on July 10, 2023 to discuss the project's wastewater conveyance, which could include both Meadow Creek and Milford Farms to the Route 100 Regional WWTP. ARRO is conducting a study of possible sanitary sewer routes and potential upgrades necessary to some of the existing and proposed pump stations.

ARRO continues design of pump station and force main to convey Meadow Creek & 100 Greenridge Road sanitary flow from 100 Greenridge Road to a Jankowski/Chester Springs Crossing manhole.

Milford Farms – ARRO had survey completed on Surrey Lane and Carriage Drive, and on portions of Font Road and Milford Road, as preliminary to the sanitary sewer design for residential homes along these roads. Survey indicated Milford Road gravity sewers would be untenable due to existing grades. ARRO completed a preliminary design for gravity sewer within Surrey Lane, Carriage Drive and the portion of Font Road between Surrey and Carriage. A small wastewater pump station will be needed. The pump station is proposed to be located at the intersection of Font Road and Milford Road and its force main would be connected to an existing force main located in Font Road serving three homes on the Milford Road dead-end. ARRO prepared presentation graphics of the proposed sewer for the Authority Administrator. ARRO prepared letters that were delivered to property owners in the Milford Farms sewer area inviting them to the April 23, 2019 Authority meeting to be held at the Pickering Valley Elementary School. ARRO is proceeding with the preparation of the sanitary sewer

design drawings and specifications for project's submission to PADEP. ARRO is creating Milford Road and Byers Road sanitary sewer informational documents for the Township's website. ARRO is reviewing the planning module application and getting it ready for Authority and Township signatures before its submission to PADEP. ARRO submitted the planning module application to PADEP on May 10, 2020. Under Authority letterhead ARRO prepared a July 2020 communication to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. On July 28, 2020 the Township mailed letters to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. ARRO is working on completing the design drawings and specifications for the project. On September 18, 2020 planning module approval was received from PADEP. ARRO is continuing to prepare the WQM Part 2 permit for the proposed pump station as well as the plans and specifications. ARRO intends to soon submit the WQM Part II permit application package to PADEP. A \$500 fee to the Commonwealth of Pennsylvania is required as part of the permit application. ARRO submitted the Part II permit application to PADEP on February 15, 2021. ARRO received the WQM Part II permit from PADEP via email on June 4, 2021. ARRO is revising the Milford Farms pump station easement drawing to comply with the property owner's request to reduce the easement width from 50 feet to 30 feet. ARRO revised the Milford Farms pump station easement drawing to comply with the property owner's request to reduce the easement width from 50 feet to 30 feet. ARRO is securing the services of an appraiser for the pump station easement. ARRO is working to put together the survey, legal description and appraisal package for the Milford Farms pump station in a Font Road property easement. On September 1, 2022, an appraisal report package prepared by William Wood Company for the Milford Farms pump station in a Font Road property permanent easement was received in the amount of \$1,500.00. ARRO is in the process of preparing to apply for project H2O PA grant funding. The Authority will need to execute a resolution prepared by ARRO for the grant funding. Authority counsel prepared an easement Agreement for the proposed Font Road pump station. Counsel requested preparation of a drawing showing the location of the agreed service line connection installations from the property owner's house and out-building as stated in the Agreement. ARRO is in the process of preparing the requested drawing. ARRO prepared and submitted to the Authority counsel the easement drawing showing the location of the agreed service line connection installations from the property owner's house and out-building as stated in the Agreement. The final Agreement went to the property owner and the Authority Administrator is meeting with the property owner on December 27, 2022 to get the Agreement executed. On December 20, 2022, ARRO submitted the H2O PA grant funding application for the Milford Farms Sanitary Sewer Extension project. The Authority Administrator met the property owner on December 27, 2022 and the easement Agreement was signed. Once the Authority executes the Agreement the deed can be signed and notarized. The pump station site Easement Agreement and Deed of Dedication were executed on February 21, 2023. The \$1,500 pump station easement purchase check has been processed for payment. Public meeting on March 26, 2024 to address the pending bid and construction of the expansion. June 2024: Project awarded to Almeida & Hudak for General Construction and ElectaTech Services for electrical scope. July 2024: Pre-construction meeting held on July 16. Shop drawings are being reviewed. Contractor has conducted soil testing and began ordering the manholes. August 2024: Materials approved and ordered. Soil testing completed. Survey layout completed. October 2024: Mobilization activities began. November 2024: Construction began on November 11, 2024. Work is estimated to go through May 2025.

January 2025: General construction work continues. General Contractor submitted its first application for payment.

301 Park Road – A Developer's engineer, Wilkinson & Associates, has approached ARRO for sanitary sewer information for the connection of a proposed commercial building, to be located at 301 Park Road, to the Route 100 Regional WWTP sanitary sewer system within Heather Hill Drive. Currently, the building is proposed to be sized for 11 employees. The number of EDUs has yet to be determined. ARRO determined that 1 EDU was required for the project. A land development plan

was submitted for review on November 16, 2022. On December 1, 2022, ARRO submitted review comments to the November 16, 2022 land development plans. ARRO received a second preliminary land development plan from Wilkinson & Associates, dated March 1, 2023, for review and comment. ARRO sent an April 4, 2023 letter with its review comments to the second preliminary land development plan from Wilkinson & Associates. ARRO reviewed the sewage facilities planning module mailer packet, signed the mailer, and on April 21, 2023 returned it to the applicant.

Nothing new to report.

160/180 Park Road (Gunner Properties) - ARRO reviewed a PADEP sewage facilities capacity determination form and mailer for a new take-out restaurant and bar at 160/180 Park Road. After ARRO review, the Authority Administrator signed the documents on March 29, 2023, and then ARRO transmitted the documents back to the Developer's engineer on March 31, 2023.

Nothing new to report.

Senn Property - Gilmore & Associates completed Environmental Site Assessments for the property (Phase I on April 5, 2023 and Phase II on June 20, 2023). ARRO engages the services of a Certified Soil Scientist to further assess the use of portions of the site for wastewater disposal with an initial site walk on August 31, 2023. September 2024: Board discussed retraction of offer. October 2024: Board discussed getting an agreement with owner and moving forward.

Nothing new to report.

PERMIT APPLICATION REVIEWS:

Rockhill Real Estate Porsche Service Center (500 Pottstown Pike)

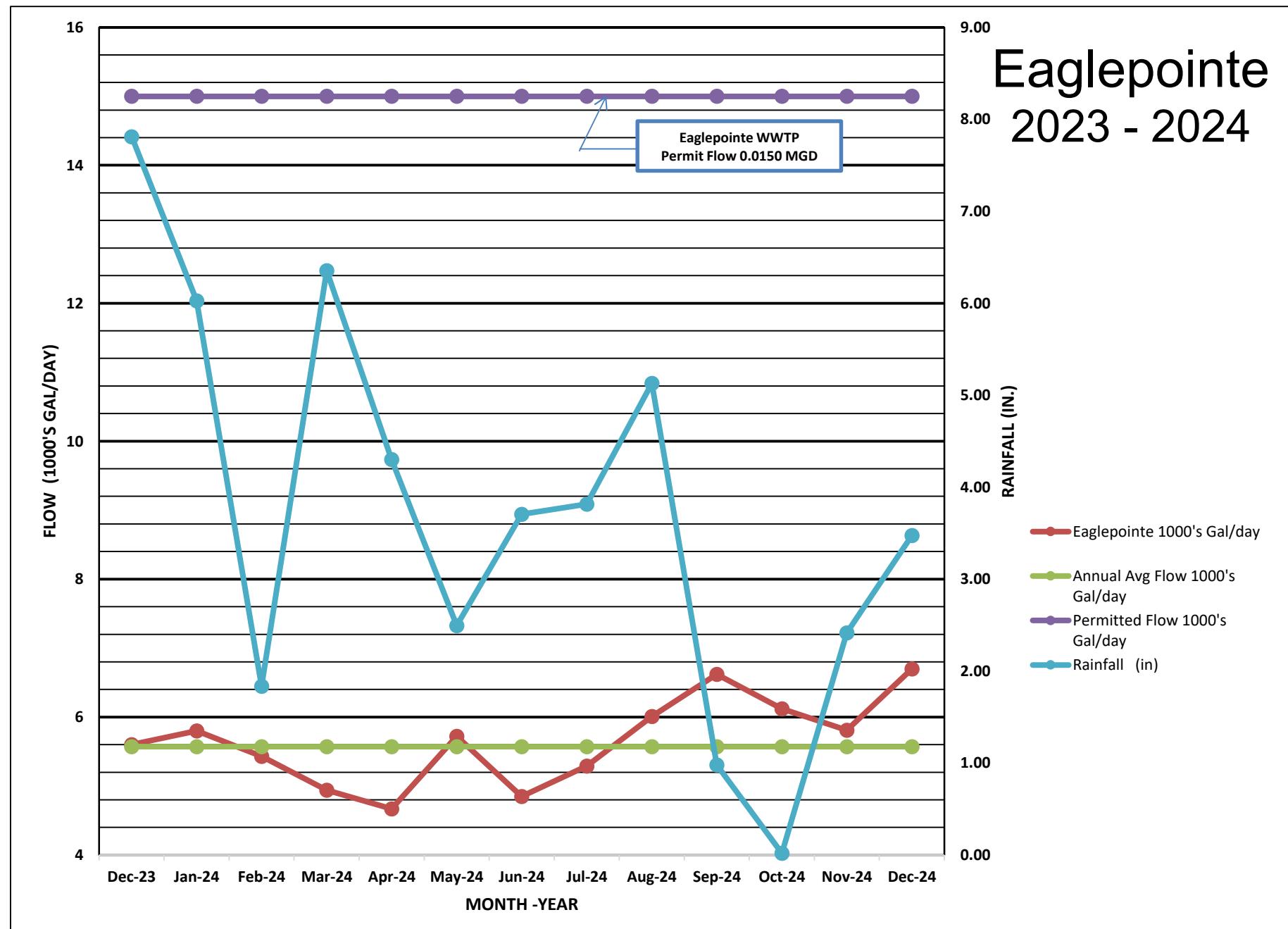
- Conditional Use Plan Review March 2024.
- Land Development Review 11/6/24.

Township Wastewater Treatment Plant's Monthly Average Flow Charts – Please see the attached.

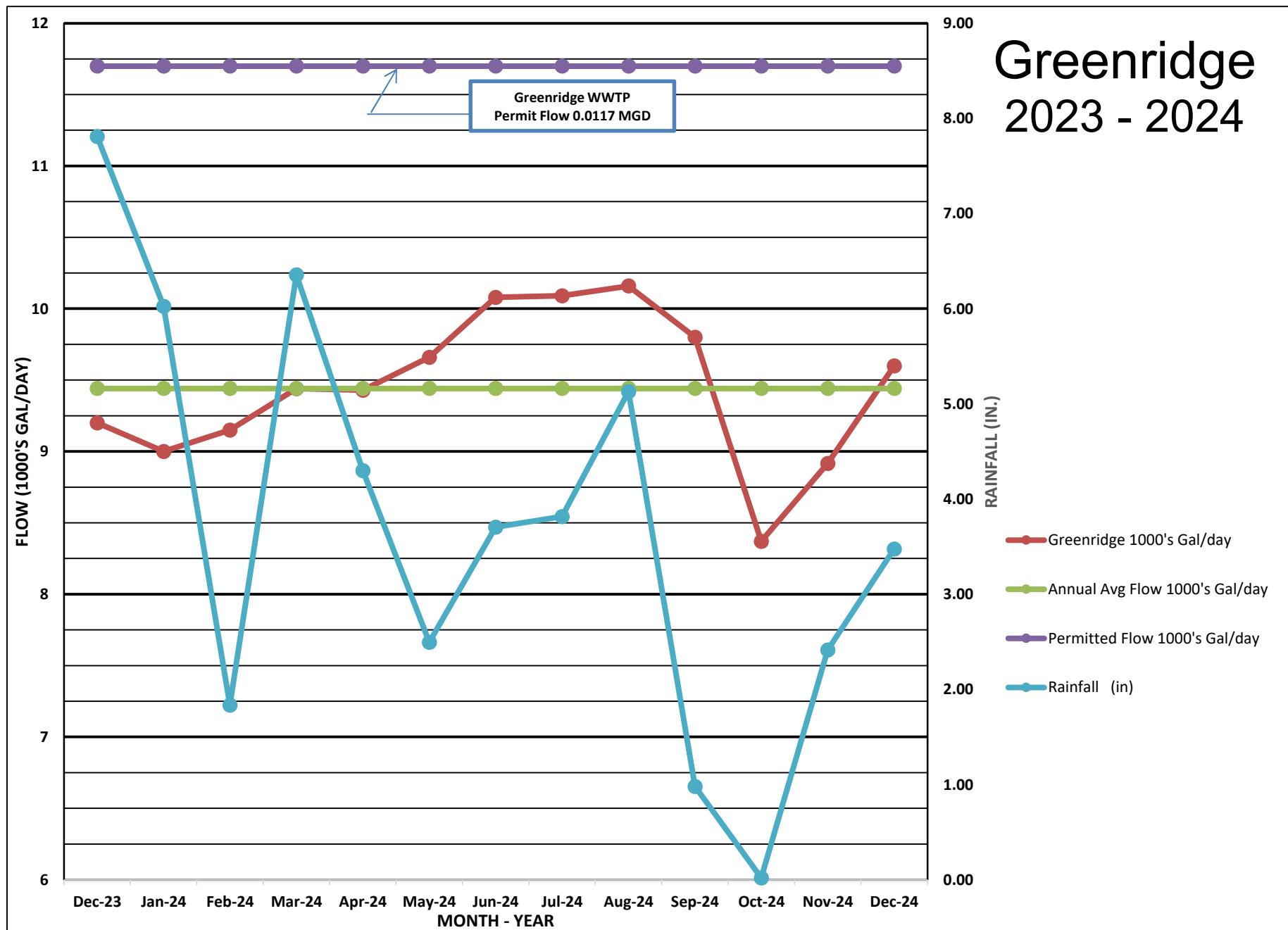
UPPER UWCHLAN MUNICIPAL AUTHORITY
WASTEWATER TREATMENT PLANTS
MONTHLY AVERAGE DAILY FLOWS

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
Dec-23		0.00560	0.00920	0.03070	0.03200	0.41700	0.00880	0.00270	7.81
Jan-24		0.00580	0.00900	0.03150	0.03960	0.42900	0.00883	0.00290	6.03
Feb-24		0.00543	0.00915	0.02739	0.03626	0.43630	0.00855	0.00265	1.84
Mar-24		0.00494	0.00944	0.03086	0.03812	0.41610	0.00887	0.00271	6.36
Apr-24		0.00467	0.00943	0.03140	0.04097	0.43000	0.00876	0.00255	4.30
May-24		0.00572	0.00966	0.02730	0.03556	0.42210	0.00820	0.00185	2.50
Jun-24		0.00485	0.01008	0.02454	0.03534	0.41780	0.00863	0.00110	3.71
Jul-24		0.00529	0.01009	0.02249	0.03389	0.41700	0.00858	0.00102	3.82
Aug-24		0.00601	0.01016	0.02521	0.03421	0.43000	0.00862	0.00126	5.13
Sep-24		0.00662	0.00980	0.02352	0.03313	0.42640	0.00861	0.00128	0.98
Oct-24		0.00612	0.00837	0.02345	0.03205	0.42800	0.00873	0.00153	0.02
Nov-24		0.00581	0.00892	0.02490	0.02558	0.42790	0.00869	0.00170	2.42
Dec-24		0.00670	0.00960	0.02800	0.03620	0.42740	0.00870	0.00210	3.48
Annual Avg Flow =		0.00557	0.00944	0.02694	0.03473	0.42480	0.00866	0.00194	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

