



## AGENDA

March 26, 2024

6:30 p.m. Monthly Business Meeting

7:00 p.m. Special Meeting

### LOCATION:

**The Barn at Upland Farm Park**  
301 Pottstown Pike, Chester Springs PA 19425  
Access/parking on Darrell Drive

		Packet Page #
I.	Call to Order	
II.	Approval of Minutes: February 27, 2024	2
III.	Approval of Payments: March 2024	4
IV.	Treasurer's Report	12
V.	Authority Administration Reports	
	A. Clean Water, Inc. Monthly Report	20
	B. ARRO Consulting Monthly Report	22
	C. Authority Administrator's Report	48
	D. Public Works Department Report	49
VI.	Open Session	
VII.	Next Meeting Date: April 23, 2024 ~ 7:30 p.m. ~ Virtual	
VIII.	7:00 p.m. Special Meeting re: Milford Farms, Meadow Creek Sewer Extensions; Eaglepointe Treatment Plant Conversion	53
IX.	Adjournment	



## MEETING MINUTES

February 27, 2024

7:30 PM

**DRAFT**

In attendance via video conference: J. Samarco, Chairman, Lou Schack, Member, B. Maas, Member, J. Shipe, Member, G. Matthew Brown, P.E., DEE, Authority Administrator and Karl Schmit, P.E. and David Schlott, Jr., P.E., ARRO Consulting, Inc.

### **Call to Order**

J. Samarco called the meeting to order at 7:31 PM.

### **Approval of Minutes**

Draft minutes of the December 2023, meeting was reviewed in accordance with requested revisions. L. Schack moved to approve the revised minutes as submitted. J. Shipe seconded. It was so moved.

Draft minutes of the January 2024, meeting was discussed. One revision was recommended by Joe Samarco. Lou Schack moved to approve the minutes as revised. J. Samarco seconded. It was so moved.

### **Approval of Payments**

Following a brief discussion and questions, J. Shipe moved to approve the payments for January 2024. B. Maas seconded. It was so moved.

### **Treasurer's Report**

Following a discussion and questions, J. Shipe asked that the \$1.0MM contribution to the Meadow Creek Project be somehow noted if even in a footnote in the financial statements. J. Shipe then made a motion to accept the balance sheet and the statement of revenue and expenses as submitted in good faith by the Township Treasurer. L. Schack 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 noted that after conversations with the Solicitor and Township Manager, he spoke with Mr. Ken Styer, the real estate representative for the Senn Property, and made an initial offer for purchase of the property on Township Line Road for use as a land disposal area. He noted that aside from the financial offer, he reviewed the conditions including regulatory approval that the Authority required. He noted it seemed to him Mr. Styer was not happy with the offer but said he would take it to the property trustees for consideration.

M. Brown reviewed a proposal provided by the Township Police Department for new security cameras for the Route 100 WWTF and requested approval. L. Schack moved and J. Samarco seconded to approve the proposal. It was so moved.

M. Brown provided the first week of April as the best time for a system tour for new and existing Board members. He requested that those interested reach out to him with their best dates that week.

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

### **Executive Session**

J. Samarco called an Executive Session of the Authority to discuss legal issues at 8:40 PM. The Executive Session adjourned at 8:58 PM.

### **Open Session**

No members of the public were present.

### **Next Meeting Date: March 26, 2024 - 6:30 PM**

J. Samarco noted the date and time of the next meeting of the Authority. M. Brown noted that the meeting would be held at the Barn at Upland Farm to provide for public commentary on the Milford Farms, Meadow Creek and Eaglepointe capital projects.

### **Adjournment**

There being no further business to be brought before the Authority, J. Samarco made a motion to adjourn the meeting at 8:59 PM. J. Shipe seconded. It was so moved.

Respectfully submitted,

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

March 25, 2024  
11:36 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
03/08/24		BANKAMER BANK OF AMERICA	103.41	3111
03/26/24		AQUAP010 AQUA PA	615.62	3124
03/26/24		ARROC010 ARRO CONSULTING, INC.	19,353.46	3124
03/26/24		ATTMOBIL AT&T MOBILITY	109.55	3124
03/26/24		BUCKL010 BUCKLEY, BRION, MCGUIRE, MORRI	2,195.00	3124
03/26/24		CAPITOL CAPITOL HEATING AND AIR	33,575.00	3124
03/26/24		CHRISFRA CHRISTOPHER FRANTZ	315.00	3124
03/26/24		CLEANWAT CLEAN WATER, INC.	13,415.00	3124
03/26/24		COUNT010 COUNTRY ESTATE FENCE, INC.	1,552.00	3124
03/26/24		DELARIVE DELAWARE RIVER BASIN COMMISION	749.00	3124
03/26/24		EAGLHARD EAGLE HARDWARE	385.66	3124
03/26/24		KAPPEASS KAPPE ASSOCIATES, INC	1,882.00	3124
03/26/24		MCGOV020 MCGOVERN ENVIRONMENTAL, LLC	7,406.58	3124
03/26/24		MJREIDER M. J. REIDER ASSOCIATES, INC.	4,251.65	3124
03/26/24		PEC00010 PECO	27,333.41	3124
03/26/24		PENNS080 PENNSYLVANIA ONE CALL	106.87	3124
03/26/24		PRED0010 PREDOC	6,618.57	3124
03/26/24		SIRSP010 SIR SPEEDY	51.20	3124
03/26/24		USABL020 USA BLUE BOOK	173.75	3124
03/26/24		VERIZFIO VERIZON	1,277.63	3124
<hr/>				
<b>Report Totals</b>				
		<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
	Checks:	20	0	121,470.36
	Direct Deposit:	0	0	0.00
	Total:	<u>20</u>	<u>0</u>	<u>121,470.36</u>
				<u>Amount Void</u>
				0.00
				0.00
				0.00

Range of Checking Accts: MA MERIDIAN Report Type: All Checks			to MA MERIDIAN Report Format: Detail		Range of Check Ids: 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
24-00306	03/08/24	BANKAMER BANK OF AMERICA					3111
		1 ma-black texhide books	103.41		06-400-000-200 Admin Supplies	Expenditure	1 1
24-00414	03/26/24	AQUAP010 AQUA PA					3124
		1 658 collingwood terrace	61.13		06-409-000-037 Water	Expenditure	1 1
24-00414		2 1 prospect hill blvd	64.01		06-409-000-037 Water	Expenditure	2 1
24-00414		3 425 hemlock (eagle hunt)	61.13		06-409-000-037 Water	Expenditure	3 1
24-00414		4 439 prescott dr pmp station	20.97		06-409-000-037 Water	Expenditure	4 1
24-00414		5 308 flagstone rd	20.97		06-409-000-037 Water	Expenditure	5 1
24-00414		6 29 yarmouth lane	20.97		06-409-000-037 Water	Expenditure	6 1
24-00414		7 381 little conestoga rd	20.97		06-409-000-037 Water	Expenditure	7 1
24-00414		8 325 fellowship road	173.41		06-409-000-037 Water	Expenditure	8 1
24-00414		9 100 prescott dr unit a	20.97		06-409-000-037 Water	Expenditure	9 1
24-00414		10 241 fellowship road unit pump	20.97		06-409-000-037 Water	Expenditure	10 1
24-00414		11 1120 sunderland ave	20.97		06-409-000-037 Water	Expenditure	11 1
24-00414		12 meadowcreek lane	20.97		06-409-000-037 Water	Expenditure	12 1
24-00414		13 119 prescott drive	20.97		06-409-000-037 Water	Expenditure	13 1
24-00414		14 528 walter court	25.27		06-409-000-037 Water	Expenditure	14 1
24-00414		15 2680 primrose court	20.97		06-409-000-037 Water	Expenditure	15 1
24-00414		16 111 dorothy lane	20.97		06-409-000-037 Water	Expenditure	16 1
			615.62				
24-00417	03/26/24	ARROC010 ARRO CONSULTING, INC.					3124
		1 eaglepointe pretreatment facil	500.00		06-408-000-000 Engineering Fees	Expenditure	17 1
24-00417		2 february services	18,853.46		06-408-000-000 Engineering Fees	Expenditure	18 1
			19,353.46				
24-00418	03/26/24	ATTMOBIL AT&T MOBILITY					3124
		1 ma	109.55		06-409-000-032 Telephone	Expenditure	19 1

Check #	Check Date	Vendor	Amount Paid	Charge Account	Account Type	Reconciled/Void	Ref Num
PO #	Item	Description				Contract	Ref Seq
24-00419	1	BUCKL010 BUCKLEY, BRION, MCGUIRE, MORRI delinquent sewer collections	2,195.00	06-404-000-000 Legal Fees	Expenditure		3124 20 1
24-00420	1	CAPITOL HEATING AND AIR w indian spr - 230v heater (1)	1,975.00	06-420-000-025 Maintenance & Repair	Expenditure		3124 21 1
24-00420	2	sunderland - 480v heaters (2)	3,950.00	06-420-000-025 Maintenance & Repair	Expenditure		22 1
24-00420	3	byers rd- 480v heaters (3)	5,925.00	06-420-000-025 Maintenance & Repair	Expenditure		23 1
24-00420	4	dorian ct - 230v heaters (2)	3,950.00	06-420-000-025 Maintenance & Repair	Expenditure		24 1
24-00420	5	rt 100 - 480v heaters (6)	11,850.00	06-420-000-025 Maintenance & Repair	Expenditure		25 1
24-00420	6	prospect - 480v heaters (3)	5,925.00	06-420-000-025 Maintenance & Repair	Expenditure		26 1
			33,575.00				
24-00421	1	CHRISFRA CHRISTOPHER FRANTZ ma - february services	315.00	06-404-000-000 Legal Fees	Expenditure		3124 27 1
24-00422	1	CLEANWAT CLEAN WATER, INC. mnthly services/chap 94 report	13,415.00	06-420-000-045 Contracted Services	Expenditure		3124 28 1
24-00423	1	COUNT010 COUNTRY ESTATE FENCE, INC. walter court - splitrail	1,552.00	06-420-000-025 Maintenance & Repair	Expenditure		3124 29 1
24-00424	1	DELARIVE DELAWARE RIVER BASIN COMMISION discharge capacity	749.00	06-420-000-035 Permits	Expenditure		3124 30 1
24-00425	1	EAGLHARD EAGLE HARDWARE ma - padlocks (13)	372.27	06-409-000-052 Bldg Maint & Repair	Expenditure		3124 31 1
24-00425	2	ma - hardware	6.40	06-409-000-052 Bldg Maint & Repair	Expenditure		32 1
24-00425	3	ma - construction adhesive	6.99	06-409-000-052 Bldg Maint & Repair	Expenditure		33 1
			385.66				
24-00426	1	KAPPEASS KAPPE ASSOCIATES, INC regional-temp infl pump contro	1,882.00	06-420-000-025 Maintenance & Repair	Expenditure		3124 34 1
24-00428	1	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC rt100/fellowship	1,204.46	06-420-000-031 Pump & Haul	Expenditure		3124 44 1
24-00428	2	eaglepointe	185.30	06-420-000-031 Pump & Haul	Expenditure		45 1

Check #	Check Date	Vendor	Amount Paid			Charge Account	Account Type	Reconciled/Void	Ref Num
PO #	Item	Description	Amount	Paid	Contract	Ref Seq	Acct		
MCGOVERN ENVIRONMENTAL, LLC									
		Continued							
24-00428	3	eaglepointe		370.60	06-420-000-031	Pump & Haul	Expenditure	46	1
24-00428	4	lakeridge		1,042.32	06-420-000-031	Pump & Haul	Expenditure	47	1
24-00428	5	larkins bridge		1,724.93	06-420-000-031	Pump & Haul	Expenditure	48	1
24-00428	6	fellowship/windsor ridge		1,377.49	06-420-000-031	Pump & Haul	Expenditure	49	1
24-00428	7	byers station		1,501.48	06-420-000-031	Pump & Haul	Expenditure	50	1
				7,406.58					
03/26/24 MJREIDER M. J. REIDER ASSOCIATES, INC.									
24-00427	1	marsh harbour-effl grab		20.00	06-420-000-030	Testing	Expenditure	35	1
24-00427	2	saybrooke - composite		45.00	06-420-000-030	Testing	Expenditure	36	1
24-00427	3	st andrews brae-effl		87.50	06-420-000-030	Testing	Expenditure	37	1
24-00427	4	eaglepointe-grab		80.00	06-420-000-030	Testing	Expenditure	38	1
24-00427	5	eaglepointe-inf/effl/grab		166.25	06-420-000-030	Testing	Expenditure	39	1
24-00427	6	ewing wv-cleanwater		2,002.95	06-420-000-030	Testing	Expenditure	40	1
24-00427	7	marsh harbour-clean water		1,634.95	06-420-000-030	Testing	Expenditure	41	1
24-00427	8	st andrews brae-effl		132.50	06-420-000-030	Testing	Expenditure	42	1
24-00427	9	saybrooke-effl		82.50	06-420-000-030	Testing	Expenditure	43	1
				4,251.65					
03/26/24 PECO0010 PECO									
24-00434	1	304 fellowship rd		247.57	06-409-000-036	Electric	Expenditure	60	1
24-00434	2	2500 eagle farms rd		1,618.98	06-409-000-036	Electric	Expenditure	61	1
24-00434	3	seabury lane lot 12		78.56	06-409-000-036	Electric	Expenditure	62	1
24-00434	4	2679 primrose court		805.02	06-409-000-036	Electric	Expenditure	63	1
24-00434	5	314a prescott dr		595.07	06-409-000-036	Electric	Expenditure	64	1
24-00434	6	8 meadow creek lane		66.91	06-409-000-036	Electric	Expenditure	65	1
24-00434	7	301 pottstown pike		1,823.44	06-409-000-036	Electric	Expenditure	66	1
24-00434	8	milford road		295.93	06-409-000-036	Electric	Expenditure	67	1
24-00434	9	711 dorian rd		732.29	06-409-000-036	Electric	Expenditure	68	1

