



AGENDA

March 23, 2021

7:30 p.m.

LOCATION:

This meeting will be held **virtually**. Any member of the public interested in participating in the meeting should email the Township at tscheivert@upperuwchlan-pa.gov for a link and a password to join in the meeting. In order to minimize public exposure to COVID-19, the meeting will be conducted via webinar. No attendance in-person will be allowed. If you require special accommodation, please call the Township office at 610-458-9400.

I.	Call to Order	Packet Page #
II.	Approval of Minutes: February 23, 2021	2
III.	Approval of Payments: March 2021	4
IV.	Treasurer's Report	11
V.	Presentation of Draft Act 537 Plan	17
VI.	Authority Administration Reports	
	A. Clean Water, Inc. Monthly Report	20
	B. ARRO Consulting Monthly Report	22
	C. Authority Administrator's Report	45
	1. Byers Road Sanitary Sewer Extension ~ Notice to Proceed	
	D. Public Works Department Report	46
VII.	Open Session	
VIII.	Next Meeting Date: April 27, 2021 ~ 7:30 p.m.	
IX.	Adjournment	



MEETING MINUTES

February 23, 2021

7:30 PM

DRAFT

In attendance via video teleconference: B. Watts, Chairman, D. Carlson, Member, H. Harper, Member, Tony Scheivert, Township Manager, G. Matthew Brown, P.E., DEE, Authority Administrator and David Schlott, Jr, P.E., ARRO Consulting, Inc.

Call to Order

B. Watts, Chairman, called the meeting to order at 7:30 PM.

Approval of Minutes

Draft minutes of the January 26, 2021 meeting were presented. D. Carlson made a motion to approve the minutes as submitted. H. Harper seconded. It was so moved.

Approval of Payments

Following a brief discussion and questions, a motion was made by D. Carlson to approve the payments for February 2021. H. Harper seconded. It was so moved. Following a brief discussion and questions, D. Carlson moved to accept the balance sheet and the statement of revenue and expenses as submitted in good faith by the Township Treasurer. H. Harper seconded. It was so moved.

Authority Administration Reports

M. Brown noted that all facilities were operating well and within permit.

M. Brown reported that an Intent to Award letter was issued to Highway Materials, the lowest qualified bidder on the Byers Road Sanitary Sewer Extension Project. He noted contracts and bonds had been received but were still under review. He said that he would be requesting Award and Notice to Proceed authorization at the March meeting. M. Brown noted a virtual meeting was held with the engineer for TC Energy, Arcadis, the West Vincent Township engineer and solicitor regarding sewer service for a transfer station and office on Fellowship Road in West Vincent Township. T. Scheivert, Township Manager, and C. Frantz, Authority Solicitor also attended. He noted the project would trigger the renegotiation of the intermunicipal agreement hence the need to discuss the project with West Vincent. M. Brown noted that a path to connecting the transfer station had been outlined. Further discussion is predicated on the West Vincent Township engineer and solicitor's review of the project.

D. Carlson noted the contract for the Authority Administrator position in the Board packet. He stated he still had not had time to review it thoroughly and asked it to be tabled till a review was complete. M. Brown noted it was in response to a comment made in the 2019 Audit Report.

M. Brown noted the developer for the Upattina's project had been non-responsive and expressed concern that with the expansion of the Greenridge WWTF there could be a construction conflict. He suggested involving the Authority Solicitor to contact the developer's attorney. T. Scheivert noted the Township also had not received much information from the developer and a minimum amount of work had been done recently. He suggested a discussion between M. Brown, the Township Zoning Officer and himself prior to involving the Solicitor. It was the consensus of the Board this was a suitable strategy.

Following several additional questions and a brief discussion on the reports, D. Carlson then moved to accept the Reports as submitted. H. Harper seconded. It was so moved.

Open Session

No members of the public joined the virtual meeting.

Next Meeting Date: March 23, 2021 - 7:30 PM

B. Watts noted the date and time of the next meeting of the Authority.

Adjournment

There being no further business to be brought before the Authority, D. Carlson moved, seconded by H. Harper to adjourn the meeting at 7:53 PM.

Respectfully submitted,

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

March 22, 2021
02:13 PM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MA MERIDIAN to MA MERIDIAN Range of Check Ids: 2426 to 2446
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
2426	03/23/21	AQUAP010 AQUA PA	519.87		2386
2427	03/23/21	ARROC010 ARRO CONSULTING, INC.	44,443.32		2386
2428	03/23/21	ATTMOBIL AT & T MOBILITY	197.76		2386
2429	03/23/21	BUCKLO10 BUCKLEY, BRION, MCGUIRE, MORRI	77.50		2386
2430	03/23/21	CHRISFRA FRANTZ, CHRISTOPHER	332.50		2386
2431	03/23/21	CLEANWAT CLEAN WATER, INC.	12,455.00		2386
2432	03/23/21	CONWAY01 CONWAY POWER EQUIPMENT, INC.	10,934.00		2386
2433	03/23/21	DELARIVE DELAWARE RIVER BASIN COMMISSION	638.00		2386
2434	03/23/21	EAGLHARD EAGLE HARDWARE	10.99		2386
2435	03/23/21	KARENWER KAREN WERTZ	380.00		2386
2436	03/23/21	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC	7,656.55		2386
2437	03/23/21	MCI00001 MCI COMM SERVICE	77.58		2386
2438	03/23/21	MJREIDER M. J. REIDER ASSOCIATES, INC.	1,477.00		2386
2439	03/23/21	MULLS010 MULL'S ELECTRIC, INC.	4,614.00		2386
2440	03/23/21	NEWENT NEW ENTERPRISE STONE & LIME CO	545.30		2386
2441	03/23/21	PECO0010 PECO ENERGY	20,955.06		2386
2442	03/23/21	PIPED010 PIPE DATA VIEW	1,800.00		2386
2443	03/23/21	PRED0010 PREDOC	7,575.58		2386
2444	03/23/21	USMUN020 US MUNICIPAL SUPPLY CO.	397.28		2386
2445	03/23/21	VERIZFIO VERIZON	142.40		2386
2446	03/23/21	VERIZFIO VERIZON	1,068.40		2386
Report Totals					
		<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
	Checks:	21	0	116,298.09	0.00
	Direct Deposit:	<u>0</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
	Total:	<u>21</u>	<u>0</u>	<u>116,298.09</u>	<u>0.00</u>

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Batch Id: LHAINES Batch Type: C Batch Date: 03/23/21 Checking Account: MA MERIDIAN 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
PO #	Enc Date	Item Description			Description				
	03/23/21	AQUAP010 AQUA PA		PO BOX 70279					
21-00366	03/23/21	1 325 fellowship road	149.94	06-409-000-037	Expenditure	Aprv	54	1	
				Water					
21-00366	03/23/21	2 658 collingwood terr	54.25	06-409-000-037	Expenditure	Aprv	55	1	
				Water					
21-00366	03/23/21	3 241 fellowship road	18.60	06-409-000-037	Expenditure	Aprv	56	1	
				Water					
21-00366	03/23/21	4 29 yarmouth lane	23.52	06-409-000-037	Expenditure	Aprv	57	1	
				Water					
21-00366	03/23/21	5 425 hemlock lane	54.25	06-409-000-037	Expenditure	Aprv	58	1	
				Water					
21-00366	03/23/21	6 2680 primrose ct	18.60	06-409-000-037	Expenditure	Aprv	59	1	
				Water					
21-00366	03/23/21	7 119 prescott drive	18.60	06-409-000-037	Expenditure	Aprv	60	1	
				Water					
21-00366	03/23/21	8 439 prescott drive	18.60	06-409-000-037	Expenditure	Aprv	61	1	
				Water					
21-00366	03/23/21	9 100 prescott drive	18.60	06-409-000-037	Expenditure	Aprv	62	1	
				Water					
21-00366	03/23/21	10 meadow creek lane	18.60	06-409-000-037	Expenditure	Aprv	63	1	
				Water					
21-00366	03/23/21	11 308 flagstone road	18.60	06-409-000-037	Expenditure	Aprv	64	1	
				Water					
21-00366	03/23/21	12 1 prospect hill blvd	54.25	06-409-000-037	Expenditure	Aprv	65	1	
				Water					
21-00366	03/23/21	13 1120 sunderland ave	18.60	06-409-000-037	Expenditure	Aprv	66	1	
				Water					
21-00366	03/23/21	14 528 walter court	8.12	06-409-000-037	Expenditure	Aprv	67	1	
				Water					
21-00366	03/23/21	15 381 lcr	8.12	06-409-000-037	Expenditure	Aprv	68	1	
				Water					
21-00366	03/23/21	16 111 dorothy lane	18.62	06-409-000-037	Expenditure	Aprv	69	1	
				Water					
			519.87						
	03/23/21	ARROC010 ARRO CONSULTING, INC.		108 WEST AIRPORT ROAD					
21-00347	03/23/21	1 project 17000.00 consulting	12,858.75	06-408-000-000	Expenditure	Aprv	1	1	
				Engineering Fees					
21-00347	03/23/21	2 project 9310.32 ww sys admin	8,865.75	06-400-000-002	Expenditure	Aprv	2	1	
				Authority Administrator					
21-00347	03/23/21	3 project 10270.48 byers road	3,193.08	06-408-000-000	Expenditure	Aprv	3	1	
				Engineering Fees					
21-00347	03/23/21	4 project 10270.56 rt 100 map	4,055.00	06-408-000-000	Expenditure	Aprv	4	1	
				Engineering Fees					
21-00347	03/23/21	5 project 10270.64 milford farms	2,486.04	06-408-000-000	Expenditure	Aprv	5	1	
				Engineering Fees					
21-00347	03/23/21	6 project 10270.69 future dispos	129.50	06-408-000-000	Expenditure	Aprv	6	1	
				Engineering Fees					
21-00347	03/23/21	7 project 10270.71 act 537	1,329.70	06-408-000-000	Expenditure	Aprv	7	1	