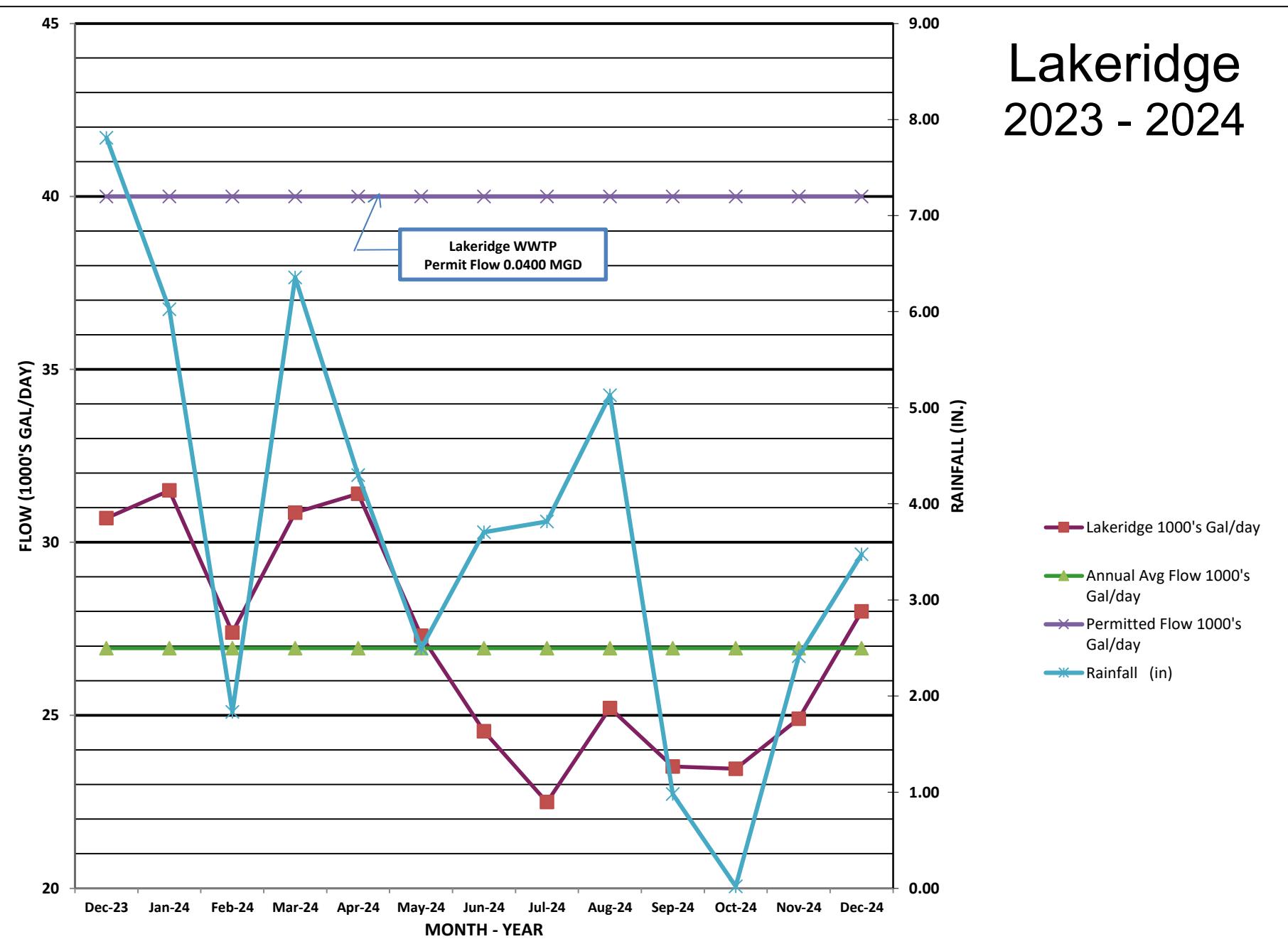
Eaglepointe 2023 - 2024



Greenridge 2023 - 2024

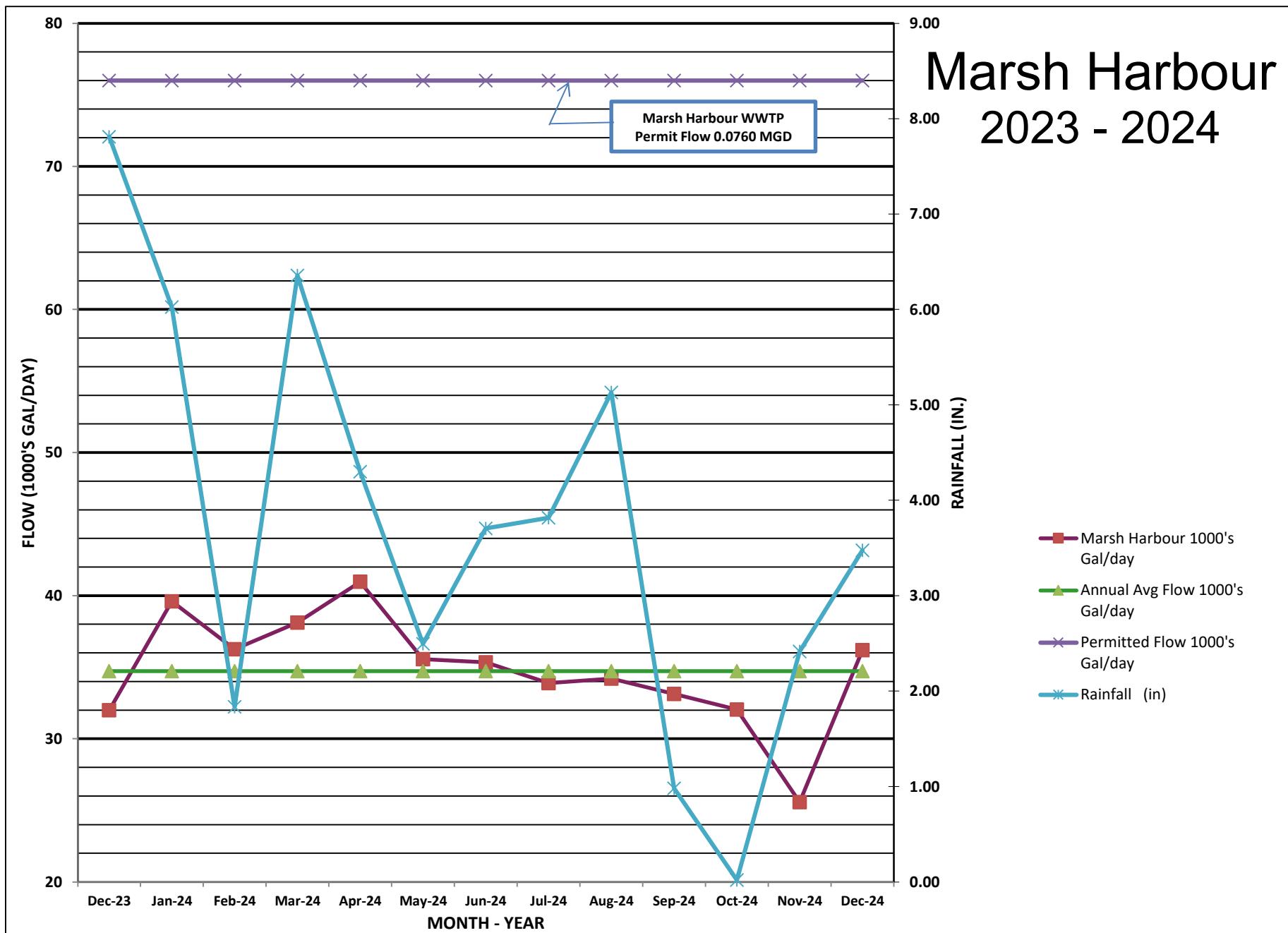


Lakeridge 2023 - 2024

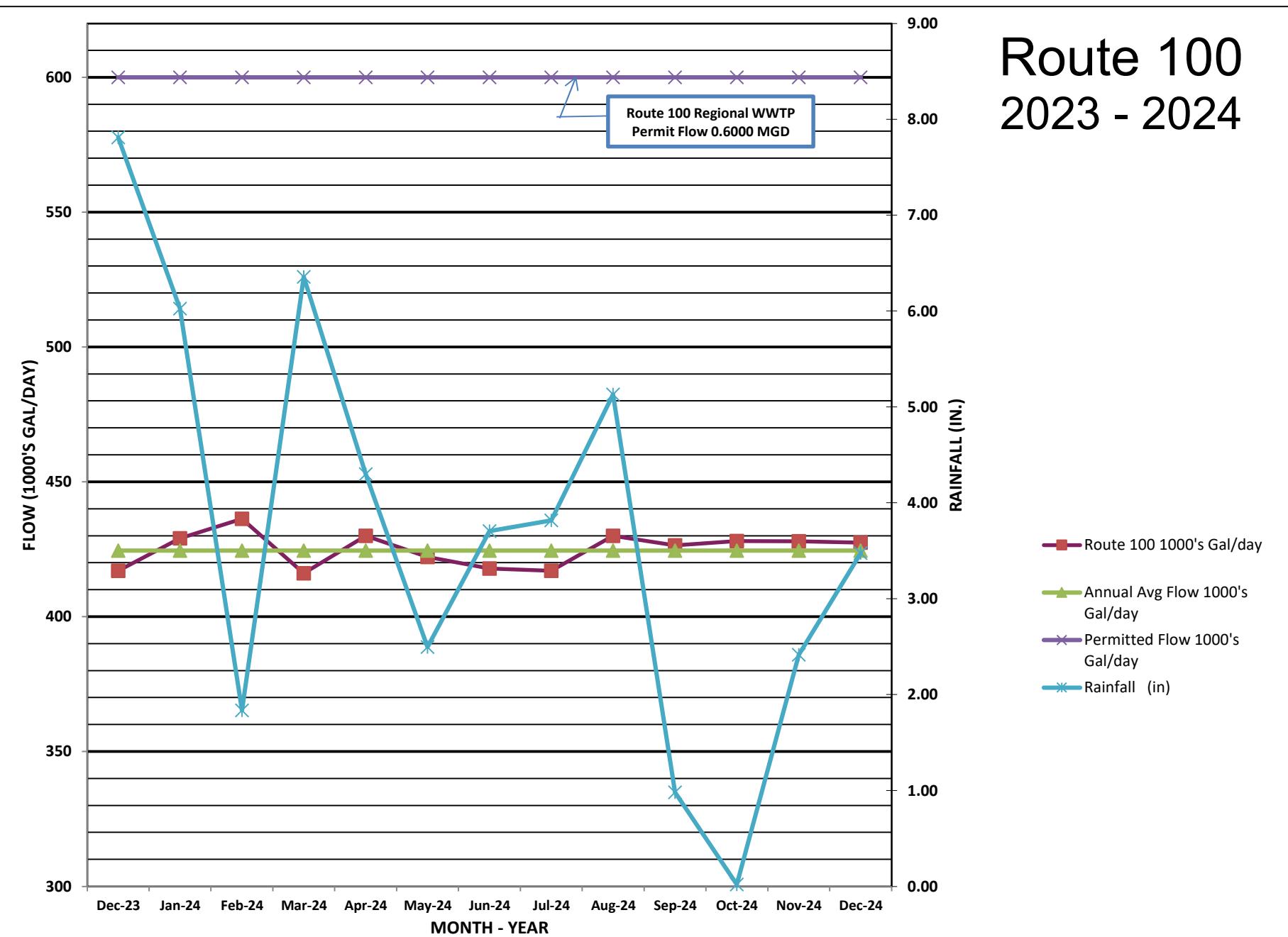


Marsh Harbour

2023 - 2024

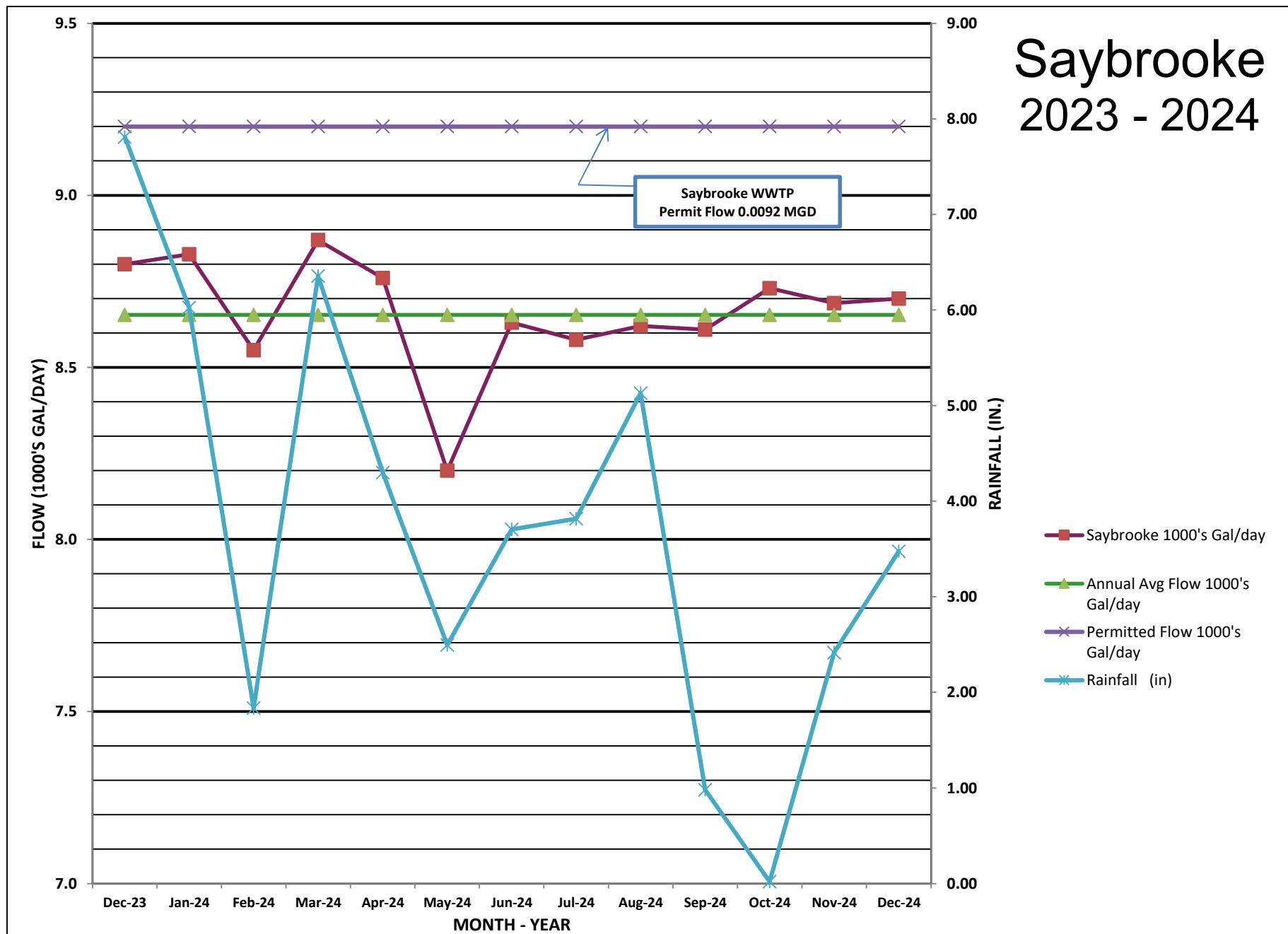


Route 100 2023 - 2024



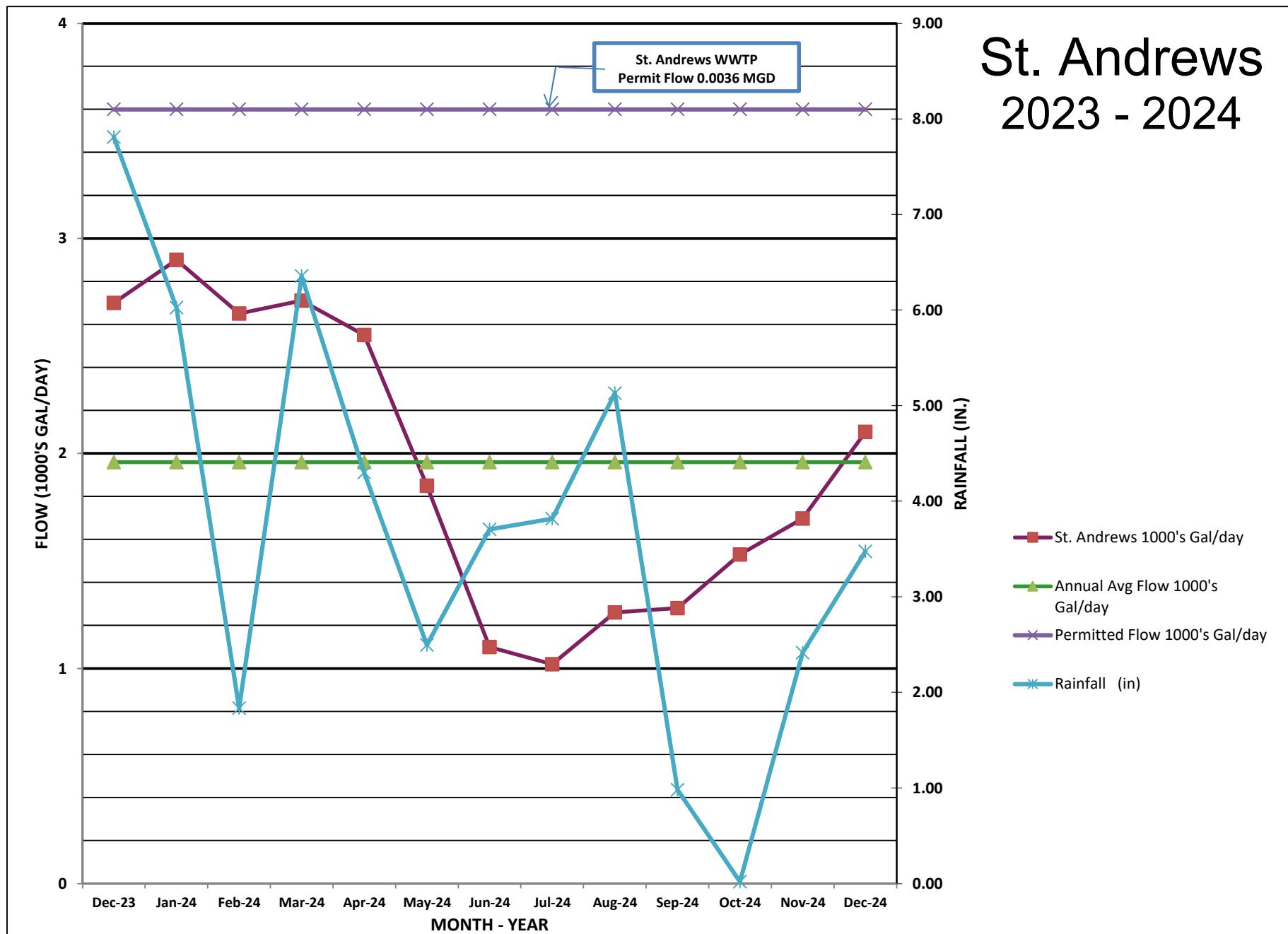
Saybrooke

2023 - 2024



St. Andrews

2023 - 2024





To: Municipal Authority Members
From: G. Matthew Brown, P.E., DEE
Re: Authority Administrator's Report
Date: January 23, 2025

Activities for the month of December 2024 included:

- A. Communication with WWTF Operator, ARRO, Solicitor and Township Staff regarding administrative, operational and maintenance issues. (40.0 hours)
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files. (4.0 hours)
- C. Communication and review with ARRO, the Township, homeowners and contractor regarding the Milford Farms sewer extension project. (10.0 hours)
- D. Communication with ARRO and homeowners regarding the Eaglepointe and Meadow Creek sewer extension projects. (2.0 hours)
- E. Communication with ARRO, McKee and the Authority Solicitor regarding Phase III close out for the Route 100 WWTF (2.0 hours)
- F. Communication with Township, property owner representative, the Township and Authority Solicitors and ARRO regarding Senn property for possible purchase for land disposal. (2.0 hours)
- G. Communication with Township and ARRO and update of the draft 2025 Operating and Capital Budgets (4.0 hours)

Please advise if you have any questions or comments.



DECEMBER/JANUARY 2025 REPORT UUT MUNICIPAL AUTHORITY PUBLIC WORKS DEPARTMENT

The following projects are underway:

Ongoing:

- Locks were spot checked at all pump stations. All have been secure.
- Spot checks continue and all visitors are still using the sign-in sheets at all properties.
- Spray fields were inspected.
- Generators were checked and fueled if necessary.
- Plowing and salting the driveways during snow events.
- While performing monthly checks, we did not notice any serious issues with plants.

Public Works continues to work on the properties as follows:

- Route 100 Wastewater Treatment Plant (275 Fellowship Rd)
 - Site checked
 - Cleaned facility
 - Removed trash
 - Mouse traps set and replaced
 - New heat thermostat installed
- Byers Station Effluent Pump Station (PS) (1120 Sunderland)
 - Cleaned facility
 - Swept floors
 - Fence around entire lagoon should be replaced
 - New door and door jam needs replaced
- Byers Station Influent PS (308 Flagstone)
 - Cleaned facility
 - Site checked
- Ewing PS (2679 Primrose Court)
 - Cleaned facility
 - Floors swept
 - Mouse traps replaced

- **Ewing West Vincent PS (304 Fellowship)**
 - Cleaned facility
 - Site checked
- **Eagle Hunt (422 Hemlock)**
 - Site checked
 - Cleaned facility
- **Windsor Ridge (10 Prospect Hill Blvd)**
 - Cleaned facility
 - Site checked
- **Saybrooke WWTP (29 Yarmouth Lane)**
 - Site checked
- **Seabury Pump Station (527 Saybrooke Lane)**
 - Site checked
 - Cleaned facility
- **Yarmouth PS1(51 A Yarmouth Lane)**
 - Site checked
- **Yarmouth PS2 (13 Yarmouth Lane)**
 - Site checked
- **St Andrews Brae (8 Kiloran Wynd)**
 - Site checked
 - Cleaned facility
- **St Andrews Brae PS (at St Andrews intersection)**
 - Site checked
- **Reserve Lagoon (314 A Prescott Dr)**
 - Site checked
 - Cleaned facility
 - 2 new heaters installed
- **Reserve at Eagle PS1 (199 Prescott)**
 - Site checked
 - Cleaned facility
- **Reserve at Eagle PS 2 (439 Prescott)**
 - Site checked
 - Cleaned facility

- **Upland Farms PS (100 Darrell)**
 - Site checked
 - Cleaned facility
- **Greenridge (711 Dorian Court)**
 - Cleaned facility
 - Site checked
- **Stonehedge (103 Indian Springs West)**
 - Site checked
 - Cleaned facility
- **Marsh Harbour WWTP (2500 Mallard Lane)**
 - Site checked
 - Cleaned facility
 - Trash removed
- **Marsh Harbour PS (509A Larkins Bridge)**
 - Site checked
- **Meadowcreek (2 Meadow Creek Lane)**
 - Site checked
- **Eaglepointe (1960 Ticonderoga Blvd)**
 - Cleaned facility
 - Site checked
 - Trash picked up
- **Heron Hill PS (34A Heron Hill)**
 - Site checked
- **Lakeridge WWTP (540 Walter Court)**
 - Cleaned facility
 - Site checked
 - Painting and upgrades have continued
 - Fence came down and needs secured to the posts
- **Lakeridge Pump Station (201 Moore Road)**
 - Site checked
- **Eagle Farms Rd PS (West Vincent Township)**
 - Cleaned facility
 - Site checked
 - Repaired a section of the fence

- **Little Conestoga Rd (381 Little Conestoga Rd)**
 - **Cleaned facility**
 - **Site checked**
- **Eagle Manor PS (111 Dorothy Lane)**
 - **Site checked**
- **Garrison PS #1 (spray field pump station #1)**
 - **Site checked**
- **Garrison PS #2 (spray field pump station #2)**
 - **Site checked**
- **UUT responded to 42 PA 1-Call tickets during the month.**
- **Mouse traps have been set and replaced as needed**
- **Heaters are on**
- **Route 100 main gate continues to have issues.**

Respectfully submitted,

Mike Esterlis
Public Works Director



**UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY
CHESTER COUNTY
COMMONWEALTH OF PENNSYLVANIA**

2025 Budget

**Budget Presented – December 17, 2024
Budget Approved – TBD**

Table of Contents

	<u>Page</u>
1. Executive Summary	
About the Upper Uwchlan Township Municipal Authority	1
Executive Summary	2
Accomplishments & Goals	3
Wastewater Treatment Facilities – At A Glance	5
Basis of Accounting and Budgeting	6
2. Facilities	
Wastewater Treatment Facilities – Detailed Description	
• Eaglepointe	7
• Greenridge	7
• Lakeridge	8
• Marsh Harbour	9
• Meadow Creek	10
• Route 100 Regional	11
• Saybrooke	13
• St. Andrews Brae	13
3. Operating Budget	15
4. Capital Budget Equipment Replacement	17
Recommendations	
5. Glossary	20

About the Upper Uwchlan Township Municipal Authority

Organization

The Upper Uwchlan Township Municipal Authority (Authority) was incorporated by the Upper Uwchlan Township, Chester County, Pennsylvania in 1990 for the purpose of operating the sewage collection, treatment plants and other facilities used in the processing and disposal of sewage from Township residents and businesses. All of the capital assets are owned by Upper Uwchlan Township and are operated and maintained by the Authority under a long-term arrangement.

Board of Directors

The Authority is governed by a five (5) member Board of Directors. Board members are appointed by the Upper Uwchlan Township Board of Supervisors to serve for five (5) year terms. Each year, the Board votes to select a new Chairman and Vice-Chairman. The current Board members and their terms of office are:

<u>Member</u>	<u>Position</u>	<u>Term Expires</u>
Joe Samarco	2024 Chairman	12/31/2028
Robert Watts	2024 Vice-Chairman	12/31/2027
Robert Maas	Member	12/31/2028
W. Jack Shipe	Member	12/31/2026
Louis Schack	Member	12/31/2025
Christopher E. Frantz, Esq.	Appointed Authority Solicitor	

Management and Operations

The Authority has appointed G. Matthew Brown, P.E., D.E.E. as the Authority Administrator, and has hired ARRO Consulting, Inc. as the Authority's Engineer. Clean Water, Inc. was appointed by the Authority as the Authority Operator.

The Authority has an administration agreement with Upper Uwchlan Township under which the Township employees perform many functions for the Authority and the Authority reimburses the Township for the cost of the services provided. These include oversight, providing financial services (paying Authority bills, preparing monthly reports for Authority meetings, etc.), treasury functions, collection of sewer receipts, providing services to residents, maintenance of facilities (grass cutting, etc.) and any other services needed.