Check #	Check Date	Vendor	Amount Paid			Charge Account	Account Type	Reconciled/Void	Ref	Ref Num
PO #	Item	Description	Contract	Ref Seq	Acct					
PEC0		Continued								
24-00434	10	111 dorothy lane		374.52	06-409-000-036	Electric	Expenditure		69	1
24-00434	11	dorlan dr		2,426.51	06-409-000-036	Electric	Expenditure		70	1
24-00434	12	381 little conestoga		564.56	06-409-000-036	Electric	Expenditure		71	1
24-00434	13	milford rd wtp		70.56	06-409-000-036	Electric	Expenditure		72	1
24-00434	14	st andrews rd		95.08	06-409-000-036	Electric	Expenditure		73	1
24-00434	15	park road		2,176.51	06-409-000-036	Electric	Expenditure		74	1
24-00434	16	55 pottstown pike		943.54	06-409-000-036	Electric	Expenditure		75	1
24-00434	17	yarmouth lane		795.51	06-409-000-036	Electric	Expenditure		76	1
24-00434	18	sunderland ave		3,026.24	06-409-000-036	Electric	Expenditure		77	1
24-00434	19	kiloran wynd		300.43	06-409-000-036	Electric	Expenditure		78	1
24-00434	20	flagstone road		1,639.27	06-409-000-036	Electric	Expenditure		79	1
24-00434	21	yarmouth lane		88.53	06-409-000-036	Electric	Expenditure		80	1
24-00434	22	140 pottstown pike		258.22	06-409-000-036	Electric	Expenditure		81	1
24-00434	23	275 fellowship rd		6,614.34	06-409-000-036	Electric	Expenditure		82	1
24-00434	24	heron hill drive		119.54	06-409-000-036	Electric	Expenditure		83	1
24-00434	25	indian springs dr		104.41	06-409-000-036	Electric	Expenditure		84	1
24-00434	26	yarmouth lane pump 2		96.71	06-409-000-036	Electric	Expenditure		85	1
24-00434	27	hemlock lane		341.72	06-409-000-036	Electric	Expenditure		86	1
24-00434	28	fellowship road-prospect hill		1,033.44	06-409-000-036	Electric	Expenditure		87	1
				27,333.41						
03/26/24	PENNS080	PENNSYLVANIA ONE CALL								
24-00429	1	pa one call		106.87	06-420-000-329	PA One Call	Expenditure		3124 51	1
03/26/24	PRED0010	PREDOC								
24-00430	1	rt100 - supernatent pump		665.00	06-420-000-025	Maintenance & Repair	Expenditure		3124 52	1
24-00430	2	rt100 -short w/aerator control		2,411.25	06-420-000-025	Maintenance & Repair	Expenditure		53	1
24-00430	3	marsh harbour-short w/pump 1		730.00	06-420-000-025	Maintenance & Repair	Expenditure		54	1

March 25, 2024  
11:34 AM

Upper Uwchlan Township  
Check Register By Check ID

Page No: 5

Check #	Check Date	Vendor PO #	Item Description	Amount Paid	Charge Account	Reconciled/Void	Ref Num		
						Account Type	Contract	Ref Seq	Acct
PREDOC 24-00430	03/26/24	4	uu-air release valve/manhole	2,812.32	06-420-000-025 Maintenance & Repair	Expenditure		55	1
				6,618.57					
03/26/24 24-00431	SIRSP010	1	SIR SPEEDY ma-name plates-maas/shipe	51.20	06-400-000-200 Admin Supplies	Expenditure		3124 56	1
03/26/24 24-00432	USABL020	1	USA BLUE BOOK 3vx450 raw edge vbelt notched	173.75	06-420-000-022 Chemicals	Expenditure		3124 57	1
03/26/24 24-00433	VERIZFIO	1	VERIZON ma - fios	142.40	06-409-000-032 Telephone	Expenditure		3124 58	1
24-00433	ma - telephones	2		1,135.23	06-409-000-032 Telephone	Expenditure		59	1
				1,277.63					

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	20	0	121,470.36	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	20	0	121,470.36	0.00

March 25, 2024  
11:24 AM

Upper Uwchlan Township  
Check Register By Check Id

Page No: 1

Range of Checking Accts: MA CAP  
Report Type: All Checks

to MA CAP

Range of Check Ids:  
Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
	03/26/24	ARROC010 ARRO CONSULTING, INC.	2,581.50		3123
	03/26/24	HIGHW010 HIGHWAY MATERIALS, INC.	136,933.21		3123
Report Totals					
			<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
		Checks:	2	0	139,514.71
		Direct Deposit:	0	0	0.00
		Total:	<u>2</u>	<u>0</u>	<u>139,514.71</u>
					<u>Amount Void</u>
					0.00
					0.00
					0.00

March 25, 2024  
11:21 AM

Upper Uwchlan Township  
Check Payment Batch Verification Listing

Page No: 1

Batch Id: BABMAAS Batch Type: C Batch Date: 03/26/24 Checking Account: MA CAP G/L Credit: Expenditure G/L Credit  
Generate Direct Deposit: N

Check No.	Check Date	Vendor #	Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct Description
PO #	Enc Date	Item Description								
	03/26/24	ARROC010	ARRO CONSULTING, INC.		108 WEST AIRPORT ROAD					
24-00416	03/26/24	1	byers road sanitary sewer	441.00	07-483-000-130	Expenditure	Aprv	2	1	Capital Construction - Byers Road
24-00416	03/26/24	2	milford farms extension	445.50	07-483-000-100	Expenditure	Aprv	3	1	Capital Construction - Milford Farms
24-00416	03/26/24	3	meadow creek to greenridge	1,695.00	07-483-000-110	Expenditure	Aprv	4	1	Capital Construction - Meadow Creek
				2,581.50						
	03/26/24	HIGHW010	HIGHWAY MATERIALS, INC.		PO BOX 62879					
24-00415	03/26/24	1	byers rd sewer extension app 4	136,933.21	07-483-000-130	Expenditure	Aprv	1	1	Capital Construction - Byers Road
				136,933.21						

Checks:	Count	Line Items	Amount
	2	4	139,514.71

There are NO errors or warnings in this listing.

**Upper Uwchlan Township Municipal Authority**  
**Balance Sheet**  
**February 29, 2024**

**ASSETS**

	<u>Cash</u>	
06-100-000-010	General Checking - Fulton Bank	\$ 133,509.60
06-100-000-015	General Checking - Meridian Bank	1,273,730.29
06-100-000-020	General Checking - WIPP	903,680.25
06-106-000-002	Connection Fee Account	1,541,376.92
06-110-000-100	Fulton Bank Bond Proceeds - ICS	-
06-110-000-200	Fulton Bank Bond Proceeds - MMAA	-
	<b>Total Cash</b>	<b>3,852,297.06</b>
	<u>PSDLAF Investments:</u>	
06-109-000-003	CD Program	-
06-109-000-004	Full Flex	<u>188.21</u>
		<b>188.21</b>
	<b>Total Investments</b>	<b>188.21</b>
	<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	<u>546.00</u>
	<b>Total Accounts Receivable</b>	<b>290,595.70</b>
	<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	875.00
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	-
06-130-000-007	Due from Developer's Escrow	13,658.07
06-152-000-000	Undeposited Funds	-
06-155-000-000	Pre-Paid Expenses	-
06-155-000-010	Pre-Paid Attorney Fees	-
	<b>Total Other Current Assets</b>	<b>35,912.55</b>
	<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)	<u>-</u>
	<b>Total Fixed Assets</b>	<b>-</b>
	<u>Other Long Term Assets</u>	
06-162-000-002	Excess Treatment Capacity	<u>-</u>
	<b>Total Other Long Term Assets</b>	<b>-</b>
	<b>Total Assets</b>	<b>\$ 4,178,993.52</b>

**Upper Uwchlan Township Municipal Authority**  
**Balance Sheet**  
**February 29, 2024**

**LIABILITIES AND FUND BALANCE**

<u>Current Liabilities</u>		
06-200-000-020	Accounts Payable	-
06-230-000-010	Due to UUT General Fund	60,125.71
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	150,325.99
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	19,353.46
06-241-000-100	Retainage on Phase II Construction Project	-
06-245-000-000	Due to Customers	275.00
	<b>Total Current Liabilities</b>	<b>229,920.16</b>
<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)	299,738.96
	<b>Total Equity</b>	<b>3,949,073.36</b>
	Total Fund Balance	3,949,073.36
	<b>Total Liabilities &amp; Fund Balance</b>	<b>\$ 4,178,993.52</b>

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

For the Period Ended February 29, 2024

	Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>(unaudited)</i>	Budget 2023
<b>REVENUES</b>					
06-340-000-000 Interest Income	\$ 13,794.21	\$ 70,000.00	19.7%	\$ 77,897.45	\$ 2,500.00
06-365-000-000 Usage Fees Residential	562,060.77	2,700,000.00	20.8%	2,490,988.86	2,450,000.00
06-365-000-001 Usage Fees Commercial	16,739.20	100,000.00	16.7%	94,382.05	100,000.00
06-365-000-010 Connection Fees	-	20,000.00	0.0%	437.50	350,000.00
06-365-000-015 Sewer - resident refunds	-	-	#DIV/0!	(100.00)	-
06-365-000-020 Connection Fees - Byers Road	2,512.50	-	#DIV/0!	32,550.00	80,000.00
06-354-000-020 Grant revenue - State	-	-	#DIV/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	-	-	#DIV/0!	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	#DIV/0!	-	-
<b>TOTAL REVENUES</b>	<b>\$ 595,106.68</b>	<b>\$ 2,891,000.00</b>	<b>20.6%</b>	<b>\$ 3,160,151.86</b>	<b>\$ 3,508,500.00</b>
<b>EXPENDITURES</b>					
<u>General:</u>					
06-400-000-001 Administration - UUT	46,770.34	290,000.00	16.1%	276,736.81	270,688.00
06-400-000-002 Authority Adminstrative Expense - ARRO	-	-	#DIV/0!	-	10,000.00
06-400-000-004 Authority Administrator - MB	12,973.37	150,000.00	8.6%	90,292.81	110,000.00
06-400-000-003 Professional Fees	-	5,000.00	0.0%	-	5,000.00
06-400-000-200 Admin Supplies	24.57	1,000.00	2.5%	-	1,000.00
06-400-000-341 Advertising	-	3,000.00	0.0%	-	3,000.00
06-400-000-352 Insurance - Liability	1,519.20	6,077.00	25.0%	5,979.10	5,979.00
06-400-000-355 Bank Fees	380.77	2,000.00	19.0%	2,192.21	1,000.00
06-402-000-450 Audit Fees	-	7,500.00	0.0%	6,700.00	7,500.00
06-404-000-000 Legal Fees	410.00	25,000.00	1.6%	21,907.07	25,000.00
06-406-000-100 Utility Billing Costs	503.15	10,000.00	5.0%	8,094.86	10,000.00
06-406-000-200 Utility Billing Postage	1,856.61	5,000.00	37.1%	5,505.81	5,500.00
06-408-000-000 Engineering Fees	37,344.31	150,000.00	24.9%	144,908.06	100,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	#DIV/0!	504.50	-
	101,782.32	654,577.00	15.5%	562,821.23	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	2,780.37	17,500.00	15.9%	16,432.96	17,500.00
06-409-000-035 Insurance	7,112.50	28,450.00	25.0%	18,311.70	18,312.00
06-409-000-036 Electric	39,777.70	200,000.00	19.9%	189,678.53	250,000.00
06-409-000-037 Water	836.49	20,000.00	4.2%	15,184.88	20,000.00
06-409-000-052 Bldg Maint & Repair	997.89	5,000.00	20.0%	1,662.43	10,000.00
06-409-000-260 Building Supplies & Small Tools	-	5,000.00	0.0%	1,349.13	15,000.00
06-409-000-427 Waste Disposal	-	-	#DIV/0!	-	-
	51,504.95	280,950.00	18.3%	242,619.63	335,812.00
<u>Operations:</u>					
06-420-000-020 Supplies	-	20,000.00	0.0%	13,335.42	30,000.00
06-420-000-022 Chemicals	986.03	10,000.00	9.9%	7,008.16	15,000.00
06-420-000-023 Propane and Fuel Oil	-	10,000.00	0.0%	933.46	10,000.00
06-420-000-025 Maintenance & Repair	44,932.30	150,000.00	30.0%	174,986.81	150,000.00
06-420-000-030 Testing	15,419.45	35,000.00	44.1%	35,955.15	50,000.00
06-420-000-031 Pump & Haul	48,094.25	100,000.00	48.1%	112,052.50	90,000.00
06-420-000-032 Vegetation Management	-	15,000.00	0.0%	19,893.39	15,000.00
06-420-000-035 Permits	200.00	15,000.00	1.3%	10,839.77	25,000.00
06-420-000-042 Dues and Memberships	-	2,500.00	0.0%	-	1,000.00
06-420-000-045 Contracted Services	31,866.73	175,000.00	18.2%	206,766.76	175,000.00
06-420-000-048 Misc expenses	-	10,000.00	0.0%	780.90	10,000.00
06-420-000-230 Gas and oil	236.20	-	#DIV/0!	-	-
06-420-000-235 Vehicle Maintenance	125.80	2,000.00	6.3%	-	2,000.00
06-420-000-329 PA One Call	219.69	2,500.00	8.8%	898.81	2,500.00
	142,080.45	547,000.00	26.0%	583,451.13	575,500.00