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00347	03/23/21	8 project 10270.72 meadow creek	2,717.00	Engineering Fees 06-408-000-000	Expenditure	Aprv	8	1
21-00347	03/23/21	9 project 10270.75 upland farms	8,808.50	Engineering Fees 06-408-000-000	Expenditure	Aprv	9	1
			44,443.32	Engineering Fees				
21-00348	03/23/21	ATTMOBIL AT & T MOBILITY 1 telephone	197.76	PO BOX 6463 06-409-000-032 Telephone	Expenditure	Aprv	10	1
			197.76					
21-00349	03/23/21	BUCKL010 BUCKLEY, BRION, MCGUIRE, MORRI 1 february - sewer collections	77.50	118 W. MARKET STREET 06-404-000-000 Legal Fees	Expenditure	Aprv	11	1
			77.50					
21-00351	03/23/21	CHRISFRA FRANTZ, CHRISTOPHER 1 february services	332.50	PO BOX 557 06-404-000-000 Legal Fees	Expenditure	Aprv	13	1
			332.50					
21-00350	03/23/21	CLEANWAT CLEAN WATER, INC. 1 monthly ops - ch 94 reports	12,455.00	170 DALLAS STREET 06-420-000-045 Contracted Services	Expenditure	Aprv	12	1
			12,455.00					
21-00352	03/23/21	CONWAY01 CONWAY POWER EQUIPMENT, INC. 1 cheetah II - 61"	10,934.00	1614 EAST STRASBURG ROAD 06-483-000-000 Capital Repair	Expenditure	Aprv	14	1
			10,934.00					
21-00353	03/23/21	DELARIVE DELAWARE RIVER BASIN COMMISSION 1 discharge approval - annual	638.00	PO BOX 788801 06-420-000-035 Permits	Expenditure	Aprv	15	1
			638.00					
21-00354	03/23/21	EAGLHARD EAGLE HARDWARE 1 ma - battery	10.99	06-420-000-020 Supplies	Expenditure	Aprv	16	1
			10.99					
21-00364	03/23/21	KARENWER KAREN WERTZ 1 refund - sewer overpayment	380.00	1 LANGSTON CIRCLE 06-420-000-048 Misc expenses	Expenditure	Aprv	52	1
			380.00					
21-00356	03/23/21	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC 1 saybrooke	351.90	920 SOUTH BOLMAR STREET 06-420-000-031 Pump & Haul	Expenditure	Aprv	18	1
21-00356	03/23/21	2 lakeridge	1,214.06	06-420-000-031 Pump & Haul	Expenditure	Aprv	19	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00356	03/23/21	3 eaglepoint	404.69	06-420-000-031 Pump & Haul	Expenditure	Aprv	20	1
21-00356	03/23/21	4 eaglepoint	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	21	1
21-00356	03/23/21	5 eaglepoint	404.69	06-420-000-031 Pump & Haul	Expenditure	Aprv	22	1
21-00356	03/23/21	6 eaglepoint	404.69	06-420-000-031 Pump & Haul	Expenditure	Aprv	23	1
21-00356	03/23/21	7 route 100	77.63	06-420-000-031 Pump & Haul	Expenditure	Aprv	24	1
21-00356	03/23/21	8 route 100	77.63	06-420-000-031 Pump & Haul	Expenditure	Aprv	25	1
21-00356	03/23/21	9 route 100	526.76	06-420-000-031 Pump & Haul	Expenditure	Aprv	26	1
21-00356	03/23/21	10 route 100	3,687.34	06-420-000-031 Pump & Haul	Expenditure	Aprv	27	1
21-00356	03/23/21	11 route 100	77.63	06-420-000-031 Pump & Haul	Expenditure	Aprv	28	1
21-00356	03/23/21	12 route 100	77.63	06-420-000-031 Pump & Haul	Expenditure	Aprv	29	1
			<u>7,656.55</u>					
03/23/21 MCI00001 MCI COMM SERVICE				PO BOX 15043				
21-00355	03/23/21	1 telephone	77.58	06-409-000-032 Telephone	Expenditure	Aprv	17	1
			<u>77.58</u>					
03/23/21 MJREIDER M. J. REIDER ASSOCIATES, INC.				107 ANGELICA STREET				
21-00357	03/23/21	1 saybrooke	108.50	06-420-000-030 Testing	Expenditure	Aprv	30	1
21-00357	03/23/21	2 st. andrews	119.00	06-420-000-030 Testing	Expenditure	Aprv	31	1
21-00357	03/23/21	3 saybrooke	108.50	06-420-000-030 Testing	Expenditure	Aprv	32	1
21-00357	03/23/21	4 st. andrews	150.50	06-420-000-030 Testing	Expenditure	Aprv	33	1
21-00357	03/23/21	5 rt. 100 wwtp	108.50	06-420-000-030 Testing	Expenditure	Aprv	34	1
21-00357	03/23/21	6 greenridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	35	1
21-00357	03/23/21	7 lakeridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	36	1
21-00357	03/23/21	8 greenridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	37	1
21-00357	03/23/21	9 marsh harbor	122.50	06-420-000-030 Testing	Expenditure	Aprv	38	1
21-00357	03/23/21	10 eaglepointe	150.50	06-420-000-030 Testing	Expenditure	Aprv	39	1
21-00357	03/23/21	11 byers,ewing,reserve,eagle hunt	56.00	06-420-000-030 Testing	Expenditure	Aprv	40	1
21-00357	03/23/21	12 saybrooke	42.00	06-420-000-030 Testing	Expenditure	Aprv	41	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00357	03/23/21	13 rt. 100 wwtp	108.50	06-420-000-030 Testing	Expenditure	Aprv	42	1
21-00357	03/23/21	14 st. andrews	77.00	06-420-000-030 Testing	Expenditure	Aprv	43	1
			<u>1,477.00</u>					
21-00358	03/23/21	1 regional wwtp - repairs	4,614.00	357 MAIN STREET 06-420-000-025 Maintenance & Repair	Expenditure	Aprv	44	1
			<u>4,614.00</u>					
21-00359	03/23/21	1 ma - stone	545.30	PO BOX 645211 06-420-000-020 Supplies	Expenditure	Aprv	45	1
			<u>545.30</u>					
21-00367	03/23/21	1 304 fellowship road	261.68	SUMMARY BILL PROCESSING CENTER 06-409-000-036 Electric	Expenditure	Aprv	70	1
21-00367	03/23/21	2 2500 eagle farms road	752.53	06-409-000-036 Electric	Expenditure	Aprv	71	1
21-00367	03/23/21	3 seabury lane	34.38	06-409-000-036 Electric	Expenditure	Aprv	72	1
21-00367	03/23/21	4 primrose ct	358.67	06-409-000-036 Electric	Expenditure	Aprv	73	1
21-00367	03/23/21	5 100 prescott drive	290.35	06-409-000-036 Electric	Expenditure	Aprv	74	1
21-00367	03/23/21	6 meadow creek lane	27.32	06-409-000-036 Electric	Expenditure	Aprv	75	1
21-00367	03/23/21	7 301 pottstown pike	1,671.83	06-409-000-036 Electric	Expenditure	Aprv	76	1
21-00367	03/23/21	8 kristines/milford	164.29	06-409-000-036 Electric	Expenditure	Aprv	77	1
21-00367	03/23/21	9 711 dorian road	598.70	06-409-000-036 Electric	Expenditure	Aprv	78	1
21-00367	03/23/21	10 111 dorothy lane	92.55	06-409-000-036 Electric	Expenditure	Aprv	79	1
21-00367	03/23/21	11 dorlan drive	1,679.81	06-409-000-036 Electric	Expenditure	Aprv	80	1
21-00367	03/23/21	12 381 lcr	354.93	06-409-000-036 Electric	Expenditure	Aprv	81	1
21-00367	03/23/21	13 milford road	28.87	06-409-000-036 Electric	Expenditure	Aprv	82	1
21-00367	03/23/21	14 st. andrews road	41.73	06-409-000-036 Electric	Expenditure	Aprv	83	1
21-00367	03/23/21	15 park road	1,531.50	06-409-000-036 Electric	Expenditure	Aprv	84	1
21-00367	03/23/21	16 55 pottstown pike	601.07	06-409-000-036 Electric	Expenditure	Aprv	85	1
21-00367	03/23/21	17 yarmouth lane	483.83	06-409-000-036 Electric	Expenditure	Aprv	86	1
21-00367	03/23/21	18 sunderland ave	1,656.36	06-409-000-036	Expenditure	Aprv	87	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00367	03/23/21	19 kiloran wynd	166.05	Electric 06-409-000-036	Expenditure	Aprv	88	1
21-00367	03/23/21	20 flagstone road	1,058.16	Electric 06-409-000-036	Expenditure	Aprv	89	1
21-00367	03/23/21	21 yarmouth lane	38.62	Electric 06-409-000-036	Expenditure	Aprv	90	1
21-00367	03/23/21	22 140 pottstown pike	201.82	Electric 06-409-000-036	Expenditure	Aprv	91	1
21-00367	03/23/21	23 275 fellowship road	6,335.98	Electric 06-409-000-036	Expenditure	Aprv	92	1
21-00367	03/23/21	24 heron hill drive	170.08	Electric 06-409-000-036	Expenditure	Aprv	93	1
21-00367	03/23/21	25 indian springs drive	174.46	Electric 06-409-000-036	Expenditure	Aprv	94	1
21-00367	03/23/21	26 yarmouth lane	100.40	Electric 06-409-000-036	Expenditure	Aprv	95	1
21-00367	03/23/21	27 hemlock lane	549.94	Electric 06-409-000-036	Expenditure	Aprv	96	1
21-00367	03/23/21	28 fellowship road	1,529.15	Electric 06-409-000-036	Expenditure	Aprv	97	1
			<u>20,955.06</u>					
21-00360	03/23/21	03/23/21 PIPED010 PIPE DATA VIEW 1 ivystone/moore - clean lines	1,800.00	9 RAILROAD AVENUE 06-420-000-025 Maintenance & Repair	Expenditure	Aprv	46	1
			<u>1,800.00</u>					
21-00361	03/23/21	03/23/21 PREDO010 PREDOC 1 marsh harbor - replace valve	4,296.73	14 CHRISEVYN LANE 06-420-000-025 Maintenance & Repair	Expenditure	Aprv	47	1
21-00361	03/23/21	2 saybrooke wwtp - flushed beds	848.85	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	48	1
21-00361	03/23/21	3 saybrooke wwtp - setup beds	2,430.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	49	1
			<u>7,575.58</u>					
21-00363	03/23/21	03/23/21 USMUN020 US MUNICIPAL SUPPLY CO. 1 ma - headlight kit	397.28	P.O. BOX 574 06-420-000-020 Supplies	Expenditure	Aprv	51	1
			<u>397.28</u>					
21-00362	03/23/21	03/23/21 VERIZFIO VERIZON 1 telephone	142.40	PO BOX 15124 06-409-000-032 Telephone	Expenditure	Aprv	50	1
			<u>142.40</u>					
21-00365	03/23/21	03/23/21 VERIZFIO VERIZON 1 march telephone	1,068.40	PO BOX 15124 06-409-000-032 Telephone	Expenditure	Aprv	53	1
			<u>1,068.40</u>					

March 22, 2021
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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No.	Check Date	Vendor #	Name		Street 1 of Address to be printed on Check
PO #	Enc Date	Item	Description	Payment Amt	Charge Account
					Account Type
					Status Seq
					Acct
					Description

	<u>Count</u>	<u>Line Items</u>	<u>Amount</u>
Checks:	21	97	116,298.09

There are NO errors or warnings in this listing.