The Authority has no employees.

Executive Summary

Upper Uwchlan Township (Township) has eight (8) public wastewater systems located throughout the Township to collect and treat sewage generated by homes and businesses residing within each system service area. The Township also has a large number of homes and businesses that have private on-lot disposal systems consisting of septic tanks and drain fields, some of which are failing. This is especially critical as the Township lies within two (2) high quality watersheds: Marsh Creek (which lies within the East Branch of Brandywine Creek watershed) and Pickering Creek, both ultimately drain to the Chesapeake Bay. Due to the initiatives outlined by the United States Environmental Protection Agency (US EPA) to protect the Delaware and Chesapeake Bays from nutrient overload, these high-quality watersheds must be protected, specifically from higher levels of nitrogen and phosphorous compounds commonly found in wastewater. Failing or malfunctioning on-lot disposal systems have an adverse impact on the watersheds.

A review of the soils within the Township boundary using the Natural Resources Conservation Service Web Soil Survey indicates that over half of the soils in the Township have very limited suitability for septic tank absorption fields. The soil properties considered are those that affect absorption of the effluent, construction and maintenance of the system and public health. Very limited suitability indicates that the soil has one or more features that are unfavorable for septic tank absorption fields. Knowing this, the Township strives to connect residences and businesses to one (1) of the eight (8) public wastewater systems whenever possible.

Another complication that results from the high-quality watersheds that surround the Township is the method used to dispose of treated effluent. Of the eight (8) wastewater treatment plants (WWTP) in the Township, only two (2) are permitted by the Pennsylvania Department of Environmental Protection (PA DEP) to discharge treated wastewater directly to a stream (which is the conventional method of wastewater disposal in PA). The remaining six (6) WWTPs utilize land application of treated effluent for disposal. Land application must be used because obtaining a direct discharge permit is becoming increasingly difficult as the PA DEP continues to make the treatment requirements more and more stringent to comply with the USA EPA Chesapeake Bay program requirements. This becomes even more complicated when the stream that is being discharged to is high quality. The level of treatment that would be required to meet these standards is so high that it would not be cost effective to the Township or its residents to construct and operate the wastewater systems this way. Therefore, land application is used in lieu of direct discharge of disposal of treated wastewater.

The capital assets of the wastewater system are owned by the Township but are operated and maintained by the Township Municipal Authority (Authority). Detailed information about each of the eight wastewater facilities, including accomplishments from the past year and future goals, is provided below.

2024 Accomplishments and Our Goals for 2025

What was accomplished in 2024

In 2024, the Authority's quarterly sewer rates were not increased and remained at **\$190** per quarter.

UUTMA was the recipient of two (2) grants from the ARPA H2O PA Fund, including:

1. Milford Farms Sewer Extension - \$1,034,688
2. Eaglepointe WWTP Conversion - \$ 259,089

The Township's Act 537 Plan update was resubmitted to the Pennsylvania Department of Environmental Protection for review in June, 2024. This Plan addresses the requirements necessary to meet future public sanitary sewer service needs of the Township for those areas of the Township that are not currently served by the Route 100 Regional Wastewater Treatment Plant, nor the existing satellite wastewater treatment plants.

Route 100 Wastewater Treatment System

- Construction of Phase 3 Upgrade completed.
- Fetter's Drip Field completed.

Marsh Harbor Wastewater System

- Prepared and submitted the Water Quality Management Part II Permit renewal application for the facility.

Milford Farms Sewer Extension

- Initiated construction November, 2024.

What is planned for 2025

In 2019, the Authority secured funding in the amount of \$5.105 million for projects that are scheduled to take place, including:

- Eaglepointe WWTP Conversion
 - The upgrade to the Route 100 Regional Plant provides the opportunity to decommission the Eaglepointe WWTP and convert it to a pumping facility. With the conversion, the plant will no longer discharge to the adjacent stream, but instead will have the flow conveyed to the Regional Plant.
- Meadow Creek Extension
 - Meadow Creek also has aging septic systems that are approaching the end of their useful life. With the upgrades to the Route 100 WWTP, the smaller WWTP at Meadow Creek can be decommissioned.

Wastewater Treatment Facilities – At a Glance

Facility Name	Location	Daily Capacity (gallons)	Disposal Methods	Date Placed in Service	Number of businesses or residences served
Eaglepointe	South of Ticonderoga Blvd, adjacent to the PA Turnpike	15,000	Effluent is directly discharged to a tributary of Marsh Creek	2003	30 businesses located west of Route 100 and Little Conestoga Road
Greenridge	Southwest of the intersection of Greenridge Rd and Dan Dr	15,125	Effluent is discharged to one (1) disposal field for drip irrigation	2005	61 homes in Greenridge & Stonehedge developments
Lakeridge	North of Dorlan Mill Rd and to the east of Moore Rd	40,000	Effluent is discharged to a series of five (5) sand mounds and one (1) subsurface absorption bed	1983	148 homes in Lakeridge, Hunter's Ridge and Ivystone developments
Marsh Harbour	Between Mallard Ln and Carpenter's Cove Ln	82,000	Effluent is discharged to two (2) disposal fields for spray irrigation	1990	All homes in Marsh Harbour and Heron Hill developments
Meadow Creek	Southeast corner of Styer Rd and Meadow Creek Ln	1,300	Effluent is discharged to one (1) subsurface absorption bed	1990	Five (5) homes in Meadow Creek development
Route 100 Regional *	East of Route 100 along the north side of Fellowship Rd	800,000	Effluent is discharged to 19 disposal fields for spray and drip irrigation	2004	All homes in Byers Station, Reserve at Eagle, Reserve at Waynebrook, Windsor Ridge, Eagle Manor, Heather Hill, Ewing Tract, Townes of Chester Springs, Reserve at Chester Springs, Chester Springs Crossing, Villages of Chester Springs, Eagle Hunt, and Windsor Place, Enclave at Chester Springs, Preserve at Marsh Creek
Saybrooke	Southwest side of Yarmouth Ln	9,200	Effluent is discharged to a series of four (4) subsurface absorption beds	1999	41 homes in Saybrooke development
St. Andrews Brae	North side of Kiloran and Bryan Wynds southern intersection	3,600	Effluent is directly discharged to a tributary of Marsh Creek	2003	13 homes in St. Andrews Brae development

*The Route 100 Regional WWTP will have an ultimate treatment capacity of 800,000 gallons. Phase I of the WWTP (placed in service in 2004) had a capacity of 200,000 gallons, Phase II of the WWTP (placed in service in 2015) has a capacity of 600,000. Phase III of the WWTP is anticipated to be placed into service in 2024.