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

**For the Period Ended February 29, 2024**  
*(Continued)*

		Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>(Unaudited)</i>	Budget 2023
	<b><u>Capital:</u></b>					
06-483-000-000	Capital Repair	-	-	#DIV/0!	-	50,000.00
06-483-000-100	Capital Construction	-	-	#DIV/0!	-	-
06-493-000-083	Depreciation	-	-	#DIV/0!	-	-
		-	-	#DIV/0!	-	50,000.00
	<b>Total Expenditures before Operations Agreement and Transfers</b>	<b>\$ 295,367.72</b>	<b>\$ 1,482,527.00</b>	<b>19.9%</b>	<b>\$ 1,388,891.99</b>	<b>\$ 1,515,979.00</b>
	<b>Net Income before Operations Agreement and Transfers</b>	<b>\$ 299,738.96</b>	<b>\$ 1,408,473.00</b>	<b>21.3%</b>	<b>1,771,259.87</b>	<b>1,992,521.00</b>
	<b><u>Other:</u></b>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	-	0.0%	-	-
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	-	239,344.00	0.0%	234,943.50	235,244.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	-	334,475.00	0.0%	332,515.13	332,700.00
		-	573,819.00	0.0%	567,458.63	567,944.00
	<b>Transfer to Sewer Fund</b>	-	-	#DIV/0!	-	-
06-492-000-020	Transfer to Water Resource Protection Fund	-	-	#DIV/0!	-	-
06-492-000-030	Transfer to UUT Capital Fund	-	-	#DIV/0!	-	-
06-492-000-040	Transfer to MA Capital Fund	-	-	#DIV/0!	-	-
		-	-	#DIV/0!	-	-
	<b>TOTAL EXPENDITURES</b>	<b>\$ 295,367.72</b>	<b>\$ 2,056,346.00</b>	<b>14.4%</b>	<b>\$ 1,956,350.62</b>	<b>\$ 2,083,923.00</b>
	<b>OPERATING INCOME</b>	<b>\$ 299,738.96</b>	<b>\$ 834,654.00</b>	<b>35.9%</b>	<b>\$ 1,203,801.24</b>	<b>\$ 1,424,577.00</b>

**Upper Uwchlan Township Municipal Authority**  
**Capital Fund**  
**Balance Sheet**  
**As of February 29, 2024**

**ASSETS**

	<u>Cash</u>	
07-100-000-010	General Checking - Fulton Bank	\$ 24,334.55
07-110-000-200	Fulton Bank - Bond Proceeds	<u>4,918,868.01</u>
	<b>Total Cash</b>	<b><u>4,943,202.56</u></b>
	<u>Other Current Assets</u>	
07-130-000-001	Due from MA Operating Fund	-
07-130-000-002	Due from UUT General Fund	5,850.00
07-155-000-000	Pre-Paid Expenses	-
	<b>Total Other Current Assets</b>	<b><u>5,850.00</u></b>
	<u>Fixed Assets</u>	
06-162-000-001	Fixed Assets	2,582,208.67
06-162-000-050	Accumulated Depreciation	(1,386,995.94)
06-163-000-100	Phase II Construction Project (CIP)	-
	<b>Total Fixed Assets</b>	<b><u>1,195,212.73</u></b>
	<u>Other Long Term Assets</u>	
06-162-000-002	Excess Treatment Capacity	<u>1,649,293.24</u>
	<b>Total Other Long Term Assets</b>	<b><u>1,649,293.24</u></b>
	<b>Total Assets</b>	<b>\$ 7,793,558.53</b>

**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	15,100.00
07-232-000-700	Due to UUT Sewer Fund	5,205,556.07
07-240-000-000	Accrued Expenses	1,806.50
	<b>Total Current Liabilities</b>	<b><u>5,243,842.05</u></b>
	<u>Equity</u>	
07-272-000-001	Retained Earnings	2,563,702.03
	Current Period Net Income (Loss)	(13,985.55)
	<b>Total Equity</b>	<b><u>2,549,716.48</u></b>
	Total Fund Balance	2,549,716.48
	<b>Total Liabilities &amp; Fund Balance</b>	<b>\$ 7,793,558.53</b>

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

For the Period Ended February 29, 2024

		Actual 2024 YTD	Budget 2024	% of Budget	Actual 2023 <i>(unaudited)</i>	Budget 2023
<b>REVENUES</b>						
07-340-000-000	Interest Income	\$ 12,747.95	\$ 60,000.00	21.2%	\$ 69,767.61	\$ 10,000.00
07-341-000-030	Grants - Misc	\$ 5,850.00	-	#DIV/0!	-	-
07-395-000-100	Transfer from MA Operating Fund	-	-	#DIV/0!	-	-
<b>TOTAL REVENUES</b>		<b>\$ 18,597.95</b>	<b>\$ 60,000.00</b>	<b>31.0%</b>	<b>\$ 69,767.61</b>	<b>\$ 10,000.00</b>
<b>EXPENDITURES</b>						
<u>General:</u>						
07-400-000-355	Bank Fees	50.00	1,000.00	5.0%	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
		-	#DIV/0!	-	-	-
		50.00	123,000.00	0.0%	300.00	123,000.00
<u>Capital Construction</u>						
07-483-000-000	Capital Repair	-	#DIV/0!	-	35,000.00	-
07-483-000-100	Capital Construction - Milford Farms	4,291.00	700,000.00	0.6%	1,983.50	700,000.00
07-483-000-110	Capital Construction - Meadow Creek	(1,657.50)	750,000.00	-0.2%	8,284.97	800,000.00
07-483-000-115	Capital Construction - Reserve at Eagle	-	#DIV/0!	2,150.00	-	-
07-483-000-120	Capital Construction - Eaglepointe	-	#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	-	785,000.00	0.0%	8,973.80	150,000.00
07-483-000-140	Capital Construction - Route 100	-	52,460.00	0.0%	-	441,000.00
07-483-000-150	Capital Construction - Marsh Harbour	-	12,300.00	0.0%	48,329.43	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	-	#DIV/0!	34,560.00	-	-
07-493-000-083	Depreciation	-	#DIV/0!	-	-	-
		-	#DIV/0!	-	-	-
		32,533.50	2,309,760.00	1.4%	141,351.70	2,678,200.00
<b>TOTAL EXPENDITURES</b>		<b>\$ 32,583.50</b>	<b>\$ 2,432,760.00</b>	<b>1.3%</b>	<b>\$ 141,651.70</b>	<b>\$ 2,801,200.00</b>
<b>OPERATING INCOME</b>		<b>\$ (13,985.55)</b>	<b>\$ (2,372,760.00)</b>	<b>0.6%</b>	<b>\$ (71,884.09)</b>	<b>\$ (2,791,200.00)</b>

**Upper Uwchlan Township Municipal Authority**  
**Sewer Billings**

*Month to Month Change in Receivables and Collections*

	February 2024	January 2024	Change
Beginning Receivable Balance	325,155.56	325,155.56	-
<u>Billings:</u>			
Calculated charges billed	642,646.90	619,671.70	22,975.20
Billing adjustments	3,160.44	(121.94)	3,282.38
Late payment penalty			-
Adjustments			-
	970,962.90	944,705.32	26,257.58
<u>Less:</u>			
<b>Collections*</b>	<b>581,312.47</b>	<b>187,850.94</b>	<b>(393,461.53)</b>
<b>Receivable balance, month end</b>	<b>389,650.43</b>	<b>756,854.38</b>	<b>(367,203.95)</b>

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)

	<b>2/28/2023</b>	<b>2/29/2024</b>	<b>1/31/2024</b>	<b>12/31/2023</b>	<b>11/30/2023</b>	<b>10/31/2023</b>
Number of delinquent accounts		182	269	169	211	226
Total delinquent balance	\$ 206,482	\$ 228,356	\$ 164,599	\$ 190,218	\$ 203,666	\$ 127,963

**2023 Payment Schedule****Bills Mailed****Payment Due**

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

March 22, 2024

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

RE: Report for the March 2024 meeting

Dear Authority,

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

## **Route 100**

Weather did impact spray events. Predoc, along with Public Works repaired the force main issue previously mentioned at 95 Milford. Indeed there was a small fitting in place that had a small hole drilled thru it. Never saw anything like it. May have been used for a pressure gauge to test during start up. Hopefully the others are not like this. The start up crew from Aqua Aerobics will be on site for start up and testing of phase 3 equipment next week. The panel conversion of the RTU went as smooth as could be expected. MGK and Kappe got the new effluent turbine pumps operational. Work also continues at the Fetters /Upland site.

## **Eaglepointe**

Plant is running ok. We continue to deal with heavy organic loads into the plant. This requires additional hauling and wasting to combat.

## **Marsh Harbour**

Plant is running well. We spray as conditions allow. Lagoon levels are fine.

## **Lakeridge**

Plant is running well. The VFD we installed a while back is beginning to work as intended in reducing foam in the SBR. Have long thought the 25 hp motor was creating too much agitation. The VFD allows me to slow down.

**Saybrooke**

Plant is running just fine. We swapped out an equalization pump that was bad.

**Greenridge**

Drip continues. I added the seasonal aqua shade for algae control.

**St. Andrews**

Plant is running fine. Sludge was removed. No additional operational issues were noted

**Additional Information**

I expect the soil testing for the crop reports will be done shortly.

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

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## MEMORANDUM

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TO: Upper Uwchlan Township Municipal Authority

FROM: Karl Schmit, P.E.

RE: Project Status Report

PROJECT NO.: 17000.00

DATE: March 21, 2024

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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**

**Byers Station:** A TreeVital grant was obtained, and a landscaper was engaged to plant trees and shrubs along Spray Areas #2 and #3. Work was completed in September 2023.

**Village at Byers Station (5C), Lot #2, Residential (2A), (a.k.a. Enclave at Chester Springs):** Sanitary sewer construction started on January 26, 2021. Sanitary sewer construction continues. Toll Brothers submitted sewer escrow release request No. 1 in the amount of \$119,330.00. ARRO reviewed the quantities and prepared an April 12, 2021, letter to the Township recommending release of the requested amount. All sanitary sewers are installed, but not been completely tested. Sanitary sewer manholes installed as part of Lot #1, but within Lot #2, remain to be vacuum tested now that paving has been placed around their manhole frames. Installation of the gravity house service line to each new townhome started in May 2021. Through November 4, 2021, fourteen house service lines have been installed and tested. Installation of the last gravity house service line to each new home was completed on November 7, 2022. On April 4, 2023, Toll Brothers submitted to ARRO the Enclave at Chester Springs sanitary sewer record drawings for review and comment. ARRO has started its review of the drawings. ARRO completed its review of the Enclave at Chester Springs record drawings and on June 21, 2023, returned comments to Toll Brothers. Toll Brothers submitted revised Enclave at Chester Springs record drawings. On July 18, 2023, ARRO returned the revised drawings to Toll with additional comments. Toll Brothers submitted a Maintenance Bond in the amount of \$22,109.40, the amount of which ARRO previously reviewed and approved.

Toll Brothers submitted another revised Enclave at Chester Springs record drawings set. On August 15, 2023, ARRO returned additional comments to the drawings. Toll revised the drawings and transmitted them back to ARRO on August 16, 2023. ARRO approved the drawings.

Toll Brothers' counsel submitted to the Authority counsel and ARRO the Grant of Sewer Easements and Maintenance Security Agreement and Bond on August 3, 2023. ARRO reviewed the documents and transmitted comments to Toll Brothers' counsel on August 16, 2023.

Nothing new to report.

**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.

Nothing new to report.

**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.

Submission of record drawings remain to be completed.

#### **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 quaternary ammonia disinfectants and cleaning products that are believed to have upset the treatment plant process. January 2024-Contacted Property Owner of the Acme store 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 Market property. Discussed upcoming forcemain project, including path and use.

ACTION ITEMS: CONCLUDE EASEMENT WITH ACME, INITIATE CONSTRUCTION IN 2024.

**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 for 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 They are now interested in using low pressure force main service their property. They are seeking use of low pressure grinder pumps rather than gravity. They're suggesting three (3) grinder

pumps for their site, which may be excessive. Originally, we suggested a duplex grinder pump to service all three buildings.

**ACTION ITEM: CONSTRUCTION OBSERVATION OF SEWER LINE ONCE WORK IS INITIATED**

**Ewing Tract**

Nothing new to report.

**Fetter 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's 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's 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's 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's 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's 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's 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. Initial start up activities to begin last week of March.

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

ACTION ITEMS: DRIP FIELD START UP BEFORE JULY 1, 2024.

### **Greenridge**

**Greenridge WWTP, WQM Renewal Permit:** ARRO has started preparing the 5-Year Comprehensive Groundwater Monitoring report for inclusion with the WQM permit renewal application being prepared by Clean Water, Inc. ARRO completed the 5-Year Comprehensive Groundwater Monitoring report and submitted it to Clean Water to insert in the WQM permit renewal application. ARRO inquired of Clean Water about the WQM permit renewal application and was told Clean Water is waiting for the \$5000 permit renewal application fee check from Upper Uwchlan and Clean Water will definitely submit the application before the August 28, 2022 due date.

Nothing new to report.