Upper Uwchlan Township Municipal Authority

Balance Sheet

As of February 28, 2021

ASSETS

	<u>Cash</u>	
06-100-000-010	General Checking - Fulton Bank	\$ 160,604.15
06-100-000-015	General Checking - Meridian Bank	280,042.62
06-100-000-020	General Checking - WIPP	352,836.94
06-106-000-002	Connection Fee Account	663,785.44
06-110-000-100	Fulton Bank Bond Proceeds - ICS	-
06-110-000-200	Fulton Bank Bond Proceeds - MMDA	5,361,296.12
	Total Cash	6,818,565.27

PSDLAF Investments:

06-109-000-003	CD Program	-
06-109-000-004	Full Flex	188.21
		188.21
	Total Investments	188.21

Accounts Receivable

06-145-000-001	Usage Fees Receivable	236,887.38
06-145-000-002	Capital Assessment Receivable	
06-147-000-000	Misc Accounts Receivable	546.00
	Total Accounts Receivable	237,433.38

Other Current Assets

06-130-000-001	Due from MA Capital Fund	-
06-130-000-002	Due from UUT General Fund	7,054.05
06-130-000-003	Due from UUT Capital Fund	-
06-130-000-004	Due from Solid Waste Fund	8,320.93
06-130-000-005	Due from Stormwater Fund	-
06-130-000-006	Due from Sewer Fund	-
06-152-000-000	Undeposited Funds	-
06-155-000-000	Pre-Paid Expenses	-
06-155-000-010	Pre-Paid Attorney Fees	-
	Total Other Current Assets	15,374.98

Fixed Assets

06-162-000-001	Fixed Assets	1,806,280.72
06-162-000-050	Accumulated Depreciation	(503,893.76)
06-163-000-100	Phase II Construction Project (CIP)	851,304.48
	Total Fixed Assets	2,153,691.44

Other Long Term Assets

06-162-000-002	Excess Treatment Capacity	1,649,293.24
	Total Other Long Term Assets	1,649,293.24

Total Assets	\$	10,874,546.52
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Upper Uwchlan Township Municipal Authority

Balance Sheet

As of February 28, 2021

LIABILITIES AND FUND BALANCE

Current Liabilities

06-200-000-020	Accounts Payable	-
06-230-000-010	Due to UUT General Fund	58,772.26
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	107,665.80
06-230-000-040	Due to Water Resource Protection Fund	-
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	5,205,556.07
06-240-000-000	Accrued Expenses	44,443.32
06-241-000-100	Retainage on Phase II Construction Project	22,861.00
06-245-000-000	Due to Customers	275.00
	Total Current Liabilities	5,439,573.45

Equity

06-272-000-001	Opening Bal Equity	753,500.35
06-272-000-002	Retained Earnings	4,238,829.21
	Current Period Net Income (Loss)	442,643.51
	Total Equity	5,434,973.07

Total Fund Balance	5,434,973.07
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Total Liabilities & Fund Balance	\$ 10,874,546.52
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**Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures**

For the Period Ended February 28, 2021

	Actual 2021 YTD	Budget 2021	% of Budget	Actual 2020 <i>(Unaudited)</i>	Budget 2020
REVENUES					
06-340-000-000 Interest Income	\$ 1,812.05	\$ 43,500.00	4.2%	36,969.17	\$ 80,000.00
06-365-000-000 Usage Fees Residential	388,990.41	2,250,000.00	17.3%	2,229,892.88	2,293,851.00
06-365-000-001 Usage Fees Commercial	13,855.00	100,000.00	13.9%	97,167.60	-
06-365-000-010 Connection Fees	263,050.00	4,677,750.00	5.6%	51,570.72	1,622,250.00
06-365-000-015 Sewer - resident refunds	-	-	#DIV/0!	(88.00)	-
06-354-000-020 Grant revenue - State	4,167.00	465,000.00	0.9%	11,471.00	-
06-370-000-000 Misc revenue	-	1,000.00	0.0%	-	1,000.00
TOTAL REVENUES	\$ 671,874.46	\$ 7,537,250.00	8.9%	\$ 2,426,983.37	\$ 3,997,101.00
EXPENDITURES					
<u>General:</u>					
06-400-000-001 Administration	44,122.66	264,736.00	16.7%	245,253.44	273,821.00
06-400-000-002 Authority Administrator	18,895.35	120,000.00	15.7%	124,393.84	120,000.00
06-400-000-003 Professional Fees	-	5,000.00	0.0%	-	12,000.00
06-400-000-200 Admin Supplies	-	1,000.00	0.0%	298.50	1,000.00
06-400-000-341 Advertising	-	3,000.00	0.0%	2,928.03	5,000.00
06-400-000-352 Insurance - Liability	1,289.45	5,370.00	24.0%	4,111.96	5,370.00
06-400-000-355 Bank Fees	19.00	650.00	2.9%	97.00	650.00
06-402-000-450 Audit Fees	-	7,500.00	0.0%	5,800.00	5,450.00
06-404-000-000 Legal Fees	-	25,000.00	0.0%	5,460.00	25,000.00
06-406-000-100 Utility Billing Costs	4.63	13,000.00	0.0%	12,607.53	12,000.00
06-408-000-000 Engineering Fees	58,268.07	150,000.00	38.8%	410,263.25	175,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	#DIV/0!	-	-
	122,599.16	595,256.00	20.6%	811,213.55	635,291.00
<u>Building Expenses:</u>					
06-409-000-031 Lawn Care	-	5,000.00	0.0%	-	5,000.00
06-409-000-032 Telephone	2,685.65	15,000.00	17.9%	15,305.48	15,000.00
06-409-000-035 Insurance	2,723.05	15,000.00	18.2%	12,335.84	11,078.00
06-409-000-036 Electric	40,804.59	250,000.00	16.3%	194,594.46	250,000.00
06-409-000-037 Water	1,107.47	20,000.00	5.5%	11,920.39	20,000.00
06-409-000-052 Bldg Maint & Repair	-	10,000.00	0.0%	-	10,000.00
06-409-000-260 Building Supplies & Small Tools	-	15,000.00	0.0%	-	15,000.00
06-409-000-427 Waste Disposal	-	-	#DIV/0!	-	-
	47,320.76	330,000.00	14.3%	234,156.17	326,078.00
<u>Operations:</u>					
06-420-000-020 Supplies	635.27	50,000.00	1.3%	25,452.90	50,000.00
06-420-000-022 Chemicals	2,130.44	15,000.00	14.2%	8,096.12	15,000.00
06-420-000-023 Propane and Fuel Oil	-	5,000.00	0.0%	2,991.41	5,000.00
06-420-000-025 Maintenance & Repair	4,427.01	120,000.00	3.7%	158,210.00	120,000.00
06-420-000-030 Testing	6,304.20	35,000.00	18.0%	36,203.10	35,000.00
06-420-000-031 Pump & Haul	16,237.36	60,000.00	27.1%	100,218.05	50,000.00
06-420-000-032 Vegetation Management	-	20,000.00	0.0%	5,895.00	20,000.00
06-420-000-035 Permits	650.00	5,000.00	13.0%	2,878.00	5,000.00
06-420-000-042 Dues and Memberships	-	-	#DIV/0!	75.00	-
06-420-000-045 Contracted Services	28,460.00	150,000.00	19.0%	161,528.16	150,000.00
06-420-000-048 Misc expenses	-	10,000.00	0.0%	289.00	10,000.00
06-420-000-235 Vehicle Maintenance	372.87	2,000.00	18.6%	-	2,000.00
06-420-000-329 PA One Call	93.88	2,500.00	3.8%	1,874.59	2,500.00
	59,311.03	474,500.00	12.5%	503,711.33	464,500.00

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended February 28, 2021
(Continued)

		Actual 2021 YTD	Budget 2021	% of Budget	Actual 2020 <i>(Unaudited)</i>	Budget 2020
	<u>Capital:</u>					
06-483-000-000	Capital Repair	-	100,000.00	0.0%	94,658.53	50,000.00
06-483-000-100	Capital Construction	-	2,700,000.00	0.0%	-	1,500,000.00
06-493-000-083	Depreciation	-	100,000.00	0.0%	-	100,000.00
		-	2,900,000.00	0.0%	94,658.53	1,650,000.00
Total Expenditures before Operations Agreement and Transfers		\$ 229,230.95	\$ 4,299,756.00	5.3%	\$ 1,643,739.58	\$ 3,075,869.00
Net Income before Operations Agreement and Transfers		\$ 442,643.51	\$ 3,237,494.00	13.7%	783,243.79	921,232.00
	<u>Other:</u>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	-	#DIV/0!	-	-
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	-	236,744.00	0.0%	237,407.79	237,494.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	-	336,200.00	0.0%	335,279.75	335,300.00
		-	572,944.00	0.0%	572,687.54	572,794.00
06-492-000-010	Transfer to Sewer Fund	-	-	#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!	-	-
		-	-	#DIV/0!	-	-
TOTAL EXPENDITURES		\$ 229,230.95	\$ 4,872,700.00	4.7%	\$ 2,216,427.12	\$ 3,648,663.00
OPERATING INCOME		\$ 442,643.51	\$ 2,664,550.00	16.6%	\$ 210,556.25	\$ 348,438.00