BASIS OF ACCOUNTING AND BUDGETING

Accounting Basis

The Authority uses the accrual basis of accounting. Under this basis, revenues are recorded when earned and expenses are recorded when incurred, even though actual payment or receipt may not occur until after the period ends.

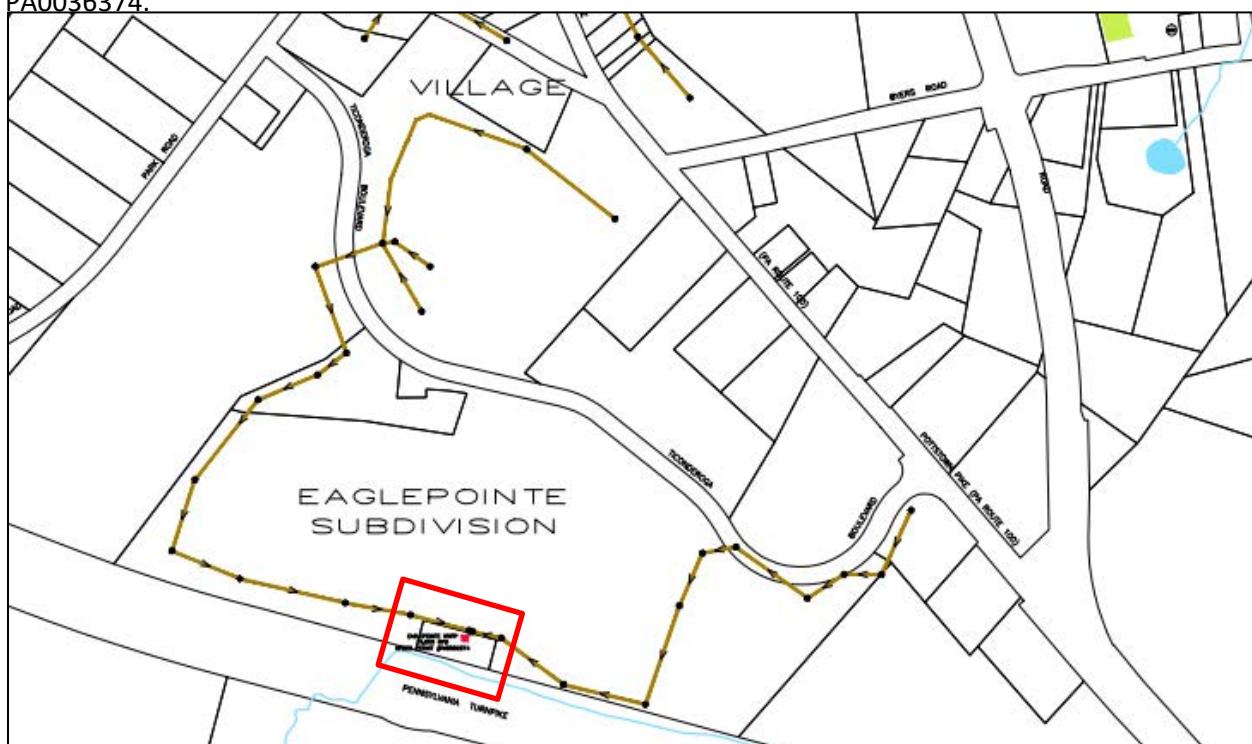
Basis of Budgeting

The Authority's budget has been prepared using the modified accrual method of accounting. Modified accrual accounting recognizes revenues when they become measurable and available. **Measurable** means that the dollar amount of the transaction is known. **Available** means that it is collectible within the current period or soon enough after the end of the current period to pay liabilities of the current period. For this purpose, the Township considers revenues to be available if they are collected within 30 days of the reporting period. Expenditures are generally recorded when a liability is incurred.

Wastewater Treatment Facilities – Detailed Description

Eaglepointe Wastewater System

The Eaglepointe Wastewater System consists of the Eaglepointe WWTP, rated for 15,000 gallons per day (gpd), which collects sewage from commercial properties along Ticonderoga Boulevard. The treatment process consists of an equalization tank, an aeration tank, a clarifier, sand filters and a chemical contact tank. Following treatment, effluent is discharged directly into a tributary of Marsh Creek under the PA DEP National Pollutant Discharge Elimination System (NPDES), Permit No. PA0036374.



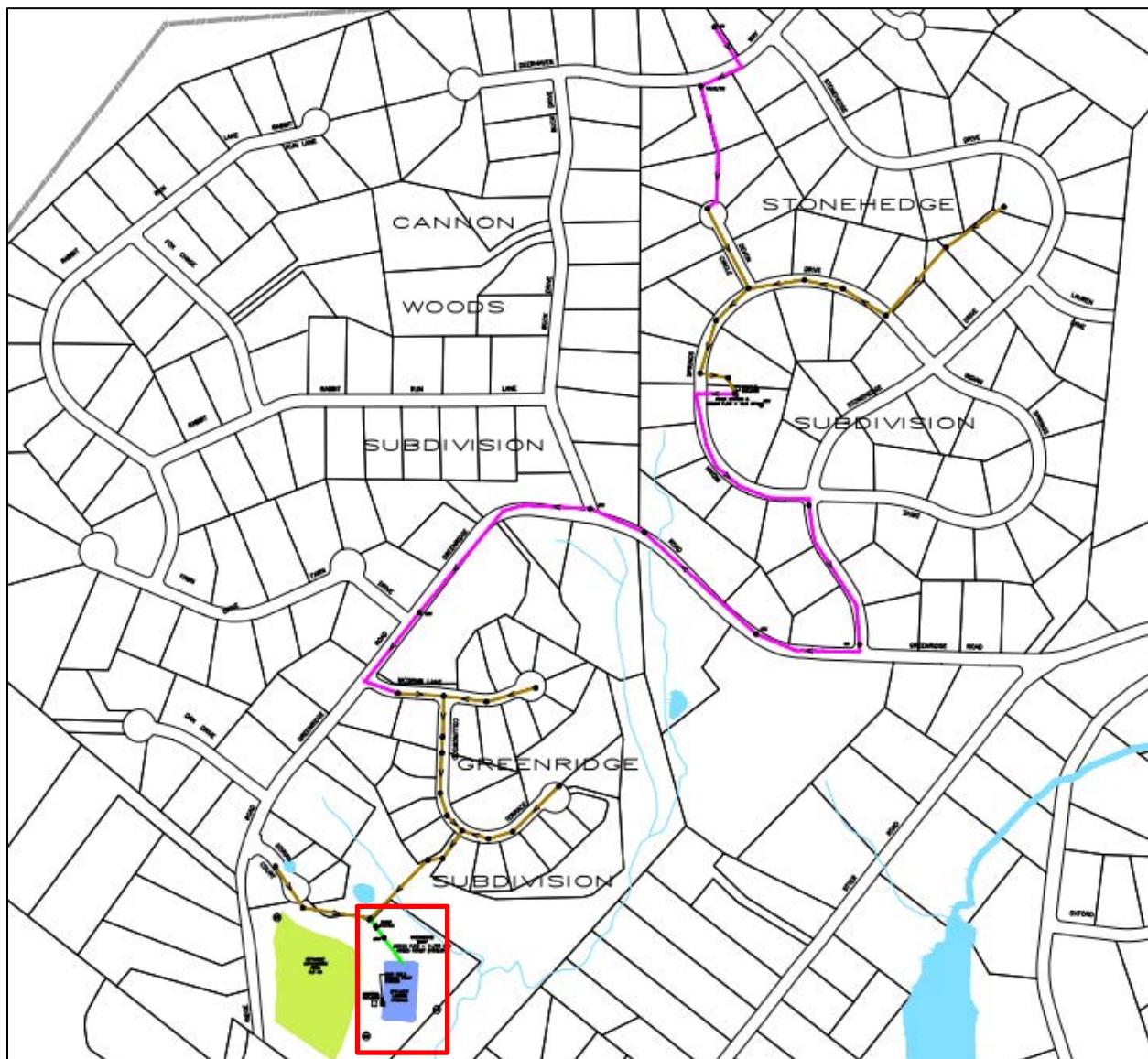
Eaglepointe Wastewater System Map

NOTE: For additional detail see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Greenridge Wastewater System

The Greenridge Wastewater System consists of the Stonehedge conveyance pump station and the Greenridge WWTP, rated for 15,125 gpd, which collect sewage from residential customers within the Greenridge and Stonehedge developments. The Stonehedge conveyance pump station collects sewage from a small portion of the Stonehedge development and conveys it to the Greenridge WWTP while sewage from the Greenridge development flows via gravity to the WWTP. The wastewater from both developments is received by an influent pump station on the WWTP property, which conveys the sewage to a dual-sectioned treatment lagoon. Following treatment, the wastewater flows through sand filters prior to disposal via drip irrigation within the field located behind the WWTP. This is done under PA DEP Water Quality Management (WQM) Permit No. 1502403.



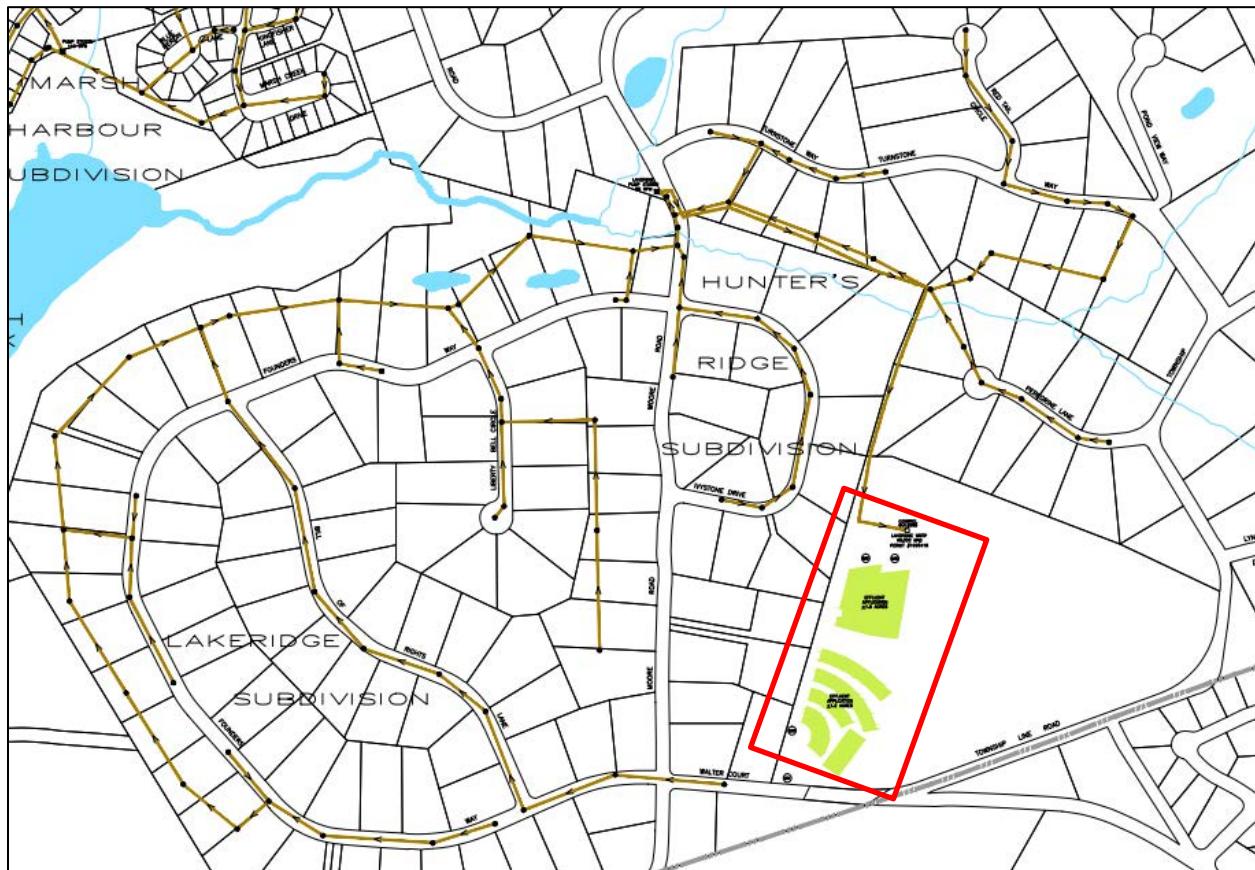
Greenridge Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Lakeridge Wastewater System

The Lakeridge Wastewater System consists of the Lakeridge conveyance pump station and the Lakeridge WWTP, rated for 42,000 gpd, which collects sewage from residential customers in the Lakeridge, Hunter's Ridge, and Ivystone developments. The Lakeridge conveyance pump station collects sewage from the developments and conveys it to the WWTP. The treatment process consists of a sequencing batch reactor (SBR), holding tank, and sand filter prior to disposal through one (1) of five (5) sand mounds, then to a subsurface absorption bed for final disposal. This is done under PA DEP WQM Permit No. 1590416.