**Open Community Adaptive Reuse Development (OCARD):** On April 25, 2019 ARRO conducted a pre-construction meeting for the Open Community project. The Developer will attempt to use the existing lateral connection installed during the original Greenridge sanitary sewer installation work done in 2005. The Developer excavated a test hole at the existing Greenridge subdivision lateral connection. ARRO was informed by the Developer that elevations were taken and submitted to Boucher & James. The lateral will be used. New plans for connection to the existing lateral will be prepared and submitted to the Authority and ARRO for review. ARRO sent a September 17, 2019 email to the Developer requesting a project update for the sanitary sewer portion of the Open Community Adaptive Reuse Project. On October 15, 2019 ARRO received an email from the Developer with a project update stating bids have been awarded for the sanitary sewer portion of the Open Community Adaptive Reuse Project. Developer also indicated construction is tentatively scheduled for mid-December 2019. ARRO reviewed the latest sanitary sewer connection plan drawings, dated December 19, 2019. ARRO also reviewed some project sanitary sewer shop

drawings. On January 16, 2020 ARRO submitted to the Developer comments to both items. ARRO is reviewing the latest revision to the OCARD land development plans, dated February 14, 2020, and additional shop drawings. ARRO completed reviewing the latest revision to the OCARD land development plans, dated February 14, 2020. ARRO sent an April 2, 2020 email to the Developer's engineer stating it had no further comments to the plans. By letter dated June 15, 2020 the Developer's engineer submitted final sanitary sewer system drawings. Construction of the onsite sewer piping started the week of June 15, 2020. ARRO prepared a June 19, 2020 letter accepting the final sanitary sewer design. The developer sent a July 21, 2020 email to ARRO stating they have submitted building construction permit applications for Greenridge Hall units and are awaiting permit issuance before continuing sanitary sewer installation. The email also said sanitary tanks and treatment units have been ordered. On August 19, 2020 ARRO requested the developer submit an updated project construction schedule. On September 16, 2020 ARRO again requested the developer submit an updated project construction schedule. On September 17, 2020 ARRO received an email from the Developer's counsel in reply to the ARRO request for a construction schedule. Counsel wrote it would discuss the matter with the Developer and one would return a response, which has yet to be received as of August 17, 2022. On September 7, 2022 ARRO received an email from the Developer that sanitary sewer construction has resumed. On February 17, 2023, the Developer sent an email to the Authority Administrator with start-up certification documentations for the three EcoFlo pre-treatment units. ARRO is endeavoring to schedule an onsite training session for the units with the manufacturer's representative. On March 16, 2023, an onsite training session for the units with the manufacturer's representative was held for Clean Water and ARRO. After the meeting, ARRO conveyed comments on the system installation provided by the manufacturer's representative to the Developer and the Developer's Engineer. The Developer made corrections to the treatment system that were accepted by ARRO on April 12, 2023. The Authority responded to questions from the Developer on matters pertaining to permitted flows.

**Meadow Creek Sewer Extension to Greenridge WWTP:** 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 initial survey for the sewer extension and is evaluating the proposal. ARRO reviewed the surveyor proposal to prepare 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.

Nothing new to report.

ACTION ITEM: INITIATE CONSTRUCT SEWER EXTENSION IN 2024.

**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: renewal to the WQM was provided to DEP, including a 5-year Comprehensive Groundwater Evaluation Report.

Nothing new to report.

ACTION ITEM: EVALUATE I & I.

**Marsh Harbour**

On June 16, 2023, the HOA reported to the Authority Administrator that the owner of a property adjacent to the WWTP brought to the HOA's attention a significant stormwater overflow from a catch basin on the WWTP property, with the overflows occurring with increased frequency. ARRO conducted a site inspection and is researching the development's and WWTP's design drawings.

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. All of the new upgrade equipment is now in service.

Nothing new to report.

**Route 100 WWTP**

ARRO prepared the Delaware River Basin Commission (DRBC) permit renewal application, which includes the Route 100 Regional WWTP Phase III Upgrade. A \$15,176 Project Review Fee is required

by DRBC. On December 2, 2022, ARRO submitted to the Delaware River Basin Commission (DRBC) the permit renewal application, which includes the Route 100 Regional WWTP Phase III Upgrade. Delaware River Basin Commission (DRBC) sent a December 28, 2022 Notice of Applications Received that included the Route 100 Regional WWTP Phase III Upgrade permit renewal application. ARRO continues preparing the 2022 Route 100 Regional WWTP Chapter 94 report. ARRO completed preparation of the 2022 Route 100 Regional WWTP Chapter 94 report, which was submitted to PADEP on March 30, 2023. DRBC issued Docket D-2000-055 CP-5, dated June 7, 2023, with an expiration date of June 30, 2026. ARRO questioned the expiration year to DRBC and DRBC responded the year is an error and will reissue the docket with the correct expiration date. ARRO completed preparation of the draft 2023 Route 100 Regional WWTP annual groundwater monitoring report, which is under review.

DRBC responded to ARRO's question regarding Docket D-2000-055 CP-5's expiration date of June 30, 2026 by stating that the expiration aligns with the expiration date of the PADEP WQM permit.

ARRO provided modification to the Plant/Disposal Fields in order to extend the Route 100 WQM dates and allow PADEP to revert the eDMR GreenPort parameters back to the existing operations permit conditions.

ARRO completed preparation of the 2023 Route 100 Regional WWTP annual groundwater monitoring report and submitted it to PADEP on July 28, 2023.

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 public 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.

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.

### **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, 2020 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 3<sup>rd</sup> and 4<sup>th</sup> 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.

Continuing to coordinate design of controls and control panel installation for operations along with Fetter Drip Field work.

ACTION ITEMS: INITIATE START-UP OF NEW SBR IN MARCH 2024.

#### **Saybrooke**

ARRO started preparation of the annual groundwater monitoring report. ARRO submitted the annual groundwater monitoring report on May 31, 2023.

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**

**Active Adult Community, 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.

Nothing new to report.

**Village of Eagle**

**Byers Road Sanitary Sewer Extension** - ARRO has started preparing a sanitary sewer grant application under the Pennsylvania Department of Community & Economic Development (DCED) H2O PA grant program for the Byers Road Sanitary Sewer Extension project. By letter dated November 7, 2019 PADEP issued Byers Road Sanitary Sewer Extension SFPM approval. ARRO is continuing to prepare and will submit a sanitary sewer grant application under the DCED H2O PA grant program for the Byers Road Sanitary Sewer Extension project. The Byers Road grant application was submitted on December 12, 2019. Action on the application is not expected until May or June 2020. ARRO received a June 12, 2020 email from DCED that the grant application will not be reviewed until September 2020; however, they wanted a timeline for the project after September,

which ARRO prepared and submitted. ARRO prepared a PennDOT HOP permit extension for the project. 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. DCED awarded a \$463,000 grant for the Byers Road Sanitary Sewer Extension project. 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 in communication with DCED regarding proceeding to the bid phase of the project. The DCED grant agreement has been signed. ARRO contacted DCED and they have no issues with bidding the Route 100 sewer crossing as an alternate. Project bid advertising is tentatively set for December 2020 with a January 2021 bid opening. The Byers Road Sanitary Sewer Extension project was first advertised on December 14, 2020 with a second advertisement set for December 21, 2020. A pre-bid meeting is scheduled for January 5, 2021 and bids are due January 15, 2021. Six bids for the Byers Road Sanitary Sewer Extension project were submitted on January 15, 2021. The apparent low bidder is Highway Materials, Inc. with a Total Extended bid of \$637,504.30, which includes the cost of the Alternate "A" - Sewer Extension Across Route 100. ARRO is in the process of reviewing the bids. As DCED grant funding is involved approvals are subject to DCED concurrent approval. The notice of intent to award and other contract documents have been sent to Highway Materials for execution. ARRO is awaiting return of the executed documents along with bonds and insurance. ARRO reviewed and approved the bonds and insurance documents submitted by the contractor. ARRO recommends the Authority execute the Agreement, after which ARRO will schedule the project preconstruction meeting. ARRO reviewed a land development plan for 164 Byers Road, which specifies a connection to the Byers Road Sanitary Sewer Extension, but will set up Pump & Haul until the sewer extension is complete. By letter dated April 19, 2021 ARRO issued the Notice to Proceed to Highway Materials. Start of Contract Time will be May 12, 2021 with the project to be substantially completed by September 9, 2021. ARRO will schedule the project preconstruction meeting in early May 2021. On May 13, 2021, ARRO conducted the project preconstruction meeting with Highway Materials. Highway Materials has started to submit its shop drawings to ARRO for review and approval. ARRO prepared a letter informing affected property owners of the upcoming work. ARRO also prepared a letter informing affected property owners of a stake placed in each yard identifying the design location of the property lateral and stating the stake may be relocated by the property owner if desired. Construction is anticipated to start on July 2021. On August 10, 2021, Highway Materials indicated to ARRO that it is having issues obtaining SDR-35 PVC pipe for the project, which is currently in limited supply and its cost has risen substantially. Highway Materials asked if the Authority would accept a not-to-exceed \$7500 change order as half of the increased pipe costs. If the change order is acceptable, they could obtain pipe and start construction in early September 2021. Highway Materials initiated construction the week of September 7th. Much of the trench saw-cutting has been completed and Highway Materials is currently installing sewer and manholes in the area of Eagle Farms Road. Highway Materials has completed approximately 75 percent of the sewer within Eagle Farms Road. Portions of the existing 42-inch CMP storm sewer pipe within Eagle Farms Road needed to be exposed for the sanitary sewer main installation; however, the pipe was so badly deteriorated it could not be safely supported during the sanitary sewer main installation, nor could the pipe be removed and replaced after sewer main installation due to its condition. Replacement of the existing 42-inch CMP with 36-inch RCP is proposed. The 36-inch RCP will allow similar flow capacity to the 42-inch CMP and will permit reuse of the existing storm sewer precast concrete structures. The additional cost for replacing 256 LF of storm sewer pipe is \$117,604 or \$459.39/LF. ARRO anticipates this cost will be eligible for 50% funding reimbursement and intends to submit the cost to DCED at the appropriate time. ARRO recommends a change order be granted for the storm sewer work. Additionally, ARRO recommends approving a time extension to late November for substantial completion, with final paving likely delayed until Spring 2022. A detour plan was required by PennDOT for the work east of Graphite Mine Road. ARRO prepared the detour plan and submitted it to PennDOT. PennDOT approved the plan and Highway Materials restarted sanitary sewer installation in Byers Road on November 15, 2021. Highway Materials has completed the installation of all sanitary sewer main and laterals in Byers Road and Eagle Farms Road. Testing of the sanitary

sewer along with final paving and restoration remains to be completed. ARRO has prepared a draft letter that will be sent to all property owners advising them of the tentative schedule of remaining work and when they can start to connect to the sanitary sewer system. A copy of the draft letter is attached to this report for the Authority's review and comment. Highway Materials has completed testing of the sanitary sewer. Final manhole vacuum testing along with final paving and restoration will begin in late March 2022. Final manhole vacuum testing along with final paving and restoration will begin in May 2022. Final paving and restoration were completed. Testing of all manholes remains to be completed along with manhole PVC lining and some other punchlist items. No current application for payment has been submitted. A change order needs to be prepared and certified payrolls need to be submitted by the contractor. ARRO prepared and submitted to the Authority Administrator capacity requirements for the future connected properties. ARRO submitted a July 21, 2022 letter to the Authority recommending payment to Highway Materials for the \$327,711 Application for Payment No. 3. On September 8, 2022, a letter was sent to each property where a new sewer lateral was placed directing the property owner to connect to the sanitary sewer system. Property owners have already started to pull permits for their respective work. At the Authority Administrator's direction, ARRO prepared a draft letter to be sent to the four property owners who have not paid their Facilities Fee by the December 31, 2022 deadline ordering them to pay the fee or face enforcement actions specified under Chapter 141 of the Upper Uwchlan Township Code. House service line installations started on September 28, 2022. ARRO is assisting property owners and their plumbers with installation information, as required. The Authority Administrator directed ARRO to prepare letters to four property owners who did not pay their Facilities Fee by the required December 31, 2022 deadline. Each letter required the property owners to pay the Facilities Fee within 30 days of the letter or face fines and penalties specified under Chapter 141 of the Upper Uwchlan Township Code. ARRO received on May 15, 2023 the sanitary sewer "as-built survey" drawings from the contractor for review. The Pennsylvania Department of Community & Economic Development H2O PA \$463,000 grant program check remittance for the Byers Road Sanitary Sewer Extension project was received by the Township on July 17, 2023.

Nothing new to report.

**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.

Bid Documents being completed in preparation of Bid.

ACTION ITEM: INITIATE CONSTRUCT SEWER EXTENSION IN 2024.

**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 waste water disposal with an initial site walk on August 31, 2023.

Nothing new to report.

ACTION ITEM: AWAIT CONCLUSION OF PURCHASE NEGOTIATIONS.

**Eagleview Development** - conditional use review for Lot 6 provided to applicant via email on 12/7/23.

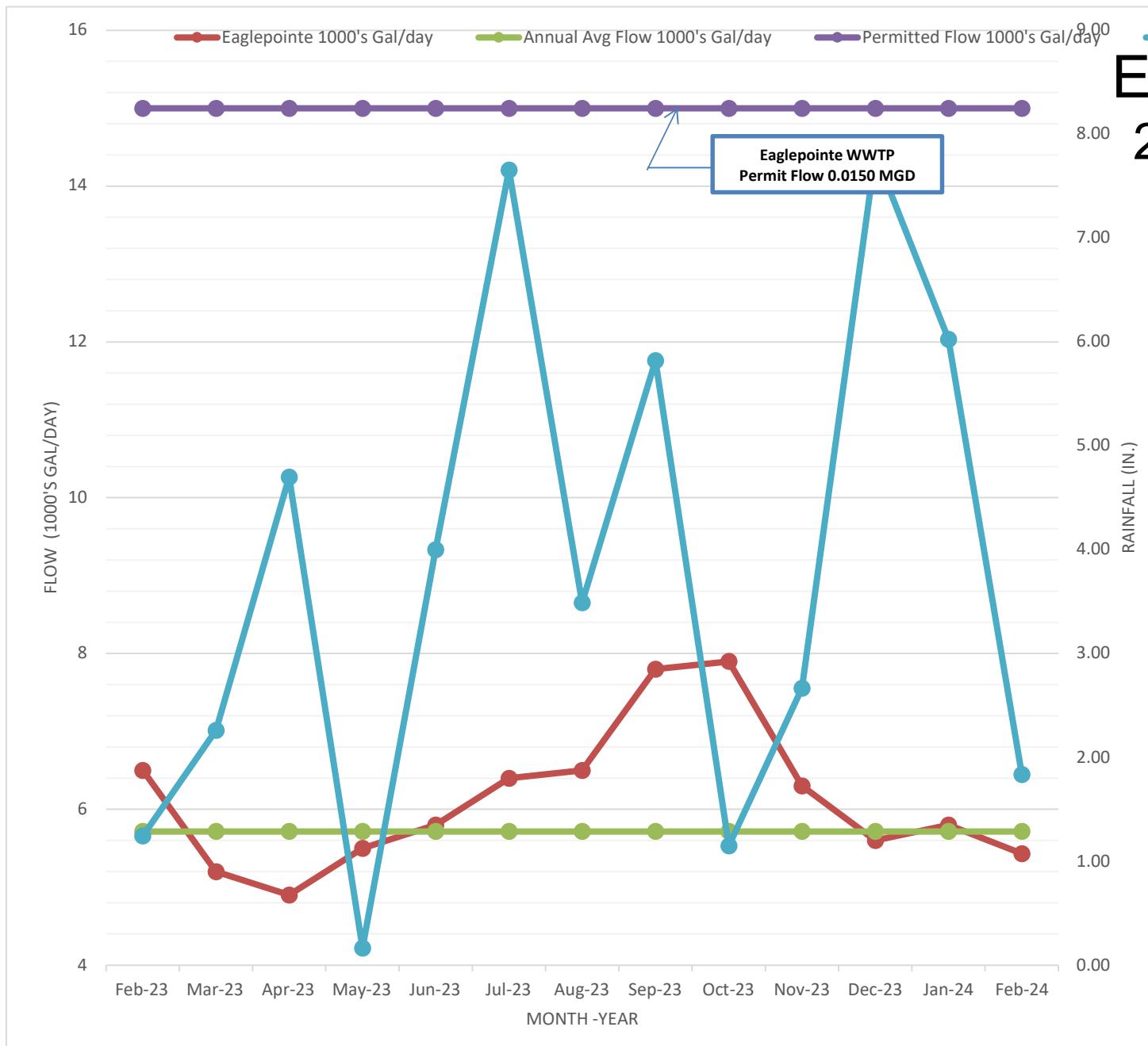
**Township Wastewater Treatment Plant's Monthly Average Flow Charts** – Please see the attached.