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Receivables and Collections

	February 2021	January 2021	Change
Beginning Receivable Balance	289,022.06	289,022.06	-
<u>Billings:</u>			
Calculated charges billed	577,354.55	576,446.50	908.05
Billing adjustments			-
Late payment penalty		-	-
Adjustments	(973.36)	(498.39)	(474.97)
	865,403.25	864,970.17	433.08
<u>Less:</u>			
Collections*	403,035.41	43,688.58	(359,346.83)
 Receivable balance, month end	 462,367.84	 821,281.59	 (358,913.75)

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)

	2/29/2020	11/30/2020	12/31/2020	1/31/2021	2/28/2021
Number of delinquent accounts	105	186	143	118	208
Total delinquent balance	\$ 156,809	\$ 244,592	\$ 237,326	\$ 210,684	\$ 260,473

2021 Payment Schedule

	<u>Bills Mailed</u>	<u>Payment Due</u>
First quarter	1/31/2021	3/1/2021
Second quarter	4/30/2021	5/31/2021
Third quarter	7/31/2021	8/31/2021
Fourth quarter	10/31/2021	11/30/2021

EXECUTIVE SUMMARY

This Act 537 Plan (Plan) was prepared for Upper Uwchlan Township (Township) at the request of the Pennsylvania Department of Environmental Protection (PA DEP) in accordance with Act 537, entitled “Pennsylvania Sewage Facilities Act”, Title 25, Chapter 71 of the Pennsylvania Code and the Pennsylvania Department of Environmental Protection Act 537 Plan Content and Environmental Assessment Checklist. This Plan addresses the requirements necessary to meet future public sanitary sewer service needs of the Township for those areas of the Township that are not currently served by the Route 100 Regional Wastewater Treatment Plant nor the existing satellite wastewater treatment plants.

The Plan is comprised of the following components addressed in the Plan of Study:

- I. Previous Wastewater Planning
- II. Physical and Demographic Analysis
- III. Existing Sewage Facilities in the Planning Area
- IV. Future Growth and Development
- V. Alternatives to provide for new or improved wastewater disposal facilities
- VI. Evaluation of Alternatives
- VII. Institutional Evaluation
- VIII. Selected Wastewater Treatment and Institutional Alternative

Wastewater sewage facility needs in the Township were examined from the perspective of making every effort to continue to protect the high-quality nature of the Marsh Creek and Pickering Creek watersheds. From a planning perspective, the needs are addressed as follows:

1. Extension of public sanitary sewer service to properties currently served by individual on-lot disposal systems.
2. Retiring of existing satellite wastewater treatment facilities to further protect the high-quality nature of the watershed.
3. Continued implementation of the Upper Uwchlan Township Septage Management Ordinance (as adopted at the February 19, 2019 Board of Supervisors meeting; Ordinance #2019-02, Article III).

To that end, selected planning alternatives considered to best accomplish these goals include:

1. Retirement of the Meadow Creek Community Treatment Facility and connection of the existing collection system to the Greenridge Collection and Conveyance system with treatment at an upgraded Greenridge Wastewater Treatment Plant.
2. Retirement of the Saybrooke Wastewater Treatment Facility and connection of the existing collection system to the Reserve at Eagle Pump Station #2. The wastewater would receive ultimate treatment at the Route 100 Wastewater Treatment Plant.
3. Extension of the Byers Road sewer main to serve the smaller parcels near Byers Road's intersection with Senn Drive. Sanitary sewer service would then be extended south along Senn Drive toward Township Line Road. Wastewater would be conveyed to the Route 100 Wastewater Treatment Plant.
4. Extension of public sanitary sewer service to the Bordeaux Estates Subdivision. Wastewater would be conveyed from Bordeaux Estates to the Little Conestoga Pump Station and then conveyed to the Route 100 Wastewater Treatment Plant for treatment and disposal.
5. Retirement of the Eagle Pointe Wastewater Treatment Plant stream discharge. Wastewater would be redirected to the central collection and conveyance system for ultimate treatment at the Route 100 Wastewater Treatment Plant.
6. Continued implementation and enforcement of the Township's Septage Management Ordinance for those properties that will continue to utilize on-lot disposal.

From the perspective of implementing these alternatives, an opinion of planning-level costs for each are:

1. Meadow Creek Wastewater Treatment Facility Retirement and Collection System Extension to the Greenridge system (w/upgrades to the Greenridge WWTP): \$2,984,070
2. Saybrooke Wastewater Treatment Facility Retirement: \$1,345,000
3. Extension of the Byers Road Collection System: \$2,480,000
4. Extension of public sewer service to Bordeaux Estates: \$8,315,000
5. Retirement of the Eagle Pointe Wastewater Treatment Plant Stream Discharge: \$400,000

The infrastructure improvements being proposed will be paid for and financed primarily through general obligation bonds. Additional funding may be through private contributions and/or grants if available. The following is an implementation schedule for the planning process:

Description	Date
Meet with UUTMA to discuss the preliminary draft of the 537 Planning	March 2021
UUTMA Review of the preliminary draft of the 537 Plan	April 2021
Submit 537 Plan to the Chester County Planning Commission (CCPC), the Chester County Health Department (CCHD), and Township Planning Commission	May 2021
Receive comments from the CCPC and CCHD	July 2021
Make revisions to the Plan and Respond to CCPC and CCHD comment.	July 2021
Conduct a 30-day Public Comment Period	August 2021
Schedule Informational Public Meeting to Review and Discuss the 537 Plan	September 2021
Make revisions to the Plan and respond to Public Comments	October 2021
Adoption of the 537 Plan via Resolution	November 2021
Submit the 537 Plan to PA DEP for review	December 2021
Receive PA DEP comments	March 2022
Make revisions to the Plan per PA DEP comments	March 2022
Respond to PA DEP comments	April 2022
Receive PA DEP Approval	May 2022

Clean Water, Inc.

170 Dallas St.
Box 475
Atglen, Pa. 19310

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

March 19, 2021

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

RE: Report for the March 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

Spray rates will increase with the warmer temps. The number two pump at the Byers Station influent station was not discharging water. M and S Services was called. As I write this, I do not know the reason or outcome. All lagoon aerators have been turned on for the season. I repaired a few broken risers at Ewing West Vincent. McGovern removed sludge. After the new screen and brushes are installed on the Lakeside screen, I will have McGovern out to really clean the channel prior to using the unit. The blowers for the storage tanks have been shut off. I may have to turn them on later to combat odors, however.

Eaglepointe

Plant is running well. We did have an unusual high flow day recently. While we did locate some possible reasons for this, nothing definitive was determined. Flows returned to normal the next day. There was some additional hauling needed as a result.

Marsh Harbour

Plant is running fine. Spray will be increasing here as well. The influent pump station was cleaned by McGovern.

Lakeridge

Plant is running fine. There were no operational issues to report this past month. Sludge was removed. The influent pump station was cleaned.

Clean Water, Inc. Wastewater Treatment Specialists

Saybrooke

Facility is running fine. Sludge was removed by McGovern.

Greenridge

Drip was shut off for low level. It will be returned shortly. I added aqua shade as a preventative measure for algae.

St. Andrews

Plant is running fine. Sludge was removed. We raked the sand filters. The permit renewal application is due soon. We expect to have it completed next month for submittal.

Additional info

By the time of your meeting the Chapter 94 reports will be submitted to the DEP. I will be providing copies for your records.

That is all for now, please call with any questions.

Respectfully,

Brian Norris



321 N. Furnace Street
Suite 200
Birdsboro, PA 19508
T 610.495.0303
F 610.495.5855

MEMORANDUM

TO: Upper Uwchlan Township Municipal Authority

FROM: G. Matthew Brown, P.E., DEE

RE: Project Status Report

PROJECT NO.: 17000.00

DATE: March 17, 2021

The following is the status of current wastewater projects within the Township:

Byers Station

Village at Byers Station (5C), Lot #1 Townhouse Parcel: The Village at Byers Station (Parcel 5C) pre-construction meeting was held on October 18, 2017. Construction is expected to start within three weeks. The Village at Byers Station (Parcel 5C) site contractor, by email dated November 14, 2017, started submitting its sanitary sewer shop drawing submittals. ARRO reviewed and commented on the submittals. Brubacher Excavating started sanitary sewer installation work on January 4, 2018. The Village of Byers Station (5C) sanitary sewer installation work continues through February 2018, approximately 40% of the sewer mains and laterals have been installed. Sanitary sewer installation work continues through March 2018. As of mid-April 2018, all sanitary sewer mains and laterals have been installed and air tested, while 75 percent of the sewer mains have also passed deflection testing. As of mid-May 2018, all sanitary sewer mains have passed pressure and deflection testing and only manhole vacuum testing remains to be done after base paving is completed. Vacuum testing of each sanitary sewer manhole on the site was completed on July 11, 2018. ARRO approved escrow release No. 1 in the amount of \$302,330.01 by letter dated September 6, 2018. Installation of the gravity house service line to each new townhouse began on September 13, 2018. ARRO reviewed the sanitary sewer videos submitted by Toll Brothers on October 19, 2018. The pipe is in good condition with only minor debris in a few runs that need to be flushed and cleaned. ARRO emailed Toll Brothers on November 2, 2018 with a list of the runs that needed cleaned.

Installation of the last four house service lines to new townhouses was completed on March 3, 2021.