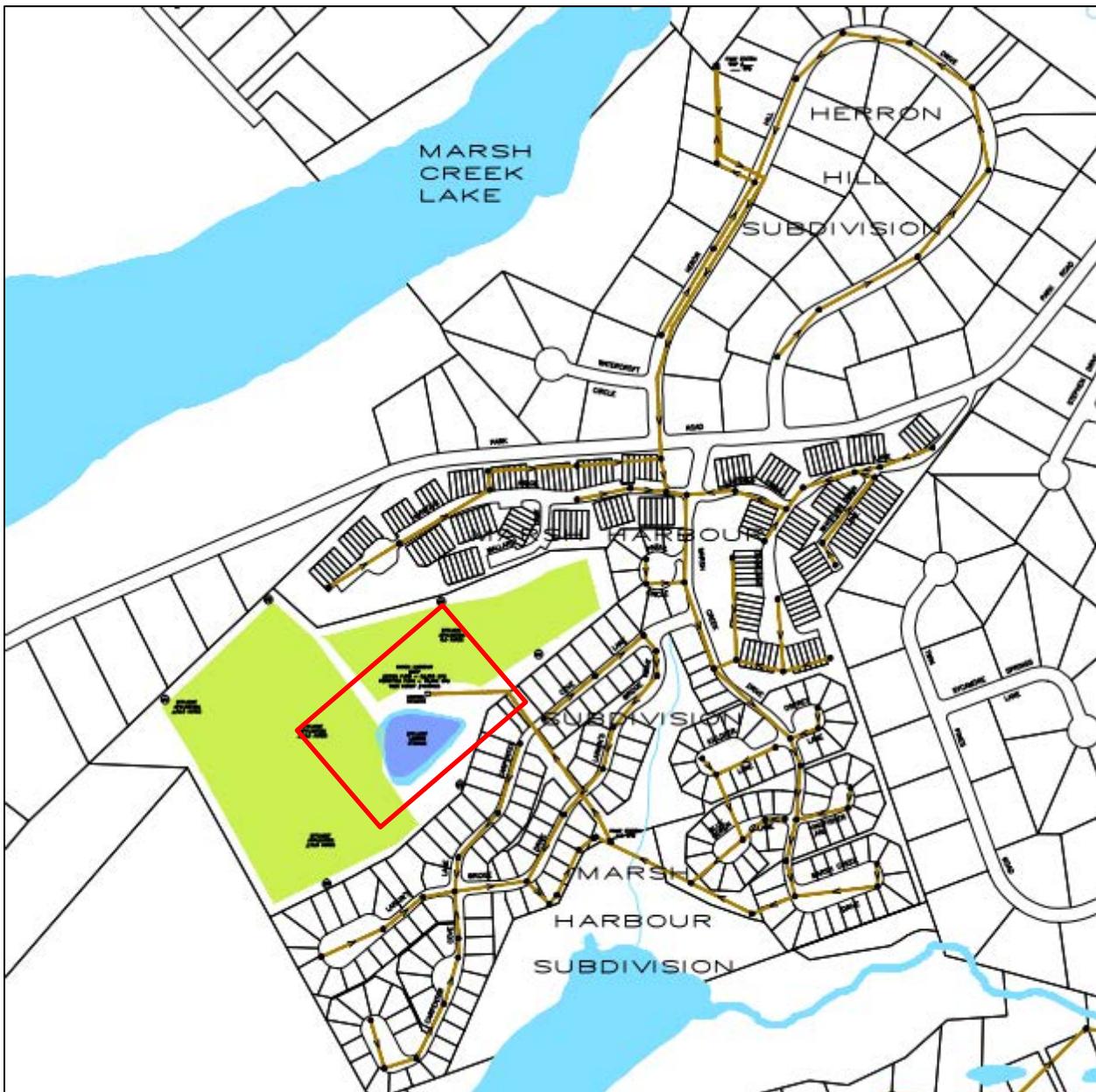
Lakeridge Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Marsh Harbour Wastewater System

The Marsh Harbour Wastewater System consists of the Herron Hill conveyance pump station, the Marsh Harbour conveyance pump station and the Marsh Harbour WWTP, rated for 82,000 gpd which collects sewage from residential customers within the Marsh Harbour and Herron Hill developments. The Herron Hill pump station collects sewage from homes within the Herron Hill development and pumps it to the Marsh Harbour development collection system. Wastewater from both the Herron Hill and Marsh Harbour developments is collected by the Marsh Harbour pump station and conveyed to the Marsh Harbour WWTP. The treatment process consists of a bar screen, SBR and a storage lagoon prior to discharge via spray irrigation on one (1) of two (2) fields located behind the WWTP. This is done under PA DEP WQM Permit No. 1598425.



Marsh Harbour Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Meadow Creek Wastewater System

The Meadow Creek Wastewater System consists of the Meadow Creek WWTP, rated for 1,300 gpd, collects sewage from five (5) residential customers in the Meadow Creek development. The treatment process consists of an equalization tank prior to discharge through a seepage field located at the corner of Meadow Creek Lane and Styer Road. As the Meadow Creek WWTP is only a seepage field, it is not permitted through PA DEP.



Meadow Creek Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Route 100 Regional Wastewater System

The Route 100 Regional Wastewater System consists of eight (8) conveyance pump stations, the Route 100 Regional WWTP rated for 600,000 gpd and seven (7) effluent disposal systems. This wastewater system was designed to be upgraded in phases, which are further discussed below. The Byers Station, Eagle Manor, Ewing, Ewing West Vincent, Little Conestoga, Reserve at Eagle 1, Reserve at Eagle 2, and Windsor Ridge conveyance pump stations collect wastewater from residential customers throughout numerous developments and convey it to the WWTP for treatment (discussed in additional detail below). Following treatment, the effluent is distributed to the Reserve at Eagle, Eagle Hunt, Reserve at Waynebrooke, Windsor Ridge, Byers Station, Upland Farms or Ewing Tract effluent disposal system for storage, filtration, and disposal via spray or drip irrigation. This is completed under PA DEP WQMP Permit No. 1086294.

Route 100 Regional WWTP Phase I:

Phase I had a capacity of 200,000 gpd and commenced operation in 2004. This phase provided wastewater service to residential customers in the Byers Station (including the Ewing Tract), Eagle Hunt, Reserve at Eagle, Reserve at Waynebrook and Windsor Ridge developments. Phase I treatment was completed via a secondary treatment aerated lagoon.

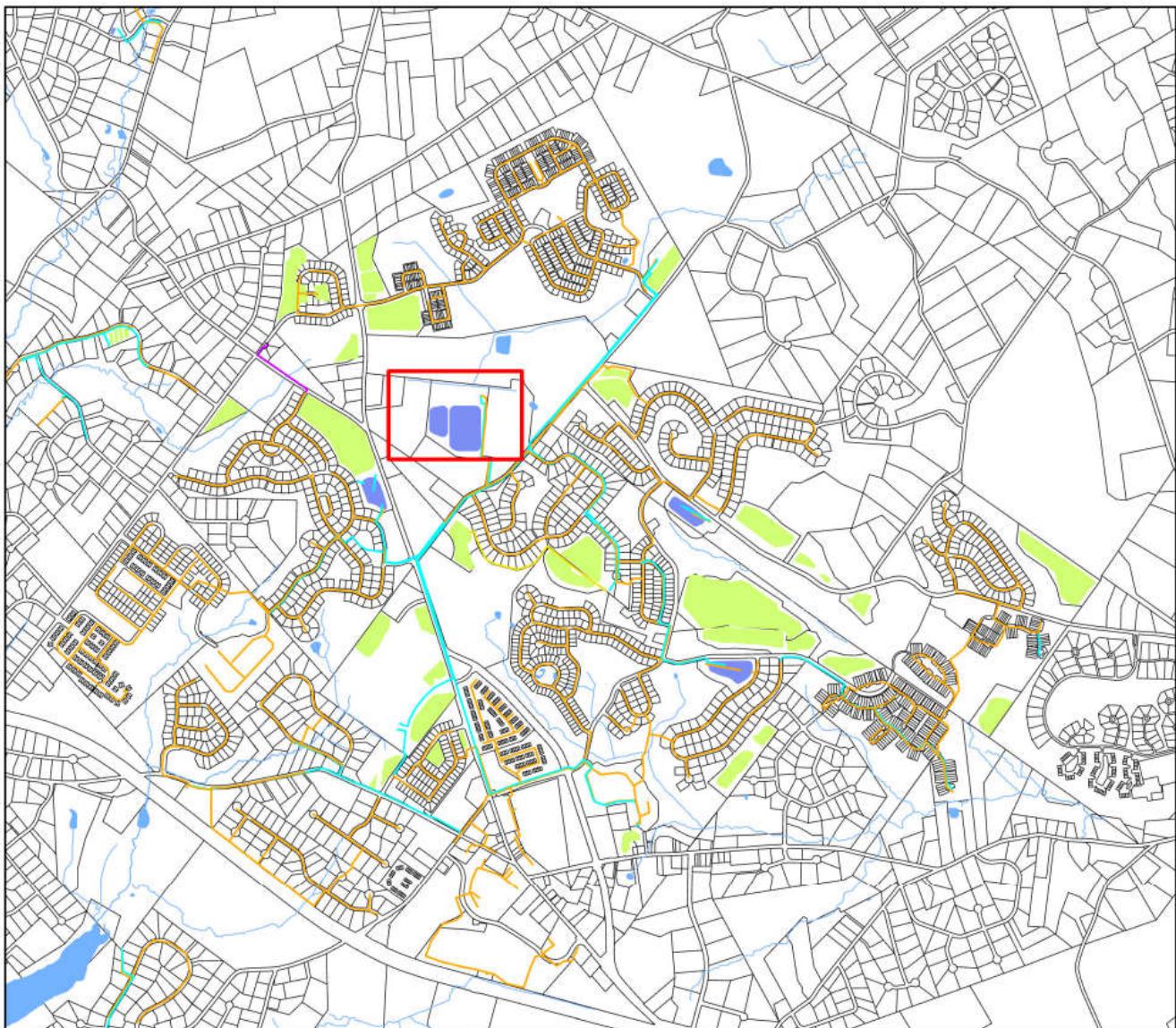
Route 100 Regional WWTP Phase II:

Phase II added an additional 400,000 gpd of capacity for a total of 600,000 gpd and commenced operation in 2015. This phase has already provided public sewer to the Eagle Manor, Windsor Place,

and Heather Hill developments, and there are plans for additional connections in upcoming years. The Phase II expansion of the WWTP included the addition of two (2) SBRs to allow for a higher level of treatment, specifically nitrogen reduction. Generally, two-thirds of the incoming wastewater is treated by the SBRs and the remaining third is treated by the secondary treatment aerated lagoon constructed in Phase I.

Route 100 Regional WWTP Phase III:

Phase III is currently undergoing design and permitting due to a new development that has been approved in the Township, the McKee/Fetters Property. This property will exceed the Phase II capacity of the WWTP, so the developer is going to construct Phase III. This phase will add two (2) additional SBRs to the WWTP, allowing for 800,000 gpd of treatment capacity in the SBRs.



Route 100 Regional Wastewater System Map

NOTE: Green areas denote disposal fields, Red Box indicates WWTP
For additional detail, see Township Sewer Atlas in Township Office

Saybrooke Wastewater System

The Saybrooke Wastewater System consists of the Seabury, Saybrooke 1, and Saybrooke 2 conveyance pump stations and the Saybrooke WWTP, rated for 9,200 gpd, which collect sewage from residential customers within the Saybrooke development. The Seabury pump station collects sewage from five (5) homes along Seabury Lane and pumps it to the Saybrooke 2 pump station. The Saybrooke 2 pump station conveys sewage collected from residences on the western part of Yarmouth Lane and Seabury to the WWTP, while the Saybrooke 1 pump station collects and conveys sewage collected from residences on the eastern part of Yarmouth Lane. The treatment process consists of an SBR followed by sand filtration and an ultraviolet disinfection system. Following treatment, treated effluent is discharged to one (1) of four (4) subsurface absorption beds located adjacent to the WTWP property under PA DEP WQM Permit No. 1593413.



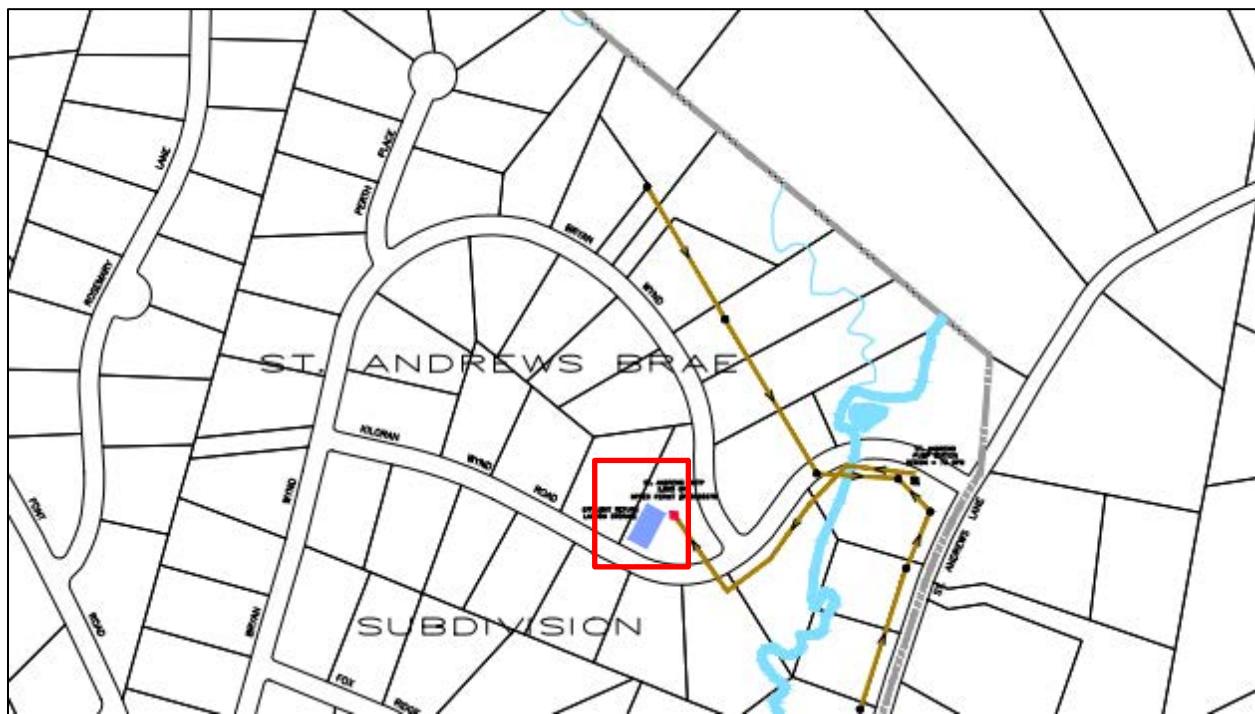
Saybrooke Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

St. Andrews Brae Wastewater System

The St. Andrews Brae Wastewater System consists of the St. Andrews Brae conveyance pump station and the St. Andrews Brae WWTP, rated for 3,600 gpd, which collect sewage from residential customers within the St. Andrews Brae development. The treatment process consists of an equalization tank, an aeration tank, a clarifier, disinfection, sand filtration, and dechlorination. Following treatment, treated effluent is discharged directly into Black Horse Creek under PA DEP NPDES Permit No. PA0058378.