**UPPER UWCHLAN MUNICIPAL AUTHORITY**  
**WASTEWATER TREATMENT PLANTS**

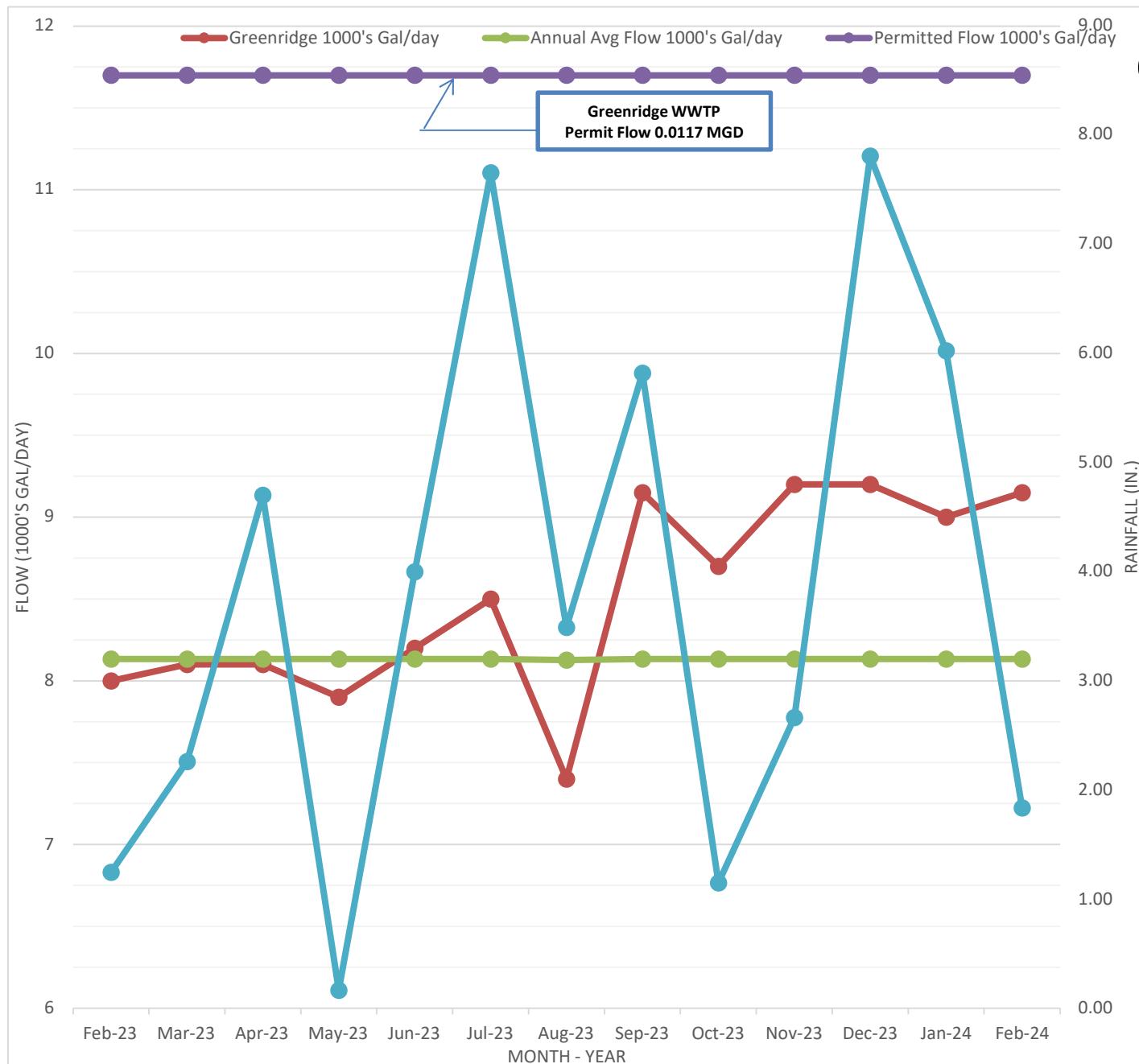
**MONTHLY AVERAGE DAILY FLOWS**

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
Feb-23		0.00650	0.00800	0.02330	0.03350	0.39500	0.00820	0.00200	1.25
Mar-23		0.00520	0.00810	0.02300	0.03240	0.39350	0.00780	0.00210	2.26
Apr-23		0.00490	0.00810	0.02280	0.03170	0.40094	0.00830	0.00160	4.70
May-23		0.00550	0.00790	0.02490	0.03460	0.38380	0.00800	0.00150	0.17
Jun-23		0.00580	0.00820	0.02300	0.02960	0.40000	0.00790	0.00160	4.00
Jul-23		0.00640	0.00850	0.02510	0.03270	0.40000	0.00820	0.00160	7.66
Aug-23		0.00650	0.00740	0.02270	0.03250	0.40960	0.00760	0.00140	3.49
Sep-23		0.00780	0.00850	0.02780	0.03390	0.42000	0.00800	0.00190	5.82
Oct-23		0.00790	0.00870	0.02440	0.03400	0.41610	0.00810	0.00240	1.15
Nov-23		0.00630	0.00920	0.02480	0.03520	0.03520	0.00820	0.00250	2.67
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	0.00930	0.00290	6.03
Feb-24		0.00543	0.00915	0.02739	0.03626	0.43630	0.00855	0.00265	1.84
Annual Avg Flow =		0.00613	0.00846	0.02549	0.03369	0.37973	0.00823	0.00207	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