Village at Byers Station (5C), Lot #2 Residential / Commercial Parcel: ARRO reviewed the Village of Byers Station (5C) – Lot #2 Commercial Parcel's Sewage Facilities Planning Module (SFPM) package. The Developer's engineer submitted a 9,025 gpd sanitary sewer capacity request at the Route 100 WWTP facility. ARRO reviewed the Amended Final PRD Plans submitted by Bohler Engineering and prepared a February 27, 2018 letter to the Township with comments to the Plans. Sewage Facilities Planning Modules were sent to PADEP on April 18, 2018. ARRO reviewed Amended Final PRD Plans, last revised May 7, 2018, and submitted a May 30, 2018 letter to the Township containing comments to the Plans. Additional revised Plans were submitted on July 12, 2018 and are currently under review. The PADEP SFPM approval letter, dated June 27, 2018, was received by the Township. Vacuum testing of each sanitary sewer manhole on the site was completed on

July 11, 2018. By email dated July 4, 2018, ARRO requested of Toll Brothers that they submit an agreement document between Toll and BPG Partners, Ltd. stipulating that after BPG has the binder course paving completed each manhole will again be vacuum tested and BPG will repair any manhole that fails its vacuum re-test. ARRO submitted a July 19, 2018 sanitary sewer comments letter to the Township regarding the additional revised Plans submitted by Bohler Engineering on July 12, 2018. Toll Brothers submitted a July 30, 2018 letter acknowledging it will be responsible to ensure that the sanitary manholes in 5C Commercial will be tested after construction of the commercial portion of the subdivision. Toll requests the Authority require the testing to be a component of the financial security agreement as it relates to the commercial site work. ARRO prepared an August 31, 2018 letter to the Township with comments to the latest Final PRD Plans, last revised August 30, 2018. Eight buildings with various uses are proposed with a sewer capacity of 9,025 gallons per day. On March 18, 2019, ARRO received the draft of a revised land development drawing from Bohler Engineering presenting a new layout arrangement consisting of 67 townhome units, a coffee shop, retail store and a daycare center, and also a revised sanitary sewer capacity request of 15,195 gpd. On July 9, 2019, ARRO received from Bohler Engineering Revision 1 to the Lot #2 land development drawings. The drawings now show 55 townhome units, a 1-½ story retail building and a 2-story mixed-use commercial building. There is a revised sanitary sewer capacity request of 12,872 gpd. ARRO is reviewing the sanitary sewer portion of the drawings. ARRO prepared a July 24, 2019 comments letter to the Revision 1 land development drawings. On August 20, 2019, ARRO received revised Bohler Engineering Lot #2 land development drawings, Revision 2, dated August 16, 2019. ARRO is reviewing the sanitary sewer portion of the drawings. ARRO prepared a September 3, 2019 comments letter to the sanitary sewer portion of Bohler Engineering Lot #2 land development drawings, Revision 2, dated August 16, 2019. At the October 14, 2019 UUT Board of Supervisors meeting it was approved to send the revised Lot #2 Commercial Parcel SFPM package to PADEP. ARRO is assisting Bohler Engineering in preparing responses to comments contained in PADEP's October 31, 2019 review letter regarding the revised Lot #2 Commercial Parcel SFPM package. The Authority Administrator sent a December 9, 2019 letter to PADEP with responses to comments contained in the October 31, 2019 review letter regarding the revised Lot #2 Commercial Parcel SFPM package. Bohler Engineering reported to PADEP on January 3, 2020 that the Authority Administrator pronounced Upper Uwchlan will own the sanitary sewer main that will run within a dedicated easement through Lot 2 and connect to the sewer in Station Boulevard. A May 22, 2020 letter to Toll Brothers was prepared under Authority letterhead stating 12,872 gpd of capacity must be purchased by Toll from the Authority for the Lot #2 residential and commercial portions of the project. ARRO received revised land development plans, dated October 8, 2020. ARRO reviewed the plans and had no additional comments to the sanitary sewer portions of the plans. ARRO reviewed the sanitary sewer escrow submitted on October 12, 2020 by Toll Brothers. ARRO prepared an October 13, 2020 letter to the Township stating it had no comments to the \$147,396.00 sanitary sewer escrow estimate. The project's preconstruction meeting was held on October 21, 2020. Work to clear and rough grade the site is expected to start at the beginning of November 2020. Sanitary sewer installation is not expected to start until February 2021. Toll Brothers submitted the project's site sanitary sewer construction bond to the Township. ARRO reviewed and commented on sanitary sewer shop drawings submitted by the site contractor, Lyons & Hohl. Toll Brothers' 55 townhomes (Lot 2A, Residential), rated at 185 gpd each, has a total sewage flow of 10,175 gpd. Toll submitted certification to ARRO documenting the repurchase of 6,560 gpd Toll originally sold to Byers Retail

Acquisition Limited Partnership for the previously proposed commercial improvements of the parcel. Toll will purchase the remaining 3,615 gpd it needs at \$70 per gallon for treatment and disposal. The total amount due from Toll to Upper Uwchlan Township Municipal Authority being \$253,050 as a single, upfront payment to the Authority. According to the Township Finance Department, Toll Brothers has paid the Township the \$253,050.00 for the 55 townhomes (Lot 2A, Residential) treatment and disposal costs. Installation of sanitary sewer is tentatively scheduled to start on January 25, 2021. Sanitary sewer construction started on January 26, 2021.

Sanitary sewer construction continues.

Byers Station (6C), Vantage Point–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.

Nothing new to report.

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.

Nothing new to report.

Liberty Union Bar & Grille: Liberty Union effluent was tested and BOD, fat & oil and nitrogen results were found to be higher than the Non-Residential Waste Discharge (NRWD) resolution limits. A November 13, 2017 letter was sent to Liberty Union advising them of their discharge overages and the need to meet with the Authority Administrator, Clean Water and ARRO to discuss how Liberty Union could lower the three elevated discharges. The meeting will take place on November 30, 2017. The Authority Administrator, Clean Water and ARRO met with Liberty Union on November 30, 2017 to discuss how to lower the three elevated discharges. Liberty Union stated they will institute existing grease trap cleaning reforms and update their dish cleaning policy. Clean Water will take additional samples periodically to check the reforms. Clean Water conducted a grab sampling of Liberty Union discharges on January 31, 2018. Sampling test results for Phosphorus, BOD and Oil/Grease continue to be above the Authority's NRWD resolution limits. ARRO had a telephone discussion with Liberty Union on February 23, 2018 about high sampling results. Liberty Union requested a third sampling as a composite sample like the first sampling. The Authority Administrator authorized Clean Water to set up the new composite sampling, which was done over February 19 and 20. A lab error occurred with the sample collected on March 29, 2018. The lab scheduled another sampler collection for April 5 into April 6, 2018. ARRO has not received the latest sampling test results. ARRO transmitted the April 6, 2018 test results to Liberty Union. ARRO is preparing comments to Liberty Union questions on the test results. ARRO prepared comments to Liberty Union questions on the test results. Ten random grab samples for analysis will be taken from the Liberty Union pump station wetwell. Two grab samples have been analyzed and BOD exceeds 1000 mg/L in both samples. The results of two grab samples (collected September 25 and 27) were received and the BOD is below 500 mg/L in both. The results of seven grab samples collected between September 5 and October 10, 2018 all had BOD above the NRWD maximum 250 mg/L threshold, the highest result was 1,700 mg/L. The Authority Administrator and ARRO conducted a meeting with Liberty Union and Epicurean Garage to discuss grease traps and grease entering the sanitary sewer system.

ARRO is in the process of updating the Non-Residential Waste Discharge resolution.

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.

Nothing new to report.

Ewing Tract

Nothing new to report.

Fetter Farm Tract (Preserve at Marsh Creek)

ARRO received a request from a developer engineer for information on available treatment capacity to serve the Tract and met with the Township Manager and developer engineer on September 18, 2012, to discuss treatment capacity and conveyance to the Route 100 WWTP. On August 5, 2014 a meeting with held at the Township Building with The McKee Group to discuss the active adult community proposed by the Developer for the property. A subsequent meeting was held at the Township Building on August 14, 2014 with the Township, Developer and Authority Administrator to discuss sewage flows and disposal. ARRO reviewed a Conditional Use Plan for Fetter's Property prepared for McKee-Milford Associates, LP, dated October 12, 2016. ARRO prepared a review letter to the Township, dated November 8, 2016. The Developer is proposing 375 Housing Units, which will produce 62,675 gallons per day of sanitary sewer flow. The Developer is proposing participation in upgrades to the Route 100 Regional WWTP facility that will trigger the Phase 3 expansion of the WWTP. A review of the capacity within the downstream collection and conveyance system is required to determine the extent of improvements necessary to accept the proposed sewage flow. Preliminary Subdivision/Land Development Plans were submitted to ARRO and are currently under review. The Plans call for 375 mixed Single Family, Twin and Triple units and a Community Center to be built in the subdivision. The subdivision will connect to the Reserve at Eagle by way of Prescott Drive and to the Reserve at Chester Springs by way of Radek Court. The sanitary sewer disposal requirements are calculated to be 62,675 gpd. On-site drip disposal capacity is calculated to be 42,643 gpd, and the off-site sewage disposal requirement is 20,032 gpd. The combination gravity and low-pressure sanitary sewer systems will be directed to the Reserve at Eagle Pump Station No. 1 off Prescott Drive. Preliminary Subdivision/Land Development Plans were submitted and reviewed by ARRO. ARRO comments were submitted in an April 10, 2017 letter to the Township. ARRO is in the process of reviewing the June 15, 2017 resubmission of the Preliminary Subdivision/Land Development Application. ARRO reviewed the June 15, 2017 resubmission of the Preliminary Subdivision/Land Development Plan and submitted comments to the plan in a July 10, 2017 letter to the Township. ARRO also reviewed the subdivision's low-pressure sewer system design calculations and submitted comments to the design in a July 12, 2017 letter to the Township. ARRO reviewed an August 1, 2017 revision to the low-pressure sewer system design calculations and drawings and submitted an August 16, 2017 letter to the Township with comments to the revision materials. ARRO has started an evaluation of the Reserve at Eagle Pump Station No. 1 to ascertain its capability to accept the Fetter Tract design sanitary sewer disposal requirements. ARRO received revised Preliminary Subdivision/Land Development Plans on September 14, 2017. ARRO reviewed the Plans and sent an October 3, 2017 review comments letter to the Township. ARRO continues an evaluation of the Reserve at Eagle Pump Station No. 1 to ascertain its capability to accept the Fetter Tract design sanitary sewer disposal requirements. The evaluation is substantially complete with the exception of emergency generator assessment. ARRO continues an evaluation of Upland Farms drip disposal to ascertain the facility's capability to store and dispose the Fetter Tract effluent. ARRO reviewed the Sewage Facilities Planning Module (SFPM) and is working on the sanitary sewer review. The Authority Administrator signed the SFPM Component 3 Sections G and J. The Board of Supervisors approved the SFPM resolution at the April 16, 2018 meeting. The developer's engineer stated in an April 17 email to the Authority Administrator that the SFMP is close to being submitted to PADEP for review. The Sewage Facilities Planning Module was sent to PADEP on April 18, 2018. Ebert Engineering requested Authority assistance in preparation of a response to comments received from PADEP on the Sewage Facilities Planning Module. ARRO is working on a response. ARRO assisted Ebert Engineering in preparation of letter responses to comments received from PADEP to the Sewage Facilities Planning Module. ARRO transmitted its responses to Ebert Engineering on November 1, 2018. ARRO in association with Ebert Engineering prepared a December 13, 2018 letter to PADEP in response to PADEP Sewage Facilities Planning Module comments. ARRO reviewed the Water Quality Management Part II Permit application, dated July 23, 2019 as submitted