St. Andrews Brae Wastewater System Map

NOTE: For additional detail, see Township Sewer Atlas in Township office

NOTE: Red rectangle indicates WWTP

Upper Uwchlan Municipal Authority
2025 BUDGET and FIVE YEAR PROJECTION

	2022 Actual (audited)	2023 Actual (audited)	YTD 2024 (thru 10/31)	2024 Budget	\$ Over Budget	% of Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget
Income											
300 Revenues											
06-340-000-000 Interest Income	3,868	71,597	91,656	70,000	21,656	31%	70,000	70,000	70,000	70,000	70,000
06-365-000-000 Usage Fees - Residential	2,488,596	2,490,889	2,240,947	2,700,000	(459,053)	-17%	2,750,000	3,000,000	3,100,000	3,200,000	3,300,000
06-365-000-001 Usage Fees - Commercial	89,816	94,382	70,806	100,000	(29,194)	-29%	100,000	100,000	100,000	120,000	120,000
06-365-000-010 Connection Fees	69,787	438	9,365	20,000	(10,635)	-53%	600,000	225,000	100,000	100,000	100,000
06-365-000-020 Connection Fees - Byers Road	782,472	32,550	-	-	#DIV/0!		-	-	-	-	-
Connection Fees - Milford Farms	-	-	-	-	#DIV/0!		275,000	-	-	-	-
06-354-000-020 Grant Revenue	2,324	463,996	1,000	(1,000)	-100%		1,000	1,000	1,000	1,000	1,000
06-370-000-000 Misc Revenue	-	-	-	-	0%		-	-	-	-	-
06-393-000-100 Proceeds from Long Term Debt	-	-	-	-	0%		-	-	-	-	-
06-395-000-000 Refund of Prior Year Expenditures	128	-	-	-	0%		-	-	-	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	-	-	0%		-	-	-	-	-
Total Income	3,436,991	3,153,852	2,412,774	2,891,000	(478,226)	#DIV/0!	3,796,000	3,396,000	3,371,000	3,491,000	3,591,000
Expense											
General											
06-400-000-001 Administration	324,639	284,013	264,889	290,000	(25,111)	-9%	272,195	280,361	288,772	297,435	306,358
06-400-000-002 Authority Administrator	58,193	-	-	-	#DIV/0!		-	-	-	-	-
06-400-000-004 Authority Administrator - MB	53,919	90,293	66,231	150,000	(83,769)	-56%	95,000	95,000	95,000	95,000	95,000
06-400-000-003 Professional Fees	-	-	-	5,000	(5,000)	-100%	5,000	5,150	5,305	5,464	5,628
06-400-000-200 Admin Supplies	1,901	-	179	1,000	(821)	-82%	1,000	1,030	1,061	1,093	1,126
06-400-000-341 Advertising	155	-	917	3,000	(2,083)	-69%	3,000	3,090	3,183	3,278	3,377
06-400-000-352 Insurance - Liability	4,891	5,979	6,077	6,077	-	0%	7,210	7,426	7,649	7,879	8,115
06-400-000-355 Bank Fees	143	2,192	1,791	2,000	(209)	-10%	250	258	265	273	281
06-402-000-450 Audit Fees	6,400	6,700	7,150	7,500	(350)	-5%	7,850	8,086	8,328	8,578	8,835
06-404-000-000 Legal Fees	19,074	28,607	22,983	25,000	(2,017)	-8%	35,000	36,050	37,132	38,245	39,393
06-406-000-100 Utility Billing Costs	4,571	8,095	2,900	10,000	(7,100)	-71%	10,000	10,300	10,609	10,927	11,255
06-406-000-200 Utility Billing Postage	5,357	5,506	7,394	5,000	2,394	48%	10,000	10,300	10,609	10,927	11,255
06-408-000-000 Engineering Fees	123,919	152,972	126,432	150,000	(23,568)	-16%	175,000	180,250	185,658	191,227	196,964
Total General Expenses	603,162	584,357	506,943	654,577	(147,634)	-23%	621,505	637,300	653,569	670,326	687,586
Building Expenses											
06-409-000-031 Lawn Care	-	-	-	5,000	(5,000)	-100%	5,000	5,150	5,305	5,464	5,628
06-409-000-032 Telephone	16,483	16,433	14,430	17,500	(3,070)	-18%	17,500	18,025	18,566	19,123	19,696
06-409-000-035 Insurance - Property	13,950	18,312	28,450	28,450	-	0%	29,062	29,934	30,832	31,757	32,710
06-409-000-036 Electric	243,824	189,679	174,235	200,000	(25,765)	-13%	200,000	206,000	212,180	218,545	225,102
06-409-000-037 Water	14,262	15,185	20,265	20,000	265	1%	25,000	25,750	26,523	27,318	28,138
06-409-000-052 Building Maintenance & Repair	872	1,982	3,252	5,000	(1,748)	-35%	5,000	5,150	5,305	5,464	5,628
06-409-000-260 Building Supplies and Small Tools	-	6,049	68	5,000	(4,932)	-99%	5,000	5,150	5,305	5,464	5,628
06-409-000-427 Waste Disposal	-	-	-	-	-		-	-	-	-	-
Total Building Expenses	289,391	247,640	240,700	280,950	(40,250)	-14%	286,562	295,159	304,014	313,134	322,528
Operations											
06-420-000-020 Supplies	3,689	13,335	1,958	20,000	(18,042)	-90%	20,000	20,600	21,218	21,855	22,510
06-420-000-022 Chemicals	8,577	7,008	5,508	10,000	(4,492)	-45%	10,000	10,300	10,609	10,927	11,255
06-420-000-023 Propane & Fuel Oil	1,712	933	1,620	10,000	(8,380)	-84%	10,000	10,300	10,609	10,927	11,255
06-420-000-025 Maintenance & Repair	150,227	180,874	220,919	150,000	70,919	47%	175,000	180,250	185,658	191,227	196,964
06-420-000-030 Testing	46,286	40,955	78,032	35,000	43,032	123%	35,000	36,050	37,132	38,245	39,393
06-420-000-031 Pump and Haul	114,359	112,053	143,912	100,000	43,912	44%	125,000	128,750	132,613	136,591	140,689
06-420-000-032 Vegetation Management	17,826	19,893	27,951	15,000	12,951	86%	20,000	20,600	21,218	21,855	22,510
06-420-000-035 Permits	30,897	10,840	7,939	15,000	(7,061)	-47%	15,000	15,450	15,914	16,391	16,883
06-420-000-042 Dues and Memberships	-	-	-	2,500	(2,500)	-100%	2,500	2,575	2,652	2,732	2,814
06-420-000-045 Contracted Services	205,035	206,767	110,565	175,000	(64,435)	-37%	175,000	180,250	185,658	191,227	196,964

	2022	2023	YTD 2024 (thru 10/31)	2024			2025 Budget	2026	2027	2028	2029
	Actual (audited)	Actual (audited)		Budget	\$ Over Budget	% of Budget		Budget	Budget	Budget	Budget
06-420-000-048 Misc Expenses	526	775	-	10,000	(10,000)	-100%	10,000	10,300	10,609	10,927	11,255
06-420-000-230 Gas & Oil	-	-	2,385	-	2,385	#DIV/0!					
06-420-000-235 Vehicle Maintenance	-	-	129	2,000	(1,871)	-94%	2,000	2,060	2,122	2,185	2,251
06-420-000-329 PA One Call	645	899	829	2,500	(1,671)	-67%	2,500	2,575	2,652	2,732	2,814
Total Operations	579,779	594,332	601,747	547,000	54,747	10%	602,000	620,060	638,662	657,822	677,556
06-483-000-000 Capital Repair	-	-	-	-	-	#DIV/0!	-	-	-	-	-
Total Misc. Expenses	-	-	-	-	-	#DIV/0!	-	-	-	-	-
Operations Management Agreements											
06-471-000-020 Operations Mgt Agree-2019 Bonds	235,994	234,944	102,109	239,344	(137,235)	-57%	239,344	238,294	237,244	235,844	234,444
06-471-000-030 Operations Mgt Agree-2019A Bonds	336,987	332,515	57,199	334,475	(277,276)	0%	334,475	331,175	331,775	337,275	336,400
06-471-000-040 Operations Mgt Agree - 2025 Bonds	-	-	-	-	-	0%	300,000	400,000	400,000	400,000	400,000
Total Operations Management Agreements	572,981	567,459	159,308	573,819	(414,511)	-72%	573,819	569,469	569,019	573,119	570,844
06-492-000-020 Transfer to Water Resource Protection Fu	-	-	-	-	-	0%	-	-	-	-	-
06-492-000-030 Transfer to MA Capital Fund	350,000	-	-	-	-	0%	-	-	-	-	-
	350,000	-	-	-	-	#DIV/0!	-	-	-	-	-
Total Expenses	2,395,313	1,993,788	1,508,698	2,056,346	(547,648)	-27%	2,083,886	2,121,988	2,165,263	2,214,401	2,258,514
Net Income	1,041,678	1,160,064	904,076	834,654	69,422	8%	1,712,114	1,274,012	1,205,737	1,276,599	1,332,486

Upper Uwchlan Township Municipal Authority
2025 Capital Budget Equipment Replacement Recommendations

The following are recommendations for replacement or maintenance of equipment and facilities for the year 2025 for each of the wastewater treatment systems maintained by the Township.

Eaglepointe Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
WWTP Conversion Project ¹				1	LS	\$520,000.00	\$520,000.00
Total Estimated Cost:							\$520,000.00

Notes:

1. Convert existing WWTP into pump station, eliminate stream discharge and convey wastewater to the Route 100 Wastewater System for treatment and disposal.

Greenridge Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Total Estimated Cost:							\$0.00

Notes:

1. There are no recommendations for replacement or capital maintenance of equipment for the year 2025 at this wastewater system.

Lakeridge Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Generator ¹	25		0	1	EA	\$68,000.00	\$68,000.00
Total Estimated Cost:							\$68,000.00

Notes:

1. Estimates provided by Public Works.

Upper Uwchlan Township Municipal Authority
2025 Capital Budget Equipment Replacement Recommendations

The following are recommendations for replacement or maintenance of equipment and facilities for the year 2025 for each of the wastewater treatment systems maintained by the Township.

Marsh Harbour Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Generator ¹	25		0	1	EA	\$54,000.00	\$54,000.00
Total Estimated Cost:							\$54,000.00

Notes:

1. Estimates provided by Public Works.

Meadow Creek Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Low Pressure Sanitary Sewer Extension & WWTP Demolition				1	LS	\$3,210,020.00	\$3,210,020.00
Total Estimated Cost:							\$3,210,020.00

Notes:

1. Project is to extend sanitary sewer to the entire Meadow Creek Community and convey wastewater to the route 100 WWTP.

Route 100 Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Wet well coating (Spray Roq-125 mil thickness and epoxy coating) ¹				1	LS	\$25,000.00	\$25,000.00
Replace Influent Screen ²				1	LS	\$295,700.00	\$295,700.00
Portable Samplers				3	EA	\$4,500.00	\$13,500.00
Replace roll-up door				1	LS	\$9,000.00	\$9,000.00
Aerators				3	EA	\$33,333.00	\$100,000.00
SCADA Upgrades				5	EA	\$40,000.00	\$200,000.00
Surge Protection				1	EA	\$10,000.00	\$10,000.00
Fence Replacement (Sunderland Ave. & Eagle Farm Rd. Lagoons)				1	LS	\$85,000.00	\$85,000.00
Disposal Land Aquisition				1	LS	\$2,200,000.00	\$2,200,000.00
WWTP Phase 3 Balance				1	LS	\$300,000.00	\$300,000.00
Total Estimated Cost:							\$3,238,200.00

Notes:

1. Surface area is approximate and may change upon closer inspection.
2. Preliminary cost opinion from Duperon via purchased Co-Stars Program

Upper Uwchlan Township Municipal Authority
2025 Capital Budget Equipment Replacement Recommendations

The following are recommendations for replacement or maintenance of equipment and facilities for the year 2025 for each of the wastewater treatment systems maintained by the Township.

Saybrooke Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Total Estimated Cost:							\$0.00

Notes:

1. There are no recommendations for replacement or capital maintenance of equipment for the year 2025 at this wastewater system.

St. Andrew's Brae Wastewater System

Equipment Type	Expected Service Life (years)	Condition Rating*	Estimated Remaining Useful Life (years)	Quantity	Unit	Unit Cost	Estimated Cost
Total Estimated Cost:							\$0.00

Notes:

1. There are no recommendations for replacement or capital maintenance of equipment for the year 2025 at this wastewater system.

Summary Capital Budget Replacement Costs	2025	2026
UUTMA Wastewater Facility Equipment Recommendations		
Eaglepointe Wastewater System (less H2O Grant)	\$260,911	
Greenridge Wastewater System	\$0	
Lakeridge Wastewater System	\$68,000	
Marsh Harbour Wastewater System	\$54,000	
Meadow Creek Wastewater System (less Sunoco contribution)	\$1,095,916	1,095,916
Route 100 Wastewater System	\$3,238,200	
Saybrooke Wastewater System	\$0	
St. Andrew's Brae Wastewater System	\$0	
Milford Farms Sanitary Sewer Extension (less H2O Grant)	\$1,436,897	
Miscellaneous Budgetary Items		
System - Misc. Capital Purchases	\$35,000	
Total Cost:	\$6,188,924	1,095,916

Notes: Capital Maintenance is defined by unanticipated or extraordinary expenses or equipment failure.

*Duration of project extends over two calendar years

GLOSSARY

Accrual Basis of Accounting – The basis of accounting in which revenues are recognized when they are earned and expenses are recognized when they are incurred.

Act 537 Plan – Refers to the Pennsylvania Sewage Facilities Act, as amended, enacted on January 24, 1966 to correct existing sewage disposal problems and prevent future problems. The Act requires proper planning in all types of sewage disposal situations. Local municipalities are largely responsible for administering the Act 537 sewage disposal program.

Assets – Property owned by the Township that has a monetary value.

Balanced Budget – A budget is considered balanced when budgeted revenues equal or exceed budgeted expenditures.

CAFR – Abbreviation for Comprehensive Annual Financial Report. The CAFR expands upon full Generally Accepted Accounting Principles (GAAP) financial statements by including a large amount of statistical information applicable to the municipality.

Capital Assets – Any tangible or intangible asset that has an initial useful life extending beyond a single reporting period. Assets such as land, easements, buildings, building improvements, vehicles, machinery, equipment, infrastructure, works of art or of historical significance are normally capital assets.

Capital Expenditures – Money expended to purchase capital assets.

Comprehensive Annual Financial Report – The official financial report of a municipal entity. It includes management's discussion and analysis, financial statements, supporting schedules and required supplementary information and statistics on the municipality.

DDB – “DDB” is an abbreviation for Dry Detention Basin. Dry detention basin outlets have been designed to detain storm water runoff for a minimum period of time (i.e. Usually 24 hours) to allow particles and pollutants to settle. Unlike wet ponds, they do not have a permanent pool of water.

Debt Limit – The State-set maximum amount of legally permitted outstanding net debt.

Delaware Valley Insurance Trust (DVIT) – A regional risk sharing pool providing property, liability and/or health coverage to its participating members which consists of municipalities in Southeastern Pennsylvania. The Trust was formed under the authority granted by the Pennsylvania Intergovernmental Cooperation Act and the Pennsylvania Political Subdivision Tort Claims Act.

The Township currently has all of its insurance coverage through DVIT.

Effluent – The outflow from a sewage treatment facility.

GLOSSARY, cont'd

Enterprise Funds – Proprietary fund type used to report an activity for which a fee is charted to external users for goods or services.

Fund – A fiscal and accounting tool with a self-balancing set of accounts to record revenues and expenditures.

Fund Balance – Fund balance is the net position of a governmental fund. It is equal to the difference between assets, liabilities, deferred outflows of resources and deferred inflows of resources. It is the “equity” of a governmental fund.

GAAP – GAAP is an abbreviation for Generally Accepted Accounting Principles which are the standard framework and guidelines used in financial accounting in the United States of America. The Financial Accounting Standards Board is responsible for issuing new accounting pronouncements.

GASB – GASB is an abbreviation for the Government Accounting Standards Board. GASB is the authoritative accounting and financial reporting standard-setting body for state and local governments.

General Fund – An accounting entity used to account for all revenue and expenditures applicable to the general operations of the departments of the Township and to record all financial transactions not accounted for in another fund.

GFOA – GFOA is the abbreviation for the Government Finance Officers Association. The GFOA is a national professional organization comprised of people who are working in government finance on a state, local or federal level. The GFOA holds educational training seminars nationally and also provides information on “Best Practices”, as well as other services, to its members. State and local chapters provide local training on a monthly, quarterly or annual basis.

Impervious Coverage – Impervious coverage refers to any man-made surfaces, along with compacted soil, that water cannot penetrate. Examples are asphalt, concrete, and rooftops.

LUAR – The abbreviation for a Land Use Assumptions Report.

Modified Accrual Basis of Accounting – An accounting method that combines elements of the two (2) basic accounting methods, cash basis and accrual basis. Revenues are recognized when earned, measurable and available. Expenses are recognized when the liability is incurred.

MS-4 – Under the 1987 Clean Water Act Amendments, the U.S. EPA developed new regulations to address storm water that might impact water quality. These new “Municipal Separate Storm Sewer System” (MS4) regulations were established by the EPA and are administered in Pennsylvania by the Pennsylvania Department of Environmental Protection (“DEP” or “PADEP”).

NPDES permit – National Pollutant Discharge Elimination System permit. Permits are issued by PADEP.

GLOSSARY, cont'd

PADEP – Pennsylvania Department of Environmental Protection

PEMA – Pennsylvania Emergency Management Agency

Scheduled Interest – The amount of interest that would be paid by following the bank's amortization schedule. If the Township pays additional principal amounts during the remaining years of the loan, the actual amount of interest paid will be less.

Second Class Township – A second class township is defined as having a population of less than 300 inhabitants per square mile and in Pennsylvania they are governed by the Second-Class Township Code, enacted by the state legislature on May 1, 1933, as amended.

WWTF – Waste Water Treatment Facility



RESOLUTION # 01-28-25-28

WHEREAS, the Upper Uwchlan Township Municipal Authority wishes to establish Administration Costs and User Fees for calendar year **2025**, and

WHEREAS, the Upper Uwchlan Township Municipal Authority has determined the Administration Costs and User Fees as follows:

2025 Administration Costs: **\$ 372,195.00**

2025 User Fees:

SYSTEM	2024 RATE	PROPOSED 2025 RATE
Commercial Users	\$12.00 / 1,000 gallons	\$12.00 / 1,000 gallons
Fellowship Road	\$190.00 / quarter	\$190.00 / quarter
Lakeridge	\$190.00 / quarter	\$190.00 / quarter
Marsh Harbour	\$190.00 / quarter	\$190.00 / quarter
Meadow Creek	\$190.00 / quarter	\$190.00 / quarter
Saybrooke	\$190.00 / quarter	\$190.00 / quarter
St. Andrews Brae	\$190.00 / quarter	\$190.00 / quarter
Greenridge	\$190.00 / quarter	\$190.00 / quarter

NOW, THEREFORE, be it resolved, the Upper Uwchlan Township Municipal Authority 2025 Operating Budget totals **\$ 2,088,886.00**

HEREBY RESOLVED and ADOPTED, this 28th day of January, 2025.