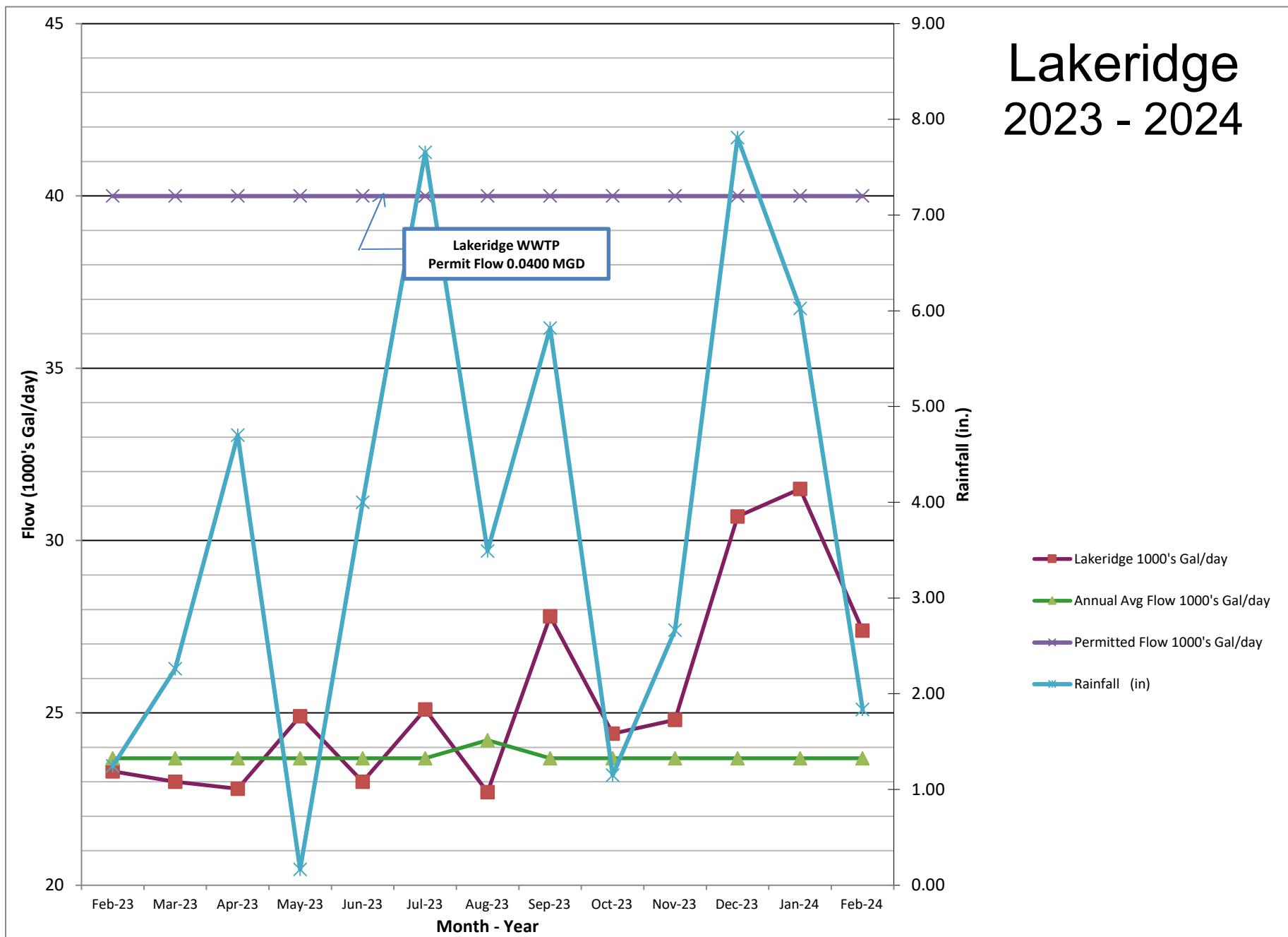
# Eaglepointe 2023 - 2024



# Greenridge 2023 - 2024

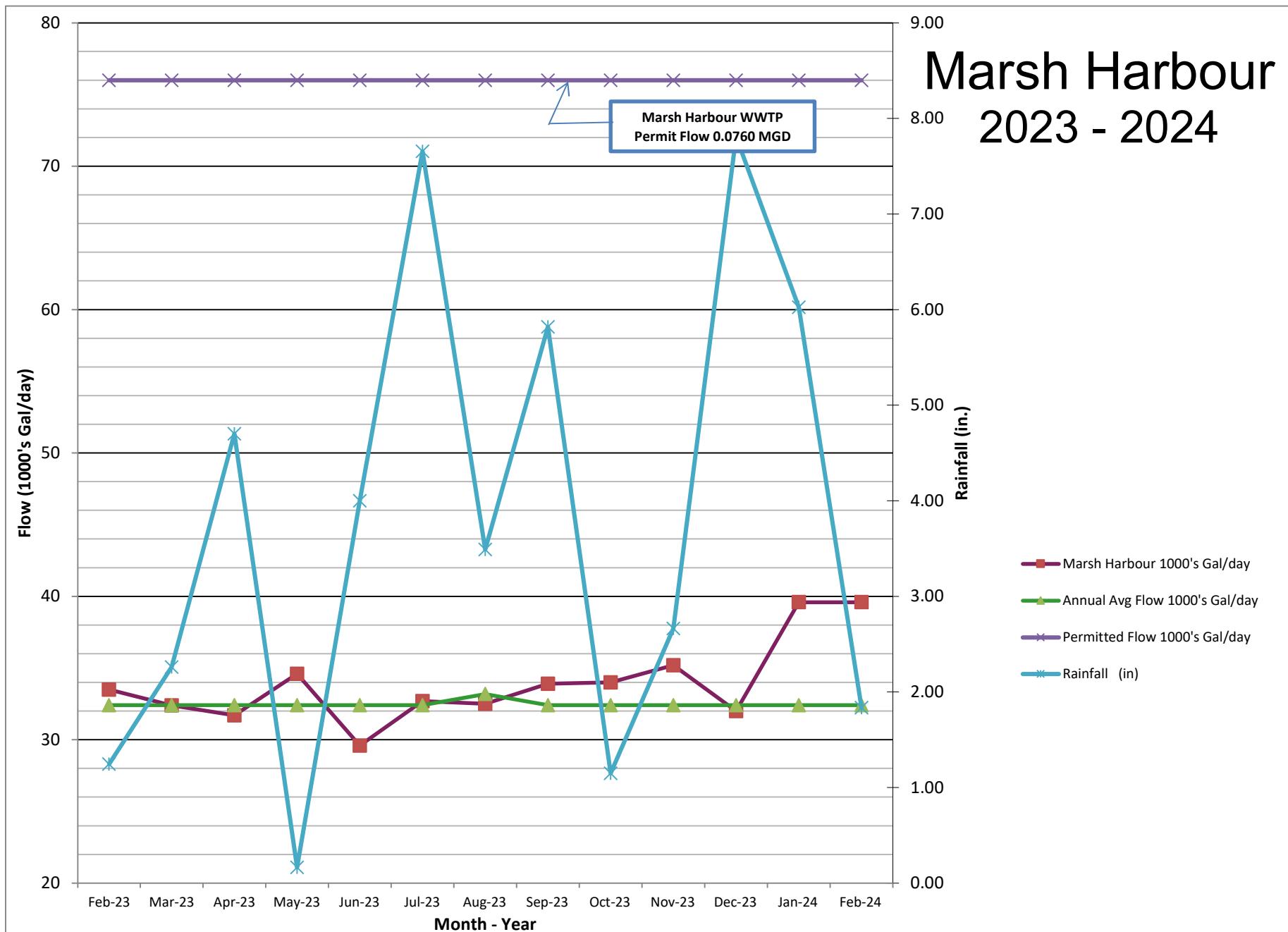


# Lakeridge 2023 - 2024

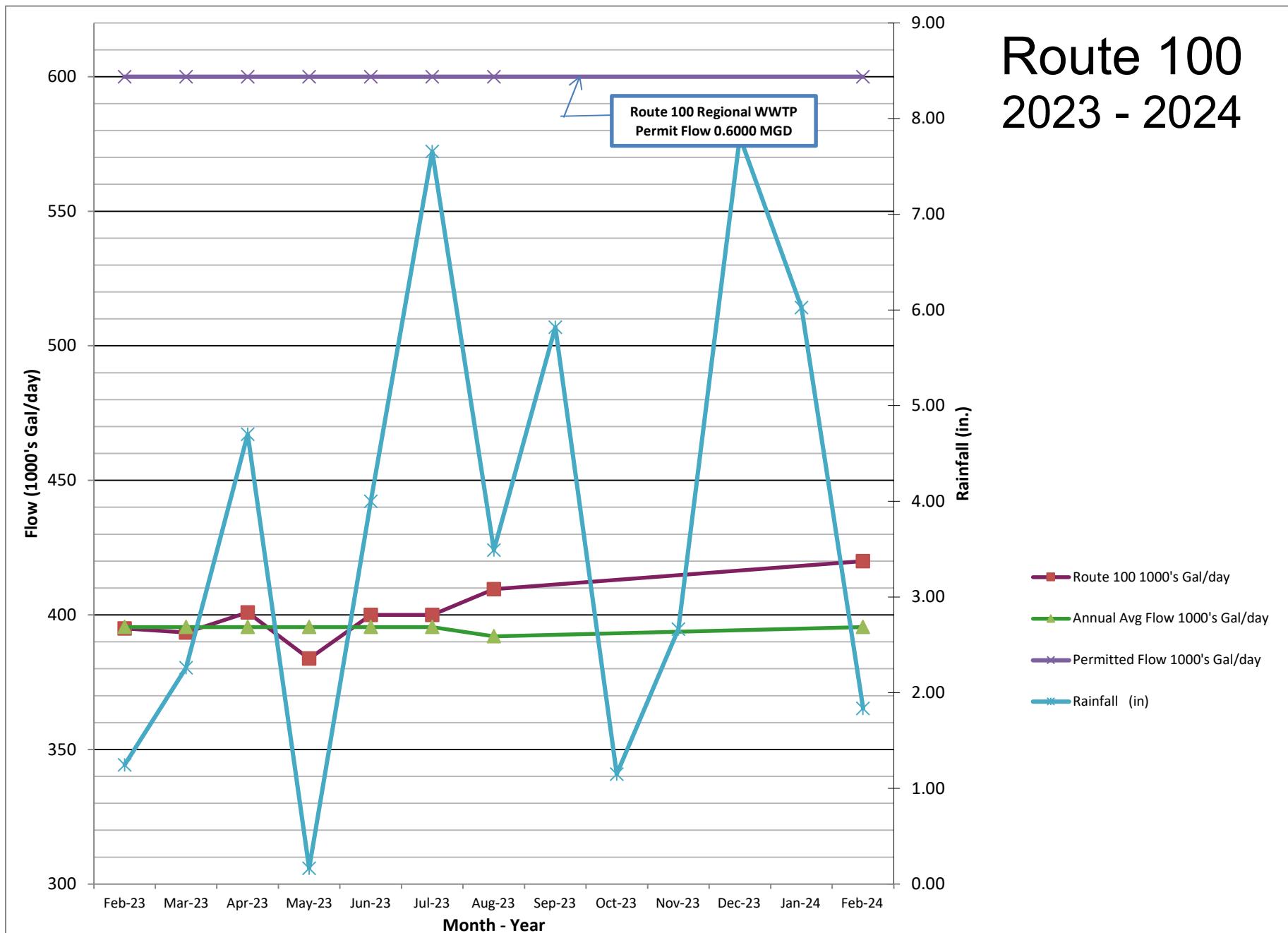


# Marsh Harbour

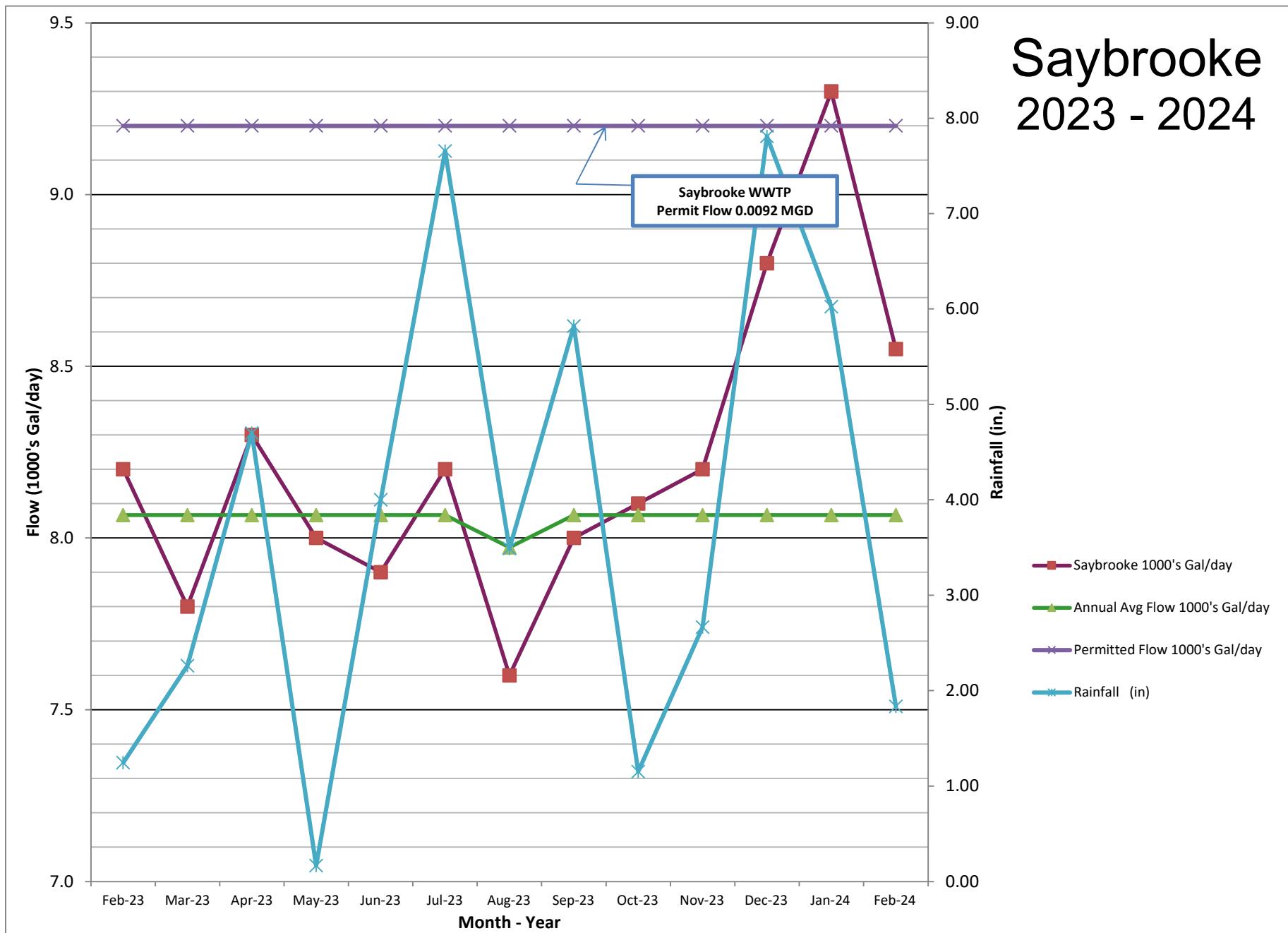
## 2023 - 2024



# Route 100 2023 - 2024

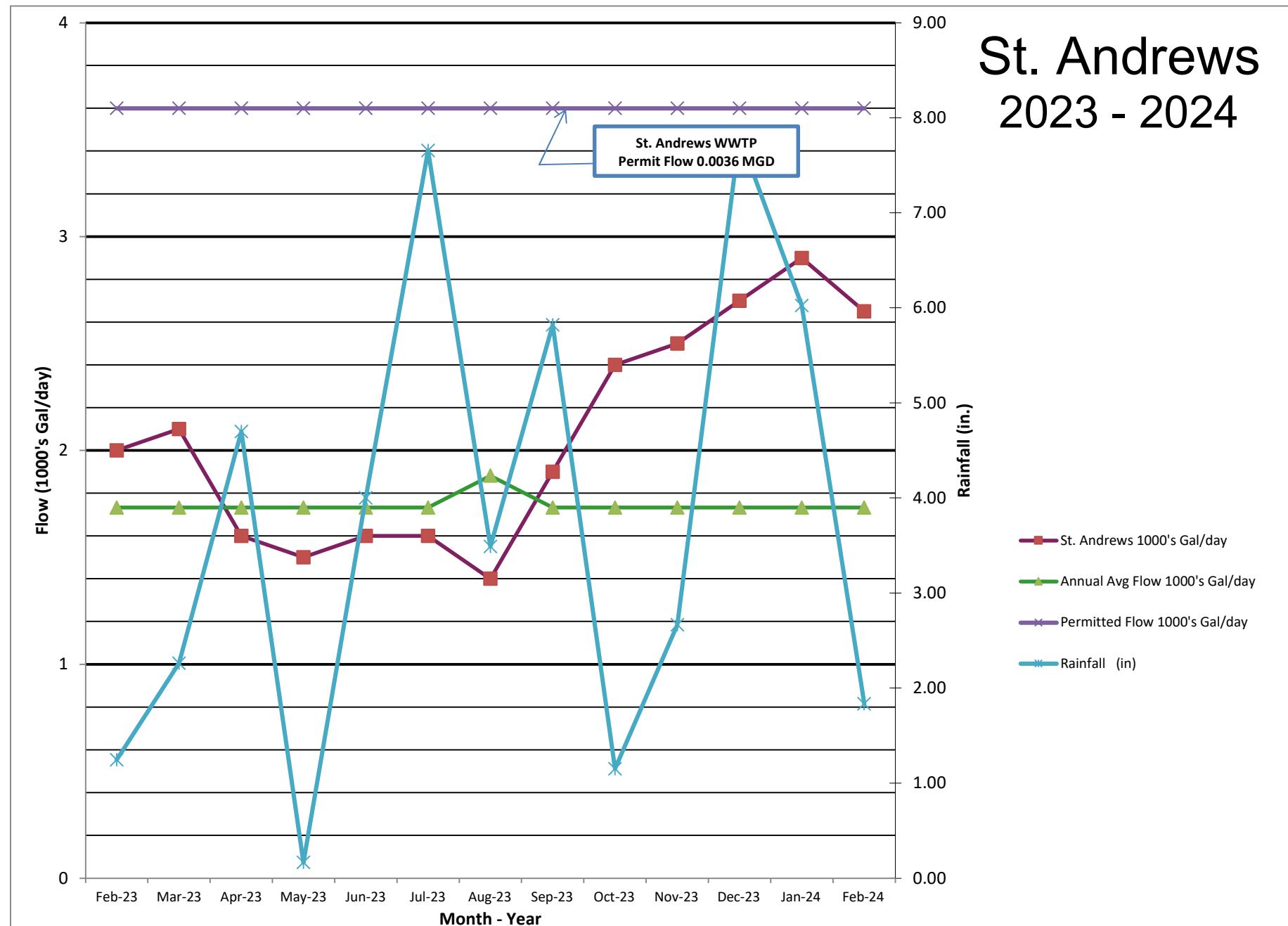


# Saybrooke 2023 - 2024



# St. Andrews

## 2023 - 2024





To: Municipal Authority Members  
From: G. Matthew Brown, P.E., DEE  
Re: Authority Administrator's Report  
Date: March 20, 2024

Activities for the month of February, 2024 include:

- A. Communication with WWTF Operator, ARRO, Solicitor and Township Staff regarding administrative, operational and maintenance issues. (46.0 hours)
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files. (4.0 hours)
- C. Communication with McKee, ARRO and the contractor regarding the upgrade to the Route 100 WWTF and the Upland Farm disposal infrastructure. (8.0 hours)
- D. Communication with ARRO and homeowners regarding the Milford Farms and Meadow Creek sewer extension projects and grant funding. (4.0 hours)
- E. Communication with homeowners regarding sanitary sewer service. (2.0 hours)
- F. Communication with Township, property owner, Solicitor and ARRO regarding Senn property for possible purchase for land disposal. (8.0 hours)
- G. Communication with ARRO and PADEP regarding planning information for future sewer connections. (4.0 hours)

Please advise if you have any questions or comments.