by Ebert Engineering on July 26, 2019, along with the supporting design reports for the low-pressure sewer system and the upgrades to the Reserve at Eagle Pump Station No.1. ARRO sent comments to Ebert Engineering by email dated August 13, 2019. Ebert subsequently revised its documents based on ARRO comments and resubmitted the documents. ARRO is currently reviewing the revised documents. ARRO reviewed the latest revised Water Quality Management Part II Permit application package received August 21, 2019 from Ebert Engineering. ARRO has no further comments to Ebert's permit application, only ARRO comments remain to be addressed on E. B. Walsh's land development drawings regarding the lining of low-pressure force main discharge manholes. Ebert Engineering sent to PADEP the WQM Part II Permit Application package by transmittal letter dated October 3, 2019. On October 15, 2019 ARRO received from E. B. Walsh the latest Subdivision and Land Development Plan drawings entitled "The Preserve at Marsh Creek" along with a response letter to previous plan review comments. ARRO will review and comment on the sanitary sewer portion of the latest drawings. ARRO reviewed and on November 1, 2019 issued comments to the Phases 1 and 1A sanitary sewer escrow calculations as submitted by the McKee Group. McKee Group issued revised escrow calculations on November 15, 2019 in response to ARRO comments. The Preserve at Marsh Creek preconstruction meeting was held on December 4, 2019. Site survey and erosion control measures work will be starting within two weeks. ARRO has requested a schedule of sanitary sewer installation work from the site contractor. 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.

Work continues on installation and testing of gravity and low-pressure sewer system mains.

Installation of the gravity house service line to each new home continues as required.

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.

Greenridge

Open Community Adaptive Reuse Development (OCARD): On August 1, 2017 a meeting with the Developer was held at the Township to discuss the sanitary sewer options for the redevelopment of the former Upattina School parcel (Open Community Adaptive Reuse Development, a.k.a OCARD). ARRO is reviewing a revised Section H of the Sewage Facilities Planning Module submitted by the Developer on August 8, 2017. ARRO reviewed a revised Sewage Facilities Planning Module Section H submitted by the Open Community Developer. The Sewage Facilities Planning Module (SFPD) now includes the revised Section H, and the Component 4 submissions have been forwarded to Chester County's Planning Commission and Health Department. ARRO conducted a site visit to a property which utilizes an Ecoflow unit similar to that proposed for on-site wastewater pre-treatment at the Open Community project. Chester County Planning Commission and Health Department returned the Open Community Components 4A, 4B and 4C. Component 3 Sections G and J were completed. The Township authorized sending the SFPD package to PADEP for review. The Authority Administrator prepared a March 14, 2018 letter to Warwick Land Development stating the Authority continues to lack sufficient information from Warwick before the Authority could agree to operate the pretreatment facility proposed for the Open Community Adaptive Reuse Development. On behalf of the Open Community Developer, on November 13, 2018 Boucher & James submitted sewer connection plans for review. ARRO is in the process of reviewing the plans and will issue comments in a separate letter. ARRO completed its review of the November 13, 2018 Boucher & James sewer connection plans and issued a November 28, 2018 comments letter to the Township. Subsequently, Boucher & James submitted to ARRO a response email on December 3, 2018 along with revised plans, last dated December 3, 2018. ARRO is reviewing the email responses and the latest revised plans. On February 25, 2019 PADEP released the WQM permit for the Open Community Adaptive Reuse Project. On March 12, 2019 the Township received a sewer permit application from the Developer. ARRO is setting up a pre-construction meeting for the Open Community Adaptive Reuse Project. 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 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 March 17, 2021.

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 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.

Jankowski (Chester Springs Crossing)

ARRO issued a May 5, 2017 review letter to the Township with comments to the September 13, 2016 Conditional Use Plan for the Jankowski Tract. On February 2, 2018, the Developer's engineer submitted for review subdivision plans of a 55 Single Family Housing unit community. ARRO is working on a review of the sanitary sewer portion of the subdivision plans. ARRO completed its review of the Preliminary/Final Subdivision-Land Development Plan submitted by E. B. Walsh and prepared a February 26, 2018 letter to the Township with comments to the Plans. ARRO responded to Toll Brothers regarding the Windsor Ridge Pump Station capacity to receive Jankowski estimated sanitary flow. ARRO reviewed the Preliminary/Final Subdivision-Land Development Plan, last revised May 18, 2018, and prepared June 11, 2018 comments to the Township. Sewage Facilities Planning Module Components 4A, 4B and 4C were received. Presently the project is in the 30-day Public Notice

periods, which upon completion the Township can submit the components to PADEP. The Authority Administrator sent an August 14, 2018 letter to Chester County Health Department (CCHD) regarding CCHD's Component 4C comment about malfunctions along Surrey Lane, Font Road and Carriage Drive. The Administrator stated the Authority will be evaluating future extensions in these areas. Subsequently, ARRO conducted a small conceptual planning study to sewer these areas. ARRO presented three sewer extension options and cost opinions to the Authority Administrator for review and comment. The first gravity and low-pressure sewer concept sends all flow through the Jankowski tract, the second all-gravity sewer concept sends some flow through Jankowski and the remainder to Reserve at Eagle, while the third all gravity sewer concept sends all flow to the Reserve at Eagle. ARRO is reviewing the latest Preliminary/Final Subdivision Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. SFPM Components 4A, 4B and 4C were received, but the bog turtle clearance letter from PA Fish & Wildlife is still outstanding. The UUT Board of Supervisors authorized the resolution needed for the Sewage Facilities Planning Module at their October 15, 2018 meeting but are holding it until the clearance letter is issued. ARRO prepared an August 30, 2018 sanitary sewer review letter to the latest Preliminary/Final Subdivision-Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. On February 4, 2019, ARRO received the preliminary sanitary sewer escrow calculations from Toll Brothers. ARRO reviewed the calculations and returned comments to Toll. Revised calculations were received and after review were accepted by ARRO. ARRO prepared and sent a letter to the Township recommending acceptance of the sanitary escrow in the amount of \$425,955.60. On February 27, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by letter dated March 11, 2019. On March 18, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by email dated April 1, 2019. On April 2, 2019 ARRO received from Toll Brothers a revised sanitary sewer escrow calculation based on the latest E. B. Walsh drawings. ARRO prepared an April 2 letter to the Township recommending accepting the revised escrow amount. ARRO received a May 22, 2019 email from Toll Brothers stating Jankowski construction might start in July 2019. A pre-construction meeting for the project has been scheduled for July 24, 2019. ARRO attended the July 24, 2019 pre-construction meeting and the August 21, 2019 PennDOT HOP site meeting. Sanitary sewer installation for the project is set to begin on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Sanitary sewer installation for the project began on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Garrison Drive sanitary sewer installation is almost complete and the contractor intends to continue its work in the Jankowski site. The boring for the sanitary sewer casing under Route 100 linking Jankowski and Windsor Ridge will take place sometime in October 2019. The sanitary sewer casing boring under Route 100 linking Jankowski and Windsor Ridge is scheduled for the week of October 28, 2019. The boring and casing work under Route 100 was completed the week of November 18, 2019. In order to correct a sewer misalignment through the casing Toll Brothers agreed to install two new manholes, one upstream and one downstream of the casing, and also relocate a recently installed manhole to achieve minimum sewer slope required by PADEP. Sanitary sewer installation continues within the site. Over the weeks of January 6 through January 13, 2020 two new manholes, one upstream and one downstream of the casing, were installed and one existing manhole in Garrison Drive was relocated to achieve minimum sewer slope required by PADEP. Sanitary sewer installation still continues within the site. Testing of sanitary sewer through Milford Road Extension, across Route 100 and in Windsor Ridge's Garrison Drive started the last week of January 2020 and continued into early February; all testing was positive. Installation of the gravity house service line to each new home has resumed the week of May 18, 2020. Testing of the onsite sanitary sewer continued the week of June 15, 2020. Testing of all onsite sanitary sewer was completed. Sanitary sewer televising was completed and submitted to ARRO for review and comment. ARRO reviewed the sanitary sewer televising submitted by the contractor and is preparing comments.

Installation of the gravity house service line to each new home continues.

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. Ivystone subdivision sanitary sewer cleaning and televising will be done on Monday, January 25, 2021 to check the condition of the sewers. The Ivystone subdivision sanitary sewer cleaning and televising was done on Monday, January 25, 2021. Two sections of sewer where the paving surface above the sewer trench has dish did show a few areas of sag in the piping, but the sags were minor in nature and not considered to have caused the paving irregularity.

Nothing new to report.

Marsh Harbour

ARRO prepared the annual groundwater monitoring report and submitted the report to PADEP on January 28, 2021. ARRO is pursuing getting repairs done to the monitoring well No. 6 casing pipes at the request of Clean Water.