UPPER UWCHLAN TOWNSHIP
MUNICIPAL AUTHORITY

ATTEST:

G. Matthew Brown
Authority Administrator

Robert Maas, Member

Joseph Samarco, Member

Wm. Jack Shipe, Member

Robert Watts, Member



ARRO Consulting, Inc.
321 N. Furnace Street, Suite 200
Birdsboro, PA 19508
P: 610.374.5285
www.arroconsulting.com

VIA ELECTRONIC MAIL

January 22, 2025

Upper Uwchlan Township Municipal Authority
Upper Uwchlan Township
140 Pottstown Pike
Chester Springs, PA 19425

RE: Milford Farms Sanitary Sewer System
Upper Uwchlan Township Municipal Authority
Payment Application No. 1
ARRO No. 10270.48

Dear Municipal Authority:

Enclosed is one (1) copy of the approved Payment Application No. 1 from Almeida & Hudak Contractors, LLC, for Contract One in the amount of \$502,825.86, for the above-mentioned project.

We have reviewed Payment Application No. 1 and recommend payment in the amount of \$502,825.86. Calculated balance to finish, plus retainage, is \$1,793,439.14.

If you have any questions, please contact me at your earliest convenience.

Sincerely,

David M. Schlott Jr., P.E.
Project Manager

DMS:law

Enclosure

c: Gwen Jonik – Upper Uwchlan Township
Jill Bukata – Upper Uwchlan Township
Sandy Diffendal – Upper Uwchlan Township
G. Matthew Brown – Authority Administrator
Stephen Hudak – Almeida & Hudak
Justin Hartz – ARRO
Jay Jackson – ARRO

\lancfile3\Lancaster-Technical\Active Projects\Upper Uwchlan Township\Milford Farms Sanitary Sewer Ext 10270.64\Construction\Pay Applications\AH payment No. 1 - 01-22-2025.docx

APPLICATION FOR PAYMENT NO. 1

TO (OWNER): UPPER UWCHLAN TWP MUNIC. AUTH.PROJECT NO.: 10270.64PERIOD TO: 12/16/24FROM (CONTRACTOR): ALMEIDA & HUDAQ CONTRACTORS, LLCCONTRACT DATE: 06/26/24CONTRACT FOR: MILFORD FARMS SANITARY SEWER EXTENSIONPAGE 1 OF 2

CHANGE ORDER SUMMARY		ADDITIONS	DELETIONS
Change Orders approved in previous months by Owner			
TOTAL			
Approved this Month			
Number	Date Approved		
1	12/5/2024	\$ 67,630.00	
TOTALS		\$ 67,630.00	\$ -
Net change by Change Orders		\$ 67,630.00	\$ -

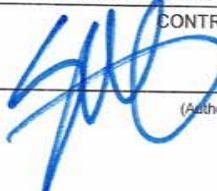
CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied to discharge in full all obligations of Contractor incurred in connection with Work covered by prior Applications for Payment numbered 1 through ___ inclusive and that such payments have been made in compliance with the Pennsylvania Prompt Pay Act, Act 142 of 1994; (2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment, free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner indemnifying Owner against any such lien, claim, security interest, or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective, as that term is defined in the Contract Documents.

Dated JAN 21, 2025

ALMEIDA & HUDAQ CONTRACTORS, LLC

CONTRACTOR

By 

(Authorized Signature)

1. ORIGINAL CONTRACT SUM	\$ 2,228,635.00
2. Net change by Change Orders	\$ 67,630.00
3. CONTRACT SUM TO DATE (Line 1±2)	\$ 2,296,265.00
4. TOTAL COMPLETED TO DATE (Columns B+C on Page 2)	\$ 558,695.40
5. RETAINAGE: 10.00% of Completed Work	\$ 55,869.54
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5)	\$ 502,825.86
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Application)	\$
8. CURRENT AMOUNT DUE	\$ 502,825.86
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6)	\$ 1,793,439.14

Payment of the above CURRENT AMOUNT DUE is recommended.

Dated January 22, 2025

ARRO CONSULTING, INC.

ENGINEER

By 

(Authorized Signature)

\Specs\Masters\Utrs&Frms\PmtApp_UP.XLS (UP)

APPLICATION FOR PAYMENT NO. 1

CONTRACT FOR:

MILFORD FARMS SANITARY SEWER EXTENSION

PERIOD TO: 12/16/24

CONTRACTOR:

ALMEIDA & HUDAQ CONTRACTORS, LLC

PAGE 2 OF 2

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Item No.		Description of Work	CONTRACTOR's Schedule of Values - A				WORK COMPLETED			
			Unit	Unit Price	Quantity	Ext. Price	Previous Application - B		This Period - C	
							Quantity	Amount	Quantity	Amount
1		All Work for Milford Farms Pump Station Described in Drawings and Specifications, but not including Work required by Items 2 through 19.	LS	\$ 322,000.00	1	\$ 322,000.00				\$ -
2		Furnish and Install 8" PVC SDR-26 Sanitary Sewer Main	LF	\$ 200.00	960	\$ 192,000.00			287	\$ 57,400.00
3		Furnish and Install 8" PVC SDR-35 Sanitary Sewer Main	LF	\$ 168.00	3,420	\$ 574,560.00			2,150.0	\$ 361,200.00
4		Furnish and Install 2" PVC SDR-21 Force Main, Including Connections to Existing 2" PVC LPSS Force Main and to MH 1A.	LF	\$ 100.00	70	\$ 7,000.00				\$ -
5		Furnish and Install 6" PVC SDR-26 Laterals Complete In-place	LF	\$ 150.00	150	\$ 22,500.00				\$ -
6		Furnish and Install 6" PVC SDR-35 Laterals Complete In-place	LF	\$ 145.00	1,250	\$ 181,250.00			569	\$ 82,505.00
7		Furnish and Install 4' Diameter Standard Manhole	VF	\$ 650.00	125	\$ 81,250.00			46.4	\$ 30,160.00
8		Furnish and Install 5' Diameter Inside Drop Manhole, Including Pipe Inside Drop	VF	\$ 750.00	135	\$ 101,250.00			66.3	\$ 49,725.00
9		Furnish and Install HDPE Manhole Liner (MH 1 and MH 1A)	VF	\$ 850.00	40	\$ 34,000.00				\$ -
10		Erosion and Sedimentation Control	LS	\$ 3,000.00	1	\$ 3,000.00			50%	\$ 1,500.00
11		Municipal Roadway Trench Surface Restoration	SY	\$ 100.00	3,320	\$ 332,000.00				\$ -
12		Seeded Area Restoration	LS	\$ 2,500.00	1	\$ 2,500.00				\$ -
13		Concrete Curb Restoration	LF	\$ 60.00	235	\$ 14,100.00				\$ -
14		Temporary Pavement	SY	\$ 9.00	2,200	\$ 19,800.00			1,673.1	\$ 15,057.90
15		Soft-Dig Utility Location Excavation	CY	\$ 200.00	25	\$ 5,000.00			25	\$ 5,000.00
16		Miscellaneous Unclassified Excavation (Contingency Item)	CY	\$ 100.00	100	\$ 10,000.00				\$ -
17		Miscellaneous Aggregate Backfill (Contingency Item)	CY	\$ 25.00	100	\$ 2,500.00				\$ -
18		Miscellaneous Concrete (Contingency Item)	CY	\$ 350.00	10	\$ 3,500.00				\$ -
19		Rock Removal (Contingency Item)	CY	\$ 200.00	100	\$ 20,000.00				\$ -
			Totals				\$1,928,210.00		\$ -	\$ 602,547.90
		ALTERNATE BID								
20		Furnish and Install 4' Diameter Manhole	VF	\$ 650.00	48	\$ 31,200.00				\$ -
21		Furnish and Install 8" PVC Sewer Main by Open Cut: SDR-35	LF	\$ 170.00	1,070	\$ 181,900.00				\$ -
22		Furnish and Install 6" PVC sewer Laterals: SDR-35	LF	\$ 140.00	125	\$ 17,500.00				\$ -
23		Furnish and Instal 14" x 23" HERCP Storm Pipe	LF	\$ 200.00	28	\$ 5,600.00				\$ -
24		Tie Into Existing Manhole	LS	\$ 1,500.00	1	\$ 1,500.00				\$ -
25		Erosion and Sedimentation Control	LS	\$ 1,500.00	1	\$ 1,500.00				\$ -
26		Municipal Roadway Trench Surface Restoration	SY	\$ 110.00	525	\$ 57,750.00				\$ -
27		Temporary Pavement	SY	\$ 9.00	275	\$ 2,475.00				\$ -
28		Seeded Area Restoration	LS	\$ 1,000.00	1	\$ 1,000.00				\$ -
			Totals				\$ 300,425.00		\$ -	\$ -

APPLICATION FOR PAYMENT NO. 1

CONTRACT FOR: MILFORD FARMS SANITARY SEWER EXTENSION PERIOD TO: 12/16/24

CONTRACTOR: ALMEIDA & HUDAQ CONTRACTORS, LLC PAGE 2 OF 2

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Item No.	C.O. #	Description of Work	CONTRACTOR's Schedule of Values - A				WORK COMPLETED			
			Unit	Unit Price	Quantity	Ext. Price	Quantity	Amount	Quantity	Amount
2A	1	Furnish and Install 8" PVC Sewer Main by Open Cut: SDR-26 (NO STONE BACKFILL)	LF	\$ (30.00)	960	\$ (28,800.00)			244	\$ (7,320.00)
3A	1	Furnish and Install 8" PVC Sewer Main by Open Cut: SDR-35 (NO STONE BACKFILL)	LF	\$ (25.00)	3,420	\$ (85,500.00)			1,830.5	\$ (45,762.50)
5A	1	Furnish and Install 6" PVC sewer Laterals: SDR-26 (NO STONE BACKFILL)	LF	\$ (30.00)	150	\$ (4,500.00)				\$ -
6A	1	Furnish and Install 6" PVC sewer Laterals: SDR-35 (NO STONE BACKFILL)	LF	\$ (30.00)	1,250	\$ (37,500.00)			484	\$ (14,520.00)
20	1	Soil Disposal	LOAD	\$ 250.00	225	\$ 56,250.00			95	\$ 23,750.00
21	1	Grinder Pump - Furnish and Install	LS	\$ 35,980.00	1	\$ 35,980.00				\$ -
22	1	Meadow Creek Pipe-Addition: Two (2) 6" Pipes (Raw & Effluent Return)	LS	\$ 45,000.00	1	\$ 45,000.00				\$ -
23	1	Road Surface Overlay	SY	\$ 17.00	5,100	\$ 86,700.00				\$ -
		Totals				\$ 67,630.00			\$ -	\$ (43,852.50)



January 20, 2025

Mr. G. Matthew Brown, PE, DEE
Authority Administrator
Upper Uwchlan Township Municipal Authority
140 Pottstown Pike
Chester Springs, PA 19425

RE: Hydrogeological Investigation
Sewage Disposal Field
Upper Uwchlan Township, Chester County
ARM Proposal No. P 24012305.00

Dear Mr. Brown:

ARM Group LLC (ARM) appreciates the opportunity to present this proposal to conduct a hydrogeologic investigation in support of a proposed sewage disposal system.

ARM will work with DEP to provide clarity on what areas can be developed to receive treated effluent and an estimate on the rate of infiltration for the various areas across the parcel.

ARM will utilize a requisite Certified Professional Soil Scientist (CPSS) and continuing from the previously completed work that included:

- Phase 1 by Gilmore & Associates, Inc. (April 5, 2023)
- Phase 2 by Gilmore & Associates, Inc. (June 20, 2023)
- Preliminary Visual Assessment by ARRO Consulting (August 2023)

The tasks below are based on recent input from DEP's Planning Department and hydrogeologist. Additional tasks may result from the findings of this evaluation or if DEP requires additional information.

SCOPE OF WORK

The purpose of this study is to assess a parcel of land to determine its suitability for use as a disposal field in compliance with the PADEP guidance and regulations. Specifically the PADEP Manual for Land Treatment of Wastewater. The study will involve soil evaluation, hydrological assessment, and other environmental considerations to ensure that the land is appropriate for the planned disposal field and meets all regulatory requirements.

Task 1 – Special Study

Since the parcel is intended to serve as a component of the Route 100 WWTP, which has a WQM operating permit with multiple disposal fields, the DEP commented that a planning

PRECISE. RESPONSIVE. SOLUTIONS.

module may not be necessary, and their guidance was to engage the UUTMA through a Special Study process. This would be an expedited process aimed at assessing soil and water quality requirements and would also allow their Hydrogeologist to be engaged quickly. Costs are provided as an estimate for coordinating a meeting with DEP to discuss planning and permitting requirements.

To prepare for the meeting and provide DEP with some background information that present the site's existing features, and where compliance with PADEP Chapter 73 regulations pertaining to use of the parcel apply, including but not limited to:

- Proper distance from wells, watercourses, and sensitive environmental areas.
- Local ordinances, zoning requirements, or restrictions on land use.
- Consideration of floodplain management and stormwater runoff.
- Identify potential environmental hazards, such as wetlands, floodplains, or proximity to sensitive water bodies.
- Identify potential prohibitions to disposal areas such as proximity of groundwater wells, bedrock outcrops, and steep slopes.
- Location of soil stockpiles.
- Discussion on historical mining activities adjacent to the property.

Task 2 – Drilling and Installation of Monitoring Wells

ARM will retain a Chester County licensed well drilling contractor to provide the labor and equipment necessary to drill and construct five (5) permanent monitoring wells at the site. The proposed well locations are illustrated on Figure 1 attached. The wells are intended to provide adequate coverage of upgradient and downgradient conditions of the sewage disposal areas. The wells will be used to determine the capacity of the aquifer to assimilate the additional groundwater recharge derived from the treated wastewater, as well as to serve as permanent monitoring wells for future compliance water quality monitoring.

A component of the well installation process may include an access agreement with the Owner. ARM will be available to assist UUTMA and their Solicitor (if needed) to engage the Owner to obtain approval to conduct the work.

ARM will work with the drilling contractor to obtain the Chester County well permits. A qualified ARM geoscientist, working under the direct supervision of a PA licensed geologist, will direct the drilling contractor and log the subsurface conditions encountered. The drilling equipment will be a combination of wheeled and tracked vehicles. ARM will work with the driller to provide suitable E&S controls. Drill cuttings will be drummed and removed. Although there are locations where wells can go, it's difficult to say exactly where the wells will be placed since PADEP has not yet been allowed to opine. If locations dictate tree clearing or creating pads for level drilling, those costs can be evaluated later if needed.

Wells will be constructed to allow for the hydraulic conductivity testing, groundwater surface elevation mapping, and modeling and mounding analysis, and long-term water quality monitoring needed to ensure the proper long-term operation of the drip irrigation system.



It is anticipated that the monitoring wells will be advanced to approximately 15 feet below the top of the local groundwater table. They will be constructed of 2-inch well screen and riser. It is anticipated that a combination hollow stem auger/air rotary drilling machine will be used to advance the wells to the required depths.

It is anticipated that this work will take 3 days to complete. Upon completion of the drilling, drilling logs and construction details will be prepared. GPS will be used to obtain horizontal and vertical data of the new wells.

Each of the wells will be developed following well installation. Development will be accomplished through the use of a submersible pump and purging of the well column until the water runs clear.

This effort is estimated as a starting point to provide a cost estimate. Should field data indicate additional wells are needed, or if DEP requires additional data, further investigation or additional wells may be required. In which case, costs can be adjusted using the information established for the estimate.