## **FEBRUARY/MARCH 2024 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.
- 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 and cleaned bathroom
  - Plant upgrades and construction has continued
  - Pre-doc replaced flooded electrical components in pump room
- **Byers Station Effluent Pump Station (PS) (1120 Sunderland)**
  - Cleaned facility
  - Swept floors
  - Fence around entire lagoon should be replaced
- **Byers Station Influent PS (308 Flagstone)**
  - Cleaned facility
  - Site checked
- **Ewing PS (2679 Primrose Court)**
  - Cleaned facility
  - Floors swept
- **Ewing West Vincent PS (304 Fellowship)**
  - Cleaned facility
  - Site checked
  - PA One call complete for fence post replacement

- **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
  - Cleaned facility
- **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
  - Cleaned up tree that fell onto the fence.
- **St Andrews Brae PS (at St Andrews intersection)**
  - Site checked
- **Reserve Lagoon (314 A Prescott Dr)**
  - Site checked
  - Cleaned facility
- **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
- **Marsh Harbour PS (509A Larkins Bridge)**
  - Site checked
- **Meadowcreek (2 Meadow Creek Lane)**
  - Site checked
- **Eaglepointe (1960 Ticonderoga Blvd)**
  - Cleaned facility
  - Site checked
- **Heron Hill PS (34A Heron Hill)**
  - Site checked
- **Lakeridge WWTP (540 Walter Court)**
  - Cleaned facility
  - Site checked
  - Gate lock replaced
- **Lakeridge Pump Station (201 Moore Road)**
  - Site checked
- **Eagle Farms Rd PS (West Vincent Township)**
  - Cleaned facility
  - Site checked
- **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
  - Removed trash and recycle
- Cameras at Route 100 WWTP are still down.
- Sewer plants were salted and plowed during snow and ice events.
- ARRO has updated and replaced sewer maps.
- Sewer main repair completed at 95 Milford Rd.
- Force main connecting Liberty Union was inspected. Issue was found on the property.
- Route 100 Sewer Plant – one breaker was fried in the pump room and replaced by Pre-doc.
- Remodel process ongoing at Route 100 WWTP (painting / lighting).
- UUT responded to 63 PA 1-Call tickets during the month.
- Mouse traps have been set and replaced as needed
- Heaters are on.
- Capitol Heating & Air replaced all broken heaters and updated old end of life heaters.

Respectfully submitted,

**Craig Rowe**  
MA Facility Maintenance

# ROUTE 100 WWTP EXPANSION UPDATES

**Upper Uwchlan Township Municipal Authority  
Wastewater Treatment Systems**

**March 26, 2024**



# MEETING OVERVIEW

- ❖ INTRODUCTIONS
  - AUTHORITY BOARD
  - TOWNSHIP
  - STAFF & CONSULTANTS

# Neighborhoods Map

Upper Uwchlan Township  
Chester County, Pennsylvania



0.5 0 0.5 1  
Scale in Miles

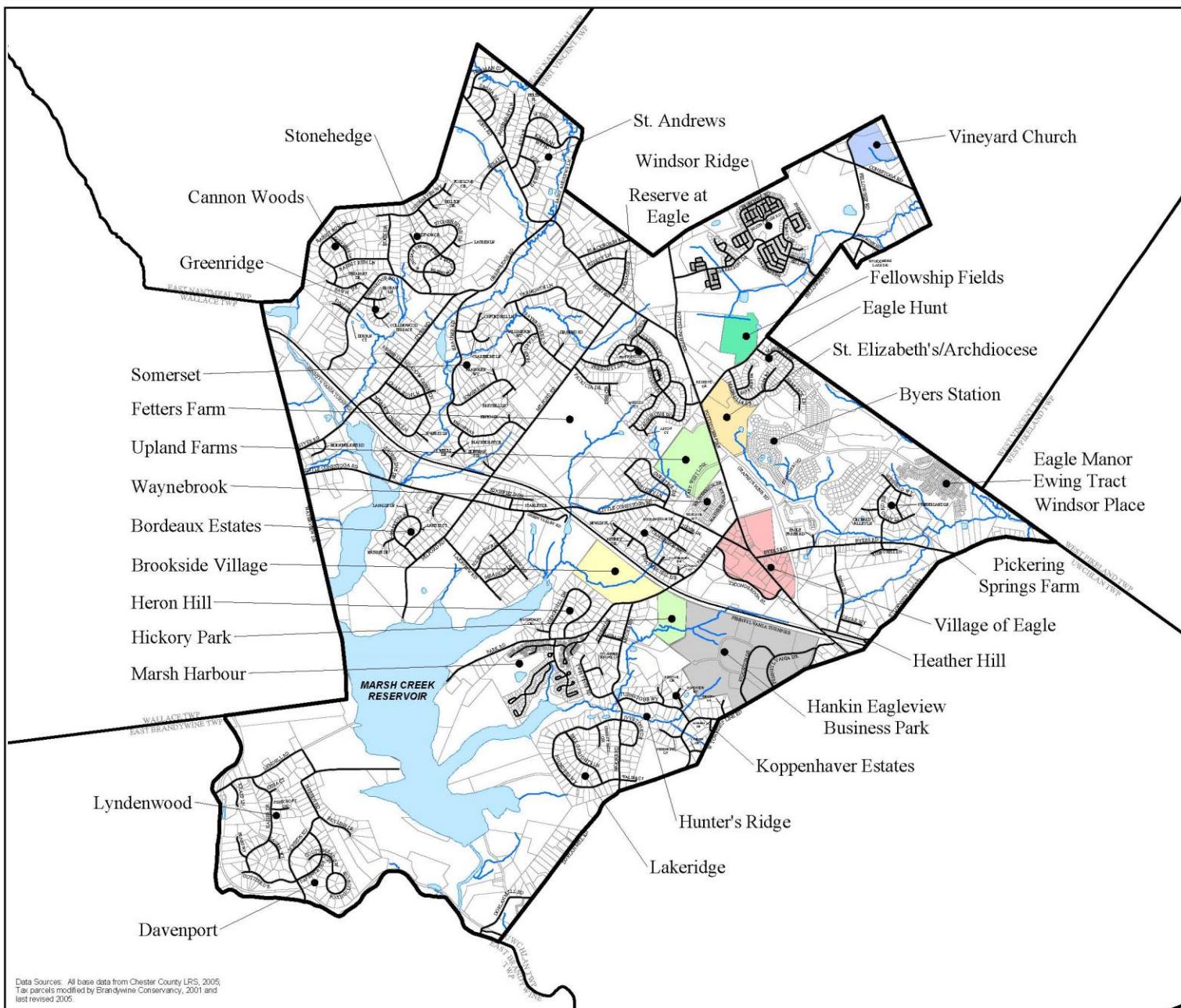
## LEGEND

	Township Boundaries
	Tax parcels
	Roads
	Streams
	Water Bodies



Brandywine Conservancy  
Environmental Management Center  
P.O. Box 141 Chadds Ford, Pennsylvania 19337 (610) 386-2790

Revised: October 20, 2005



**MILFORD FARMS**

EAST NANTMEAL  
TOWNSHIP

**MEADOW CREEK**

WALLACE TOWNSHIP

EAST BRANDYWINE  
TOWNSHIP

WEST VINCENT TOWNSHIP

WEST PIKELAND TOWNSHIP

**EAGLEPOINTE**

UWCHLAN TOWNSHIP

**MOORE ROAD**

(PART OF MILFORD FARMS PROJECT)

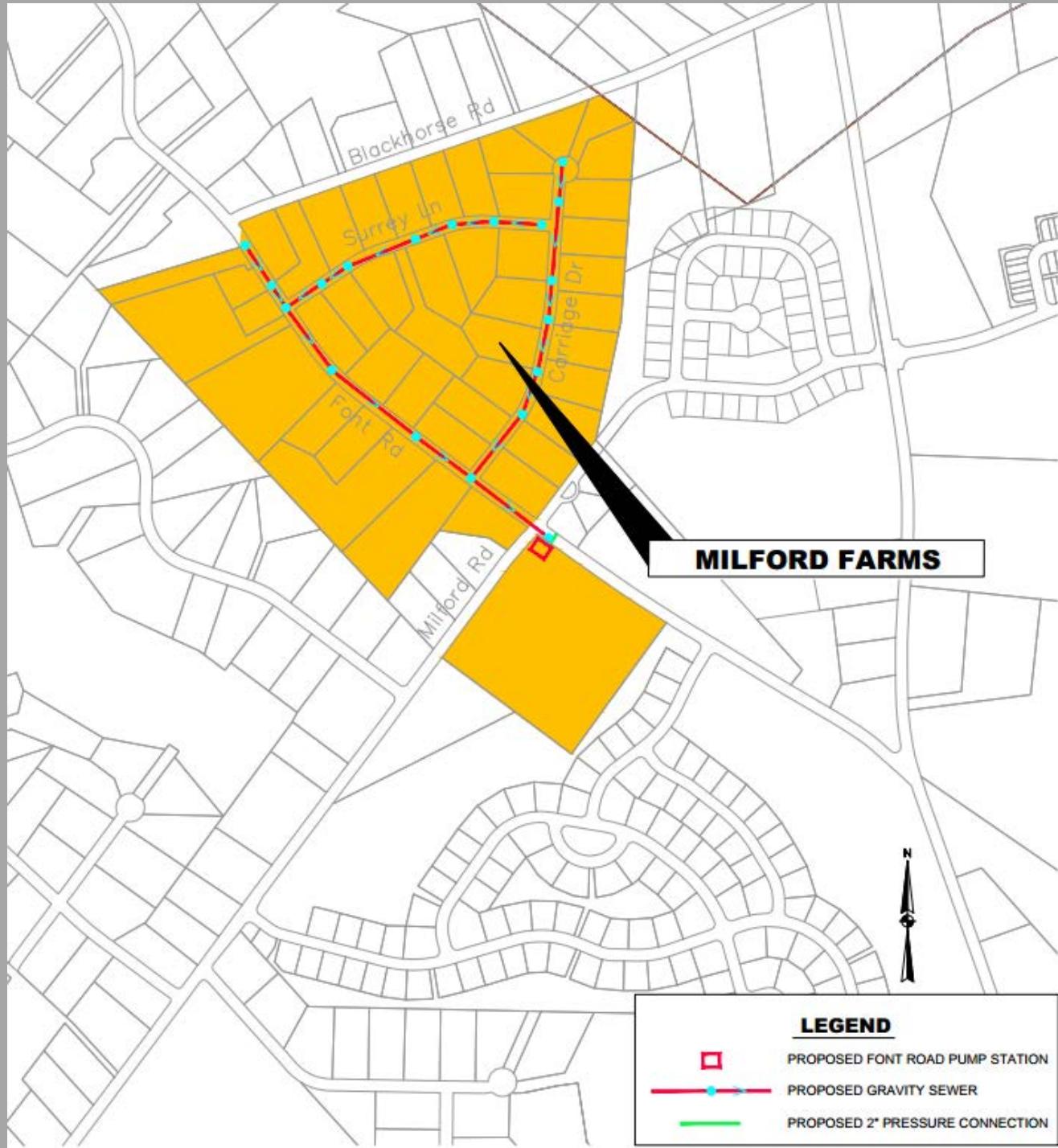
**UPPER UWCHLAN TOWNSHIP  
MILFORD FARMS  
MEADOW CREEK AND  
EAGLEPOINTE  
SANITARY SEWER EXTENSION**



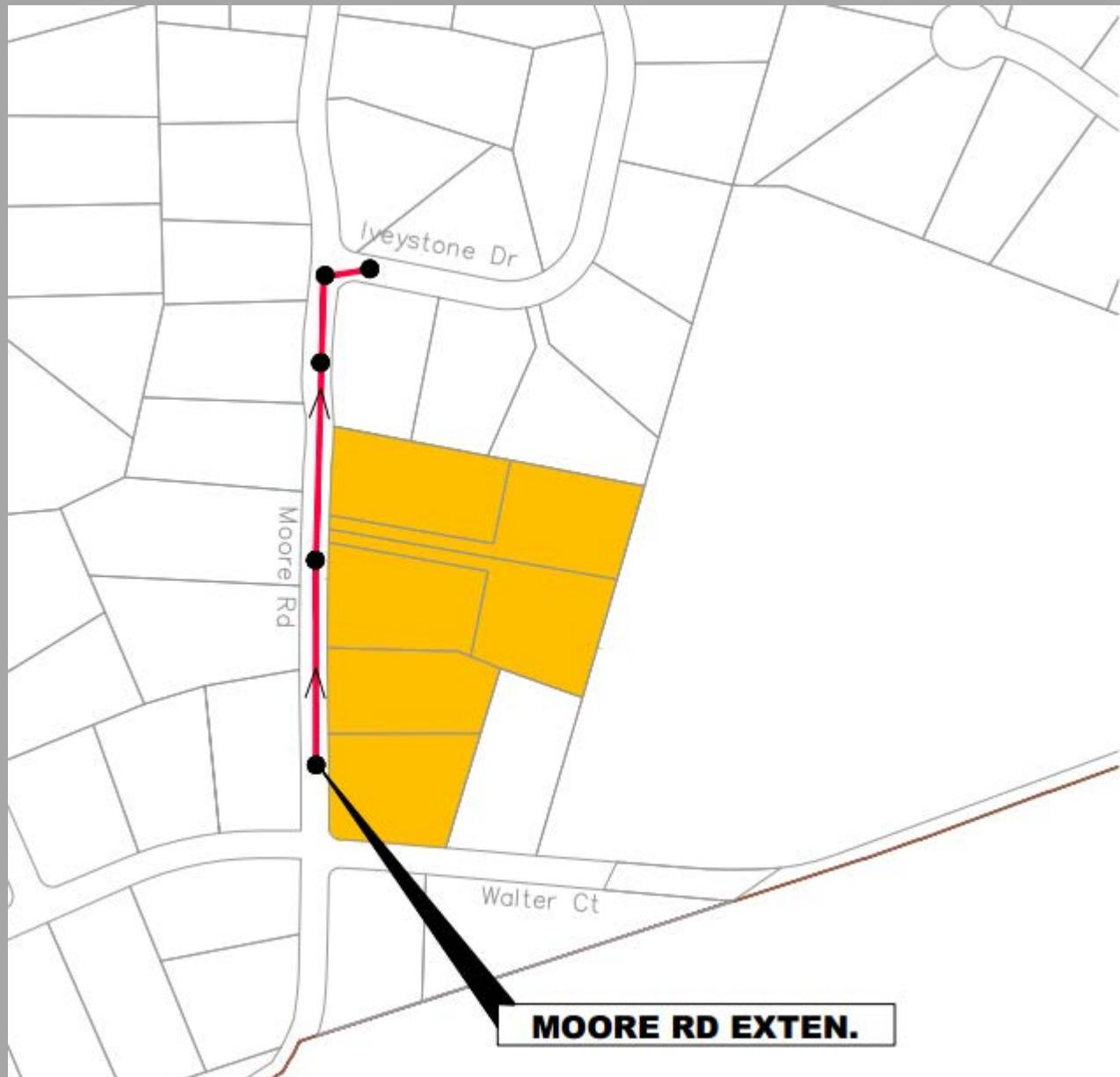
1450 E BOOT ROAD  
BUILDING 100  
WEST CHESTER, PA 19380  
(717) 569-7021