ARRO has contacted C.S. Garber & Sons and is reviewing a quote for the repairs to the monitoring well No. 6 casing pipes.

Reserve at Eagle

Nothing new to report.

Route 100 WWTP

ARRO conducted a study to search for new disposal sites within and near the Township. Mapping was developed for the study and ARRO conducted a preliminary assessment of a potential stream discharge for the WWTP. ARRO presented its findings regarding potential disposal sites at the December 2016 Board meeting. ARRO has prepared a draft of the Route 100 Regional WWTP disposal fields study for the potential to rerate the fields for additional capacity. ARRO engaged a sub-consultant to review the existing disposal field design records, the Route 100 WWTP SBR discharge limits and ARRO study findings. ARRO received the sub-consultant's report and is reviewing the findings. ARRO prepared a revised Route 100 Regional WWTP allocated treatment and disposal capacity summary. Based on an ARRO search and mapping study conducted in late 2016 for new disposal sites within and near the Township ARRO is evaluating a parcel on South Chester Springs Road to propose how the land could be subdivided and will be preparing an estimate of disposal capacity that would be available in the subdivided areas. ARRO evaluated a parcel on South Chester Springs Road to propose how the land could be subdivided and prepared an estimate of disposal capacity that would be available in the subdivided areas. ARRO found two potential 18-acre drip field areas on the parcel each with an average estimated capacity of 100,000 gallons per day. ARRO has initiated preliminary layout design for two potential 18-acre drip fields on the South Chester Springs Road parcel (the Bennett property).

Nothing new to report.

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.

ARRO started work on the Route 100 Regional WWTP WQM permit renewal application. Act 14 notifications were prepared and sent the Upper Uwchlan Township Board of Supervisors and the Chester County Planning Commission by letters dated July 15, 2020. On August 6, 2020 ARRO received a Determination of Consistency letter from the Chester County Planning Commission in response to the Act 14 notification letter. ARRO has started preparation of the 5-Year Comprehensive Groundwater Monitoring Report for inclusion within the WQM permit renewal application. ARRO completed preparation of the 5-Year Comprehensive Groundwater Monitoring Report on September 3, 2020 for inclusion within the WQM permit renewal application. ARRO completed preparation of the WQM permit renewal draft application. The application needs to be signed by the Authority Administrator before being sent to PADEP. ARRO completed the WQM permit renewal application and sent it to PADEP on October 30, 2020.

Nothing new to report.

ARRO has started to prepare the Route 100 Regional WWTP 2020 Chapter 94 report.

Route 100 WWTP – Phase III

ARRO is reviewing the Route 100 Regional WWTP pad-mounted transformer's capacity in planning for the Phase III of the WWTP expansion. On February 12, 2018, ARRO met with a PECO representative at the WWTP to inspect the capacity of the WWTP's existing transformer and review the Phase III project. After ARRO reviewed the transformer data provided by PECO along with additional anticipated Phase III loadings ARRO concluded that the existing transformer will need to be upgraded. 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.

Nothing new to report.

Saybrooke

ARRO is working on a plan for the decommissioning of the Saybrooke WWTP.

ARRO submitted the 2020 Saybrooke WWTP groundwater monitoring report to PADEP on June 19, 2020.

Nothing new to report.

St. Andrews Brae

Nothing new to report.

Upland Farms

ARRO is preparing plans and specifications for a low-pressure grinder pump and force main for the Barn Renovation project. ARRO estimated the purchase of 1 EDU would be required for the barn's intended uses. ARRO is attempting to obtain from PADEP a planning module exemption for the proposed barn sewer connection. ARRO received a November 19, 2020 letter from PADEP stating no planning modules need to be submitted for the proposed barn sewer connection. ARRO is working with the Township's project manager (Boyle Construction) for the sanitary sewer portion of the project.

The Upland Farms Barn Renovation Sanitary Sewer Connection project is out for bids. A pre-bid meeting is scheduled for March 22, 2021 with bids due April 1, 2021.

Waynebrook

Nothing new to report.

Windsor Ridge

Nothing new to report.

Miscellaneous

270 – 290 Park Road (The Townes at Chester Springs) – PADEP issued a May 10, 2017 letter approving the proposed 40 townhouses development that will generate 7,400 gallons of sewage per day to be treated at the Route 100 Regional WWTP. ARRO is reviewing the June 20, 2017 resubmission of Land Development Plans for the project. Toll Brothers will be purchasing the approved plans and will develop and build the project. ARRO reviewed and commented on the draft sanitary sewer escrow spreadsheet submitted by Toll Brothers on June 14, 2017. ARRO reviewed the June 20, 2017 resubmission of Land Development Plans for the project and sent a June 23, 2017 letter to the Township with comments. The project preconstruction meeting was held on July 27, 2017. ARRO reviewed the contractor's sanitary sewer shop drawings. Sanitary sewer installation is tentatively scheduled to start the first week of October 2017. Sanitary sewer installation started on October 9, 2017. Sanitary sewer installation was completed on November 7, 2017. All sanitary sewer testing was completed on December 18, 2017. On February 14, 2018, Toll Brothers informed ARRO that the house service line installations would begin in the later part of February 2018. House service line installations began on February 28, 2018. The last four house service lines were installed and tested during the week of October 1, 2019. Sanitary sewer installation work is

complete, but dedication of sanitary sewer remains. At the request of Toll Brothers as part of dedication, on July 22, 2020 ARRO observed the condition of the site sanitary manholes and will prepare a punchlist of work that needs to be completed before acceptance of the sanitary sewer system. ARRO prepared and submitted to Toll Brothers an August 12, 2020 email with a punchlist of work that needs to be completed before acceptance of the sanitary sewer system. Toll Brothers' contractor completed the punchlist of work that needed to be completed before acceptance of the sanitary sewer system. On August 26, 2020 ARRO observed the repairs done to the sanitary sewer system. ARRO is in the process of reviewing the final sanitary sewer televising. On November 8, 2020, Toll Brothers submitted the sanitary sewer record drawings. ARRO reviewed the drawings and transmitted comments back to Toll on November 12, 2020. Toll Brothers submitted the Maintenance Security Agreement, Grant of Sanitary Sewer Easement and Dedication of Sanitary Sewer Pipeline Facilities, and Assignment of Easement for Sanitary Sewer Pipeline for review and comment. ARRO reviewed the documents and transmitted comments to the Authority counsel. ARRO prepared a January 11, 2021 letter to the Township stating all sanitary sewer construction work is complete and record drawings were submitted and approved; therefore, it is acceptable to approve Toll Brothers' Escrow Release No. 2 (FINAL) amount of \$30,860.60.

Nothing new to report.

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.

Nothing new to report.

Village of Eagle

Byers Road Sanitary Sewer Extension - ARRO preliminary planning for sanitary sewer along Byers Road between Pottstown Pike and Senn Drive was submitted to the Authority Administrator for review and comment. ARRO is preparing the Sewage Facilities Planning Module Component 3M for the sanitary sewer along Byers Road between Pottstown Pike and Senn Drive. ARRO received a completed Component 4A from the Township on October 19, 2017. At the request of the Chester County Health Department, on January 9, 2018, ARRO sent another Sewage Facilities Planning Module Component 3M letter to CCHD for the sanitary sewer extension along Byers Road between Pottstown Pike and Senn Drive. In February 2018 letters were sent to the property owners who will be connected to the new Byers Road sanitary sewer informing them that the project's survey will be commencing. ARRO is continuing to prepare drawings and construction specifications for the sanitary sewer extension. The project's survey work was completed in early March 2018. ARRO has the survey information for inclusion in the plans. ARRO has the design plans and specifications in the final stage of completion. ARRO submitted the highway occupancy permit to PennDOT on April 16, 2018. There were no public comments to the sewage facilities planning module (SFPM) and the Board of Supervisors passed a resolution approving the submission of the SFPM to PADEP. ARRO submitted the Sewage Facilities Planning Module to PADEP on April 27, 2018. Comments from PADEP are expected within sixty (60) days. PennDOT has approved the highway occupancy permit plans and requires payment of \$810 for inspection observation prior to release of the permit. PADEP transmitted its comments to the Sewage Facilities Planning Module by letter dated June 21, 2018. ARRO is in the process of addressing each of the PADEP comments. The PennDOT Highway Occupancy Permit for the project has been received. ARRO submitted an August 6, 2018 letter to PADEP addressing each PADEP comment from its Sewage Facilities Planning Module review letter, dated June 21, 2018. PADEP transmitted a September 5, 2018 letter with additional comments to Sewage Facilities Planning Module. ARRO submitted a response letter addressing each concern on October 17, 2018. PADEP transmitted a November 14, 2018 letter with additional comments to the Sewage Facilities Planning Module. ARRO is reviewing the letter and will address each comment in

a future letter. The Authority Administrator sent a December 20, 2018 letter to PADEP containing responses to PADEP's November 14, 2018 comments to the Sewage Facilities Planning Module. ARRO sent an email to PADEP on January 31, 2019 requesting approval of the Byers Road Sanitary Sewer Extension Sewage Facilities Planning Module. As of March 20, 2019, no response has been forthcoming from PADEP. ARRO is proceeding with preparation of finishing plans and specifications for the bidding of the project. Regarding the Byers Road Sanitary Sewer Extension SFPM and the December 20, 2018 letter sent by the Authority to PADEP, PADEP responded with an April 5, 2019 letter to the Township. PADEP said the December letter did not sufficiently address all of PADEP's concerns with sewage disposal needs identification in the project area. PADEP wants the needs identification submitted by September 3, 2019. ARRO prepared letters that were delivered to property owners in the Byers Road sewer area inviting them to the April 23, 2019 Authority meeting to be held at the Pickering Valley Elementary School. ARRO submitted documents to PennDOT to extend the Byers Road HOP to July 10, 2020 and was granted the extension by PennDOT. At the request of PADEP, on September 26, 2019 ARRO submitted to PADEP a study and \$522,000 cost opinion for potentially providing sewer service to an additional sixteen (16) lots east of the proposed Byers Road Sanitary Sewer Extension terminal manhole. PADEP responded that they will review the study information. 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.