Task 3 - Test Pit Investigation

ARM will provide a Certified Professional Soil Scientist (CPSS) to direct the excavation of deep test pits to determine which disposal methods may be feasible. It is our understanding that UUTMA will provide an excavator and operator for the work via the Public Works Dept using standard equipment (if additional costs for tracked equipment is required, that cost can be evaluated later if needed). The number and locations of pits will be directed by ARM in coordination with the PADEP-SERO regional soil scientist. Prior to excavation, ARM will notify the PA One Call System to identify and mark any public utilities. ARM will coordinate with UUTMA to identify and avoid public and private utilities in the area. If potential private utilities are located on the property and if there is no accurate mapping of private piping and utilities, ARM can contract with a geophysics company to locate these potential lines at additional cost.

Pits will be excavated to a maximum depth of seven feet to determine the depth to limiting zones as defined by the PADEP as: seasonal high water table, whether perched or regional; rock formation; other soil condition which is so slowly permeable that it effectively limits downward passage of effluent; rock with open joints or with fractures or solution channels, or as masses of loose rock fragments including gravel with insufficient fine soil to fill the voids between the fragments. Soil profile descriptions will be prepared to include soil horizon breaks, color, texture, structure, and consistence. The most restrictive horizon in the soil profile will be identified for additional permeability testing that will likely be required by PADEP.

The soil descriptions will be used along with on-site observations of topography to create a drainage classification map. The depth to limiting zones and drainage classifications determine the viability of various disposal methods – deep, well drained soils are generally suitable for a variety of disposal methods, including conventional subsurface trench technology, and shallow,



somewhat poorly drained soils are only suitable for seasonal spray irrigation disposal. Based on our experience with similar projects, we have allotted three field days for the test pit investigation.

Task 4 - Permeability Testing

When proposing use of a large volume sewage system (sewage flow in excess of 10,000 gpd), the PADEP typically requires permeability testing of the most restrictive soil horizon in the disposal area. An ARM soil scientist and ARM geoscientist will install up to twenty borehole permeameters in identified restrictive horizons to determine vertical hydraulic conductivity. ARM will install 4-inch diameter PVC piping into the most restrictive horizon and pack the annular space around the permeameters with bentonite to prevent horizontal movement of water through the soil profile. ARM will fill the permeameters with clean water. At regular intervals, the drop in water level will be recorded and the permeameters will be re-filled until a stable rate is obtained. Field measurements will be corrected for permeameter shape, material, and head level to estimate the saturated hydraulic conductivity.

We have allotted a two-person team for two days to install the permeameters, and two additional days to conduct the testing. Soil permeability testing methodology is subject to approval by PADEP and is dependent on the findings of the test pit investigation. We assume that an excavator and operator can be provided by UUTMA for this work, likely from the Public Works Dept.

Task 5 – Hydraulic Conductivity Testing and Analysis

For the purposes of conducting a site-specific mounding analysis of the groundwater, hydraulic conductivity testing will be performed at each groundwater well. Testing will consist of slug addition/slug withdrawal testing. Data will be utilized for obtaining an approved application rate from DEP. Hydraulic conductivity values will be calculated using an appropriate method depending on the site-specific aquifer conditions and well construction details. Site-specific hydraulic conductivity values will be used in the development of a three-dimensional groundwater model and mounding analysis outlined below. The resulting hydraulic conductivity and calculated aquifer thickness will be used to derive aquifer transmissivity.

Task 6 – Groundwater Modeling and Mounding Analysis

ARM will develop a site conceptual model (SCM) based on the preliminary design of the disposal system and the site-specific geologic/hydrogeologic information obtained during the proposed investigation. ARM will expand upon the SCM to create a three-dimensional groundwater flow model (model) acceptable to the PADEP hydrogeologist. The model will be created using site-specific hydraulic conductivities derived during the slug testing analysis, groundwater table elevations measured within the onsite monitoring wells, topographic elevations, groundwater recharge estimates of the local watershed, and assigned boundary conditions. It can be assumed that topographic elevations of nearby streams and/or wetlands will be used as constant-head boundaries used in the model creation and calibration process. Model calibration will be conducted via altering the modeled hydraulic conductivities until simulated groundwater elevation contours are within a designated range of variation (likely < 2 feet) of the measured water levels in the onsite monitoring wells during ongoing quarterly monitoring events.



The calibrated groundwater flow model will be used for the preparation of a mounding analysis to predict groundwater mounding beneath the proposed disposal areas. The groundwater mounding analysis will be conducted to evaluate the theoretical rise/mounding of the local groundwater table due to the recharge of water under the disposal areas.

The model will be documented in the report to the extent necessary to allow duplication of the modeling effort by the reviewing PADEP hydrogeologist.

Task 7 – Water Quality Sampling

Monitoring wells will be sampled following construction and development. ARM will provide a qualified geoscientist to conduct the sampling event. Prior to the performance of the sampling event, ARM will prepare a laboratory Sampling and Analysis Plan (S&A Plan) for submission and signature by the selected Pennsylvania Certified Analytical Laboratory. The S&A Plan specifies field methods for well purging and sample collection, necessary bottleware and preservation techniques, EPA Solid Waste Methods for each analysis, maximum hold times, project contacts, and project schedule.

Prior to manipulating the water column, ARM will measure the static water level using an electronic water level meter from the top of the inner PVC casing to the water table to the closest 0.01 feet. This depth will be subtracted from the surveyed casing elevation to determine the elevation of the water table in each of the wells.

ARM will purge each of the five new monitoring wells with an electric submersible pump. A minimum of three well volumes will be removed from each well to allow fresh groundwater to enter the well. Well purging will continue until field parameters (temperature, pH, specific conductivity) stabilize. Representative groundwater samples will be collected from each well with the purging pump from within 5 feet of the top of the water column

Samples will be placed in laboratory prepared bottleware containing preservatives as required by the analytical method. Samples bottles will be promptly placed on ice in a hard plastic cooler. Samples will be transmitted under chain of custody documentation to the certified analytical laboratory for analysis of:

Turbidity	pH
Chloride	Total Phosphates
Ammonia-Nitrogen & TKN	Nitrate-Nitrogen
Total Dissolved Solids (TDS)	Fecal Coliform
Alkalinity	Total Coliform

Due to the short hold time for fecal coliform (must be prepared for analysis at the laboratory within 6 hours of sample collection) arrangements may be made for the analytical laboratory to pick up the samples at the Site.



Task 8 – Hydrogeological Investigation Report

Upon completion of the hydraulic conductivity testing and analysis, the groundwater quality sampling and analysis, and the development of the groundwater flow model, ARM will prepare a hydrogeological investigation report. This report will include ARM's analysis of potential groundwater impact from the proposed drip irrigation system, as well as all supporting data tables, figures, graphs, and analytical laboratory reports. The report will be prepared to meet the requirements of the Preliminary Hydrogeologic Study to accompany the sewage facilities planning module or similar document as directed by DEP's Special Study. In addition, the Report will include a general site map of soil drainage classes and loading rates using generally accepted rates for well drained, moderately well drained, and somewhat poorly drained soils as supplemented by the field-measured permeabilities, and will provide an estimate of acres of disposal area and loading rates to determine preliminary disposal capacity.

ASSUMPTIONS

1. Access to property is available during normal working hours for personnel and equipment.
2. No significant environmental contamination will be discovered during field work.

EXCLUSIONS

1. This study does not include the preparation of a full land development plan or construction documents for the disposal field (e.g., force main delivery system, control building, distribution system).
2. This study does not include estimations on system development costs nor costs for developing other portions of the property such as storage, parking, or trails.
3. Any additional services, such as groundwater monitoring or further engineering design, will be outside the scope of this study and will require a separate agreement.
4. Development of any planning modules with DEP are not included.

COST SUMMARY

Based on the work scope described, ARM will provide its services on a time and expense basis in accordance with the attached Consulting Rate Schedule. **For budgetary purposes, ARM has estimated the cost of this work scope to be \$98,900 (see attached Table 1)**

TERMS AND CONDITIONS

ARM's services will be provided in accordance with the attached Standard Terms and Conditions, which the undersigned acknowledges as having read and agreed to upon acceptance of this Proposal. Alternatively, ARM will accept a purchase order, or other contract mechanism, with mutually agreed to terms and conditions. Any services authorized that are beyond the work scopes presented herein will be provided and billed in accordance with the attached ARM Group Inc. Consulting Rate Schedule and Standard Terms and Conditions. Our services will be conducted on



a time and materials basis and invoices will be prepared on a monthly basis. Our terms for payment are net: 30 days. Invoices aging past 30 days are subject to a late fee of 1½-percent per month

If the Scope of Work outlined in this proposal changes, or if the Client, Pennsylvania Department of Environmental Protection (PADEP), or another agency, requires work beyond the scope described above or in contrast to the basis listed above, ARM will conduct such work upon authorization by UUTMA, at additional cost, on a time-and-expense basis in accordance with ARM's Consulting Rate Schedule. Additions or deletions to the Scope of Work will be made only with the authorization of the client. These costs do not include any project review fees charged by the PADEP or other pertinent agencies.

PROJECT SCHEDULE

ARM will conduct background research for the preliminary hydrogeologic evaluation within two weeks of authorization to proceed, pending appropriate coordination with UUTMA and the property owner for access to available information. The PADEP meeting will be scheduled based on the availability of PADEP staff. Completion of the preliminary hydrogeologic evaluation and report is dependent on the results of the meeting and can be completed within ten weeks, depending upon the direction and availability of PADEP.

Permeability testing must be observed by the PADEP. ARM anticipates scheduling the testing within three weeks of authorization to proceed.

SAFETY

It is the policy of ARM to provide and maintain a safe and healthful working environment and to follow operating practices that will safeguard personnel and result in a more efficient operation. Wherever required, ARM will fully comply with client safety requirements.

ARM is committed to safety excellence and the goal of Zero Accidents. As such, and in compliance with ARM's Corporate HSE Manual, a Job Safety Analysis (JSA) will be performed by ARM at the start of each workday and as changing conditions warrant to identify and control real and potential workplace hazards. The completed JSA will be saved with the project documents and made available upon request.

PROPRIETARY NOTICE

Information contained within this document is the property of, and proprietary to, ARM Group LLC, and cannot be reproduced, disclosed, or used, except for evaluation purposes, without the express written consent of ARM. This proposal will remain open for 90 days.



CLOSING

You may authorize this work by signing in the space provided below and returning a copy of the signed proposal. ARM appreciates the opportunity to provide this proposal, and we look forward to working with you on this project.

Respectfully submitted,
ARM Group LLC



Karl Schmit, P.E.
Senior Project Engineer



Michael E. Lane, CPSS
Senior Soil Scientist



PROPOSAL P24012305.00

Hydrogeological Investigation, Senn Property

Accepted by:

Signature

Title

Date



Table 1 - Labor and Cost Breakdown
Hydrogeological Investigation for Sewage Disposal Field
UUTMA
Hydro 24012305.00
ARM Group LLC

		Labor Revenue								Sub Contractor		Reimbursable Expenses					
Personnel		Principal	Sr. Hydro/Geotech	Project Manager	Project Scientist II/ Project Engineer I	Project Scientist I/ Staff Eng. II	GIS	CAD Designer/ Surveyor	Clerical/ Admin.; Support	Total Labor Costs	Subcontractor Cost	Subcontractor Cost + Mark Up	Reimbursable Expenses	Reimbursable Expense + Mark Up	Phase/ Task	Phase/ Task	
Labor Rate		\$235.00	\$175.00	\$175.00	\$135.00	\$124.00	\$130.00	\$105.00	\$87.00						Total Hours	Total Cost	
Phase/Task - Personnel		PW	ML	KS	ARC/CMH	RA											
Task 1 Special Study with PADEP										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 1.1 Conference call with PADEP			4	8						\$ 2,100.00		\$ -	\$ -	\$ -	12	\$ 2,100.00	
Task 1 Subtotal		0	4	8	0	0	0	0	0	\$ 2,100.00	\$ -	\$ -	\$ -	\$ -	12	\$ 2,100.00	
Task 2 Drilling/Development of Wells										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 2.1 Proposal Prep			12	4	4					\$ 3,340.00		\$ -	\$ -	\$ -	20	\$ 3,340.00	
Sub Task 2.2 3-Day Field Work (Clearing + Install 5 wells)			12		32					\$ 6,420.00	\$ 35,000.00	\$ 40,250.00	\$ 395.00	\$ 454.25	44	\$ 47,124.25	
Sub Task 2.3 Well development (1 day / 2 people)					8	8				\$ 2,072.00		\$ -	\$ 500.00	\$ 575.00	16	\$ 2,647.00	
Task 2 Subtotal		0	24	4	44	8	0	0	0	\$ 11,832.00	\$ 35,000.00	\$ 40,250.00	\$ 895.00	\$ 1,029.25	80	\$ 53,111.25	
Task 3 Test Pit Investigation										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 3.1 Office Work (Preparation, Calcs)			4			8				\$ 1,692.00		\$ -	\$ -	\$ -	12	\$ 1,692.00	
Sub Task 3.2 Field Work			12			8				\$ 3,092.00		\$ -	\$ -	\$ -	20	\$ 3,092.00	
Task 3 Subtotal		0	16	0	0	16	0	0	0	\$ 4,784.00	\$ -	\$ -	\$ -	\$ -	32	\$ 4,784.00	
Task 4 Permeability Testing										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 4.1 Field Work + Equipment (2 days 2 people)			16			16				\$ 4,784.00		\$ -	\$ -	\$ -	32	\$ 4,784.00	
Task 4 Subtotal		0	16	0	0	16	0	0	0	\$ 4,784.00	\$ -	\$ -	\$ -	\$ -	32	\$ 4,784.00	
Task 5 Hydraulic Conductivity Testing										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 5.1 Field Work + Equipment (2 days 2 people)			16		24	24				\$ 9,016.00		\$ -	\$ 644.00	\$ 740.60	64	\$ 9,756.60	
Task 5 Subtotal		0	16	0	24	24	0	0	0	\$ 9,016.00	\$ -	\$ -	\$ 644.00	\$ 740.60	64	\$ 9,756.60	
Task 6 Groundwater Modeling and Mounding Analysis										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 6.1 Slug Testing Data Processing			8		8	8				\$ 3,472.00		\$ -	\$ -	\$ -	24	\$ 3,472.00	
Sub Task 6.2 Development of 3D GW Model			2	8		40				\$ 6,830.00		\$ -	\$ -	\$ -	50	\$ 6,830.00	
Task 6 Subtotal		2	16	0	8	48	0	0	0	\$ 10,302.00	\$ -	\$ -	\$ -	\$ -	74	\$ 10,302.00	
Task 7 Water Quality Sampling Event										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 7.1 Bottlesware + S&A Prep					2					\$ 270.00		\$ -	\$ -	\$ -	2	\$ 270.00	
Sub Task 7.2 Field Work and Sample Analysis					8					\$ 1,080.00	\$ 1,500.00	\$ 1,725.00	\$ 419.00	\$ 481.85	8	\$ 3,286.85	
Task 7 Subtotal		0	0	0	10	0	0	0	0	\$ 1,350.00	\$ 1,500.00	\$ 1,725.00	\$ 419.00	\$ 481.85	10	\$ 3,556.85	
Task 8 Report										\$ -		\$ -	\$ -	\$ -		\$ -	
Sub Task 8.1 Writing Report			4	8	2	24			8	\$ 6,626.00		\$ -	\$ -	\$ -	46	\$ 6,626.00	
Sub Task 8.2 Attachments, Figures			4	4	8	4	8			\$ 3,840.00		\$ -	\$ -	\$ -	28	\$ 3,840.00	
Task 8 Subtotal		4	12	6	32	0	4	8	8	\$ 10,466.00	\$ -	\$ -	\$ -	\$ -	74	\$ 10,466.00	
Personnel Total Hours		6	104	18	118	112	4	8	8								
Personnel/Subcontractor/Expense Total Cost			\$ 1,410.00	\$ 18,200.00	\$ 3,150.00	\$ 15,930.00	\$ 13,888.00	\$ 520.00	\$ 840.00	\$ 696.00	\$ 54,634.00	\$ 36,500.00	\$ 41,975.00	\$ 1,958.00	\$ 2,251.70	\$ 378.00	\$ 98,860.70
											Labor Costs	Subcontractor Cost	Subcontractor Cost + Mark Up	Reimbursable Expense	Reimbursable Exp + Mark UP	Labor Hour Total	Grand Total