SCALE:  
0 800' 1200' 2400' 3600'  
SCALE: 1" = 1200'

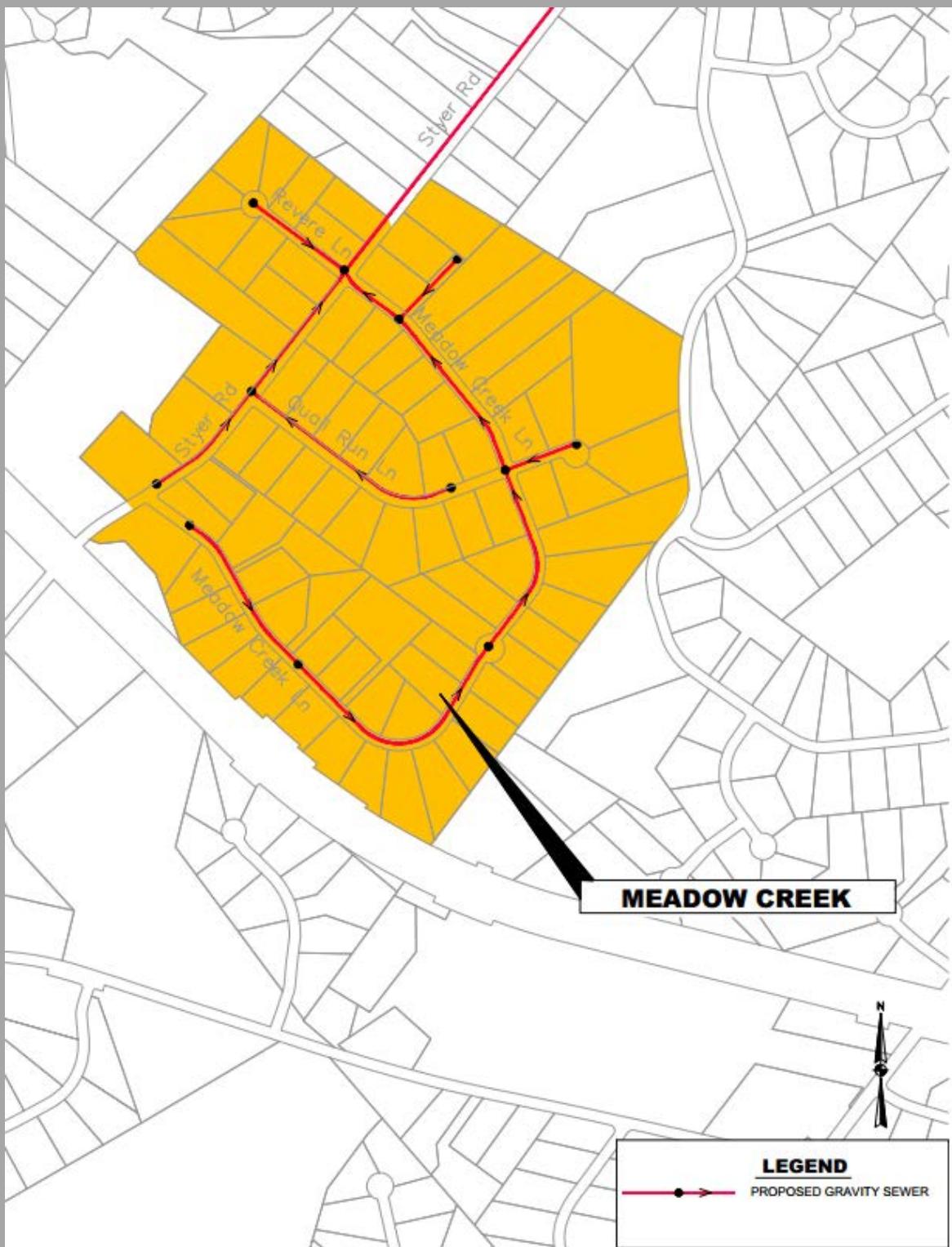
DATE: 03/01/24 DWG NO.: 10270.64



- SERVING ~50 HOUSES
- ~4,400 feet of 8" pipe
- ~19 manholes
- Curb restoration
- Re-Pave Road

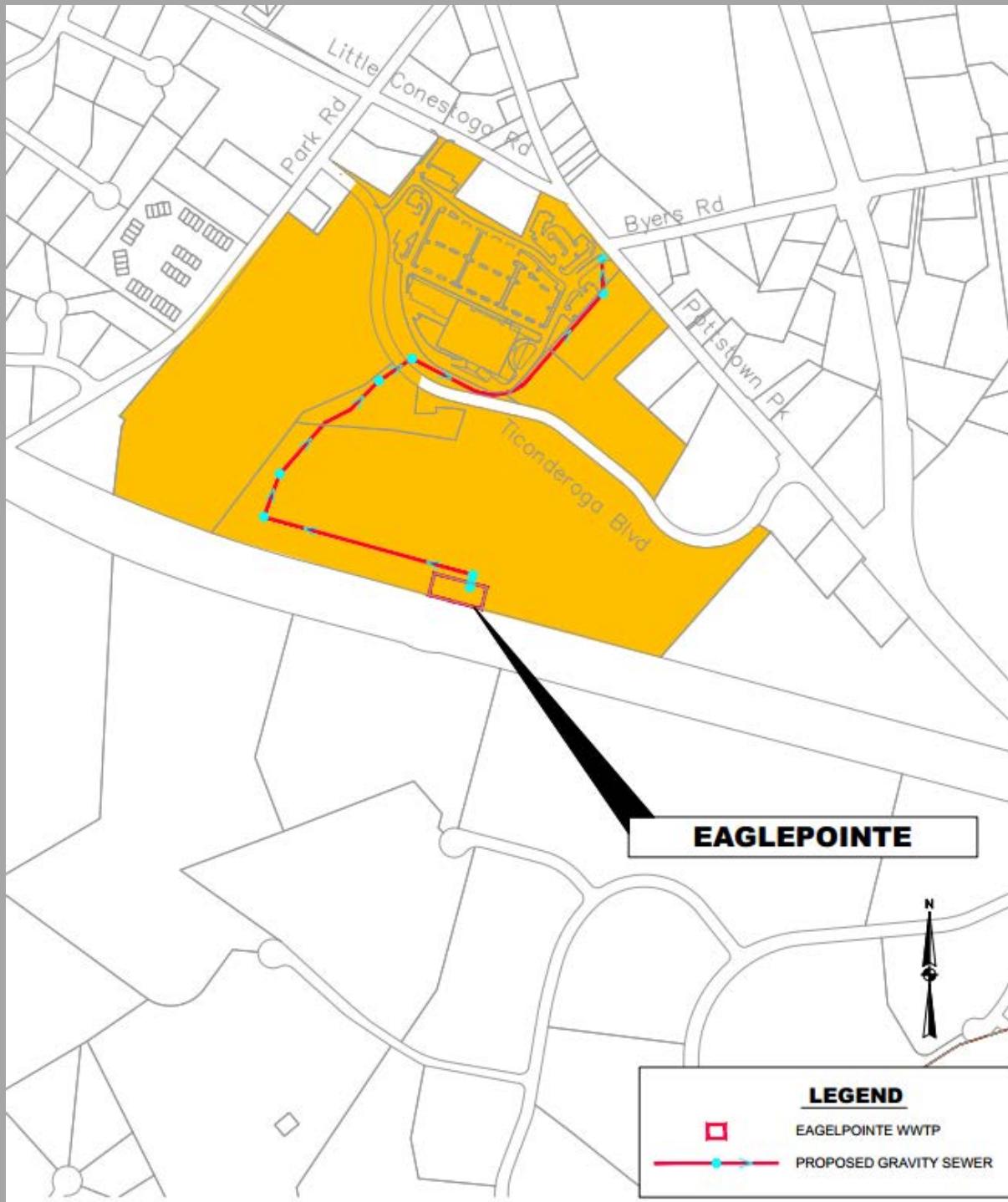


- SERVING 6 HOUSES
- ~900 feet of 8" pipe
- ~4 manholes
- Curb restoration
- Re-Pave Road



## MEADOW CREEK OVERVIEW

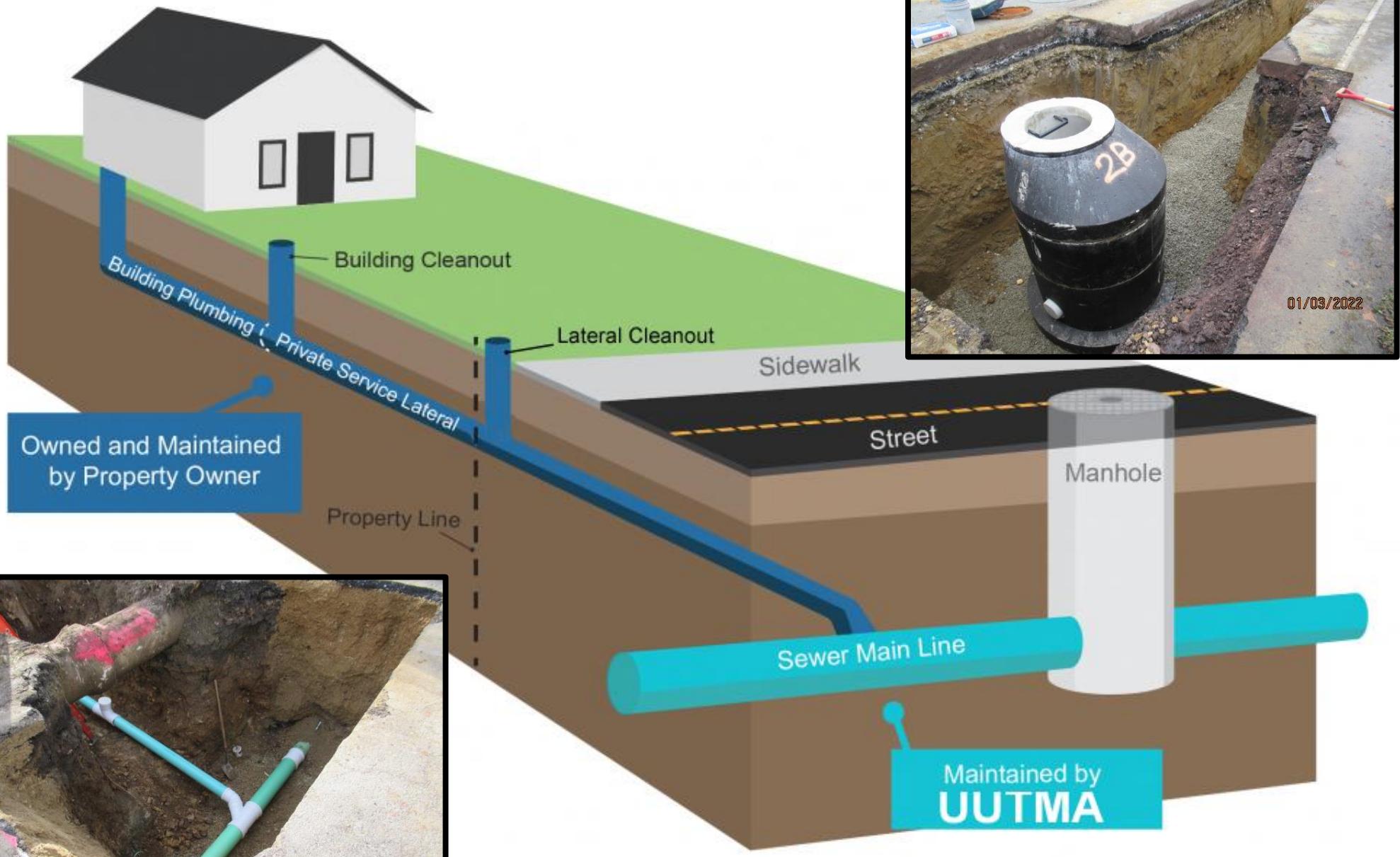
- SERVING ~80 HOUSES
- Decommission WWTP
- ~4,000 feet of 2" pipe
- ~5,500 feet of forcemain
- Curb restoration
- Road Repairs



- SERVING multiple existing businesses.
- Will be able to accommodate additional connections
- Plant Decommission
- No Stream Discharge
- ~3,000 feet of forcemain

## EAGLEPOINTE OVERVIEW

# WORK TO INCLUDE...



12/15/2021

# FUNDING

- BUDGET
- GRANTS
- RESIDENTS



# ESTIMATED COSTS

- MILFORD FARMS: \$3,248,000 (Grant of \$1,035,000)
- MEADOW CREEK: \$3,040,00 (no Grants)
- EAGLEPOINTE: \$520,000 (Grant of \$259,000)

# COST APPORTIONMENT

- Mains, Manholes, Pump Stations, Etc  
Wholly funded by UUTMA
- Property Laterals, Connection Fees, Tank  
Demo funded by Property Owner\*

\*with exception of Meadow Creek

# SCHEDULE

# COMMUNICATIONS

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- Letters to Affected Residents
- Mailbox Hangers to Affected Residents
  - Township Newsletter
  - Township Website

ANY  
QUESTIONS?



Thank  
you