ARRO is studying the feasibility of a sewer extension across Route 100 near Byers Road to pick up commercial business on the west side of Route 100. ARRO is proceeding with the design of the

sewer extension across Route 100 near Byers Road to pick up commercial business on the west side of Route 100. ARRO is continuing work on a plan to extend the proposed Byers Road sewer across Route 100 to the Eaglepointe shopping center entrance. The sewer extension across Route 100 is included as an alternate to the Byers Road Sanitary Sewer Extension project. The amount bid for the Alternate "A" - Sewer Extension Across Route 100 as submitted by the Byers Road Sanitary Sewer Extension project apparent low bidder, Highway Materials, Inc., was \$89,474.00. ARRO is amending the HOP for the Route 100 crossing.

Survey has been completed for the Route 100 crossing.

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 WQM Part II permit application to PADEP on February 15, 2021.

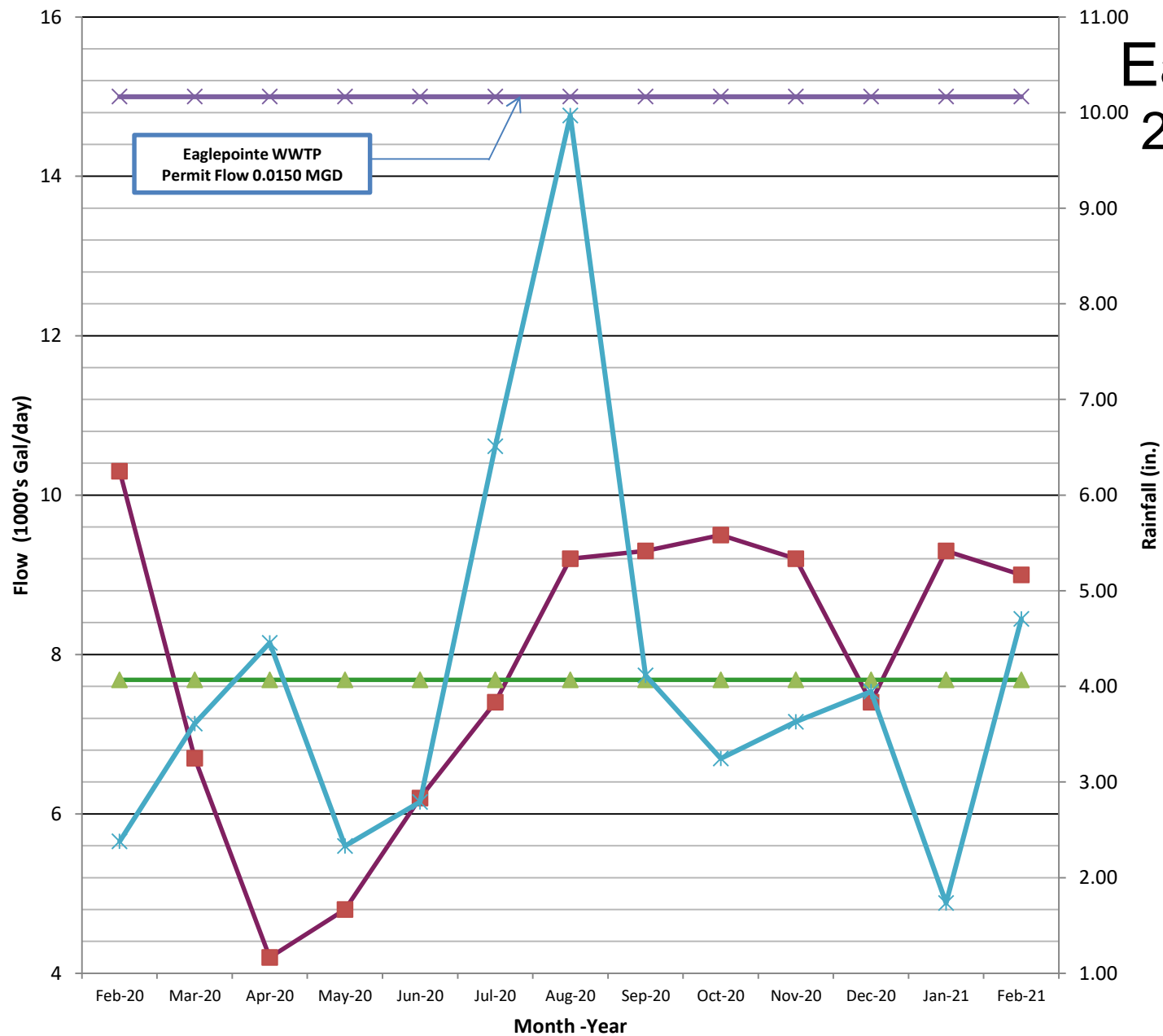
Nothing new to report.

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

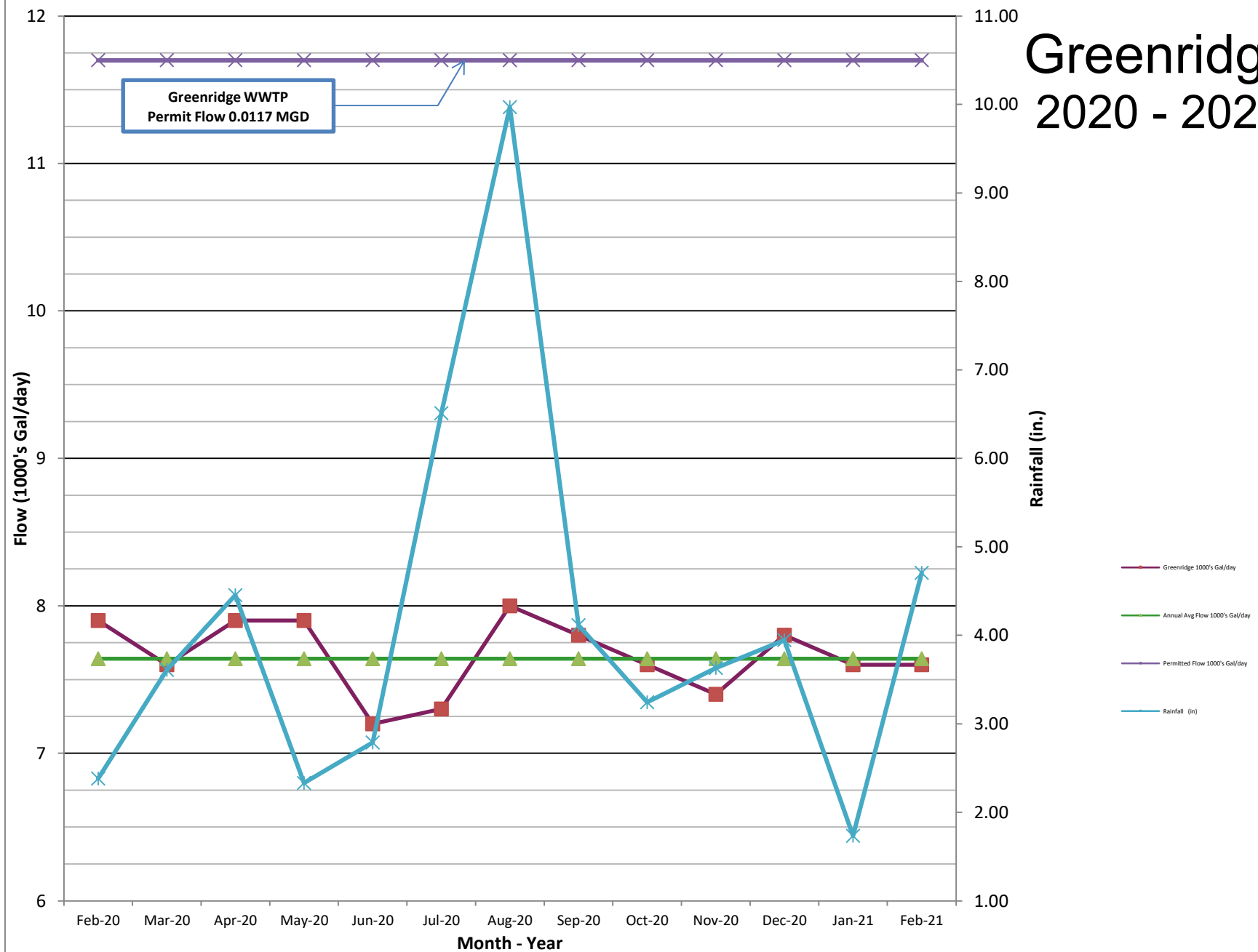
UPPER UWCHLAN MUNICIPAL AUTHORITY
WASTEWATER TREATMENT PLANTS
MONTHLY AVERAGE DAILY FLOWS

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
Feb-20		0.01030	0.00790	0.02360	0.04060	0.33560	0.00780	0.00250	2.38
Mar-20		0.00670	0.00760	0.02870	0.04370	0.37640	0.00700	0.00290	3.61
Apr-20		0.00420	0.00790	0.03000	0.04720	0.38900	0.00790	0.00270	4.46
May-20		0.00480	0.00790	0.02940	0.04540	0.38610	0.00740	0.00220	2.33
Jun-20		0.00620	0.00720	0.02550	0.04230	0.36630	0.00730	0.00140	2.79
Jul-20		0.00740	0.00730	0.02520	0.04070	0.37140	0.00730	0.00120	6.51
Aug-20		0.00920	0.00800	0.02790	0.03970	0.36050	0.00830	0.00130	9.97
Sep-20		0.00930	0.00780	0.02510	0.03830	0.35520	0.00800	0.00110	4.12
Oct-20		0.00950	0.00760	0.02770	0.04120	0.37900	0.00800	0.00190	3.25
Nov-20		0.00920	0.00740	0.02780	0.04230	0.38990	0.00800	0.00260	3.63
Dec-20		0.00740	0.00780	0.02930	0.04500	0.40180	0.00750	0.00250	3.95
Jan-21		0.00930	0.00760	0.02660	0.04460	0.39120	0.00730	0.00260	1.74
Feb-21		0.00900	0.00760	0.02560	0.04190	0.40970	0.00790	0.00280	4.71
Annual Avg Flow =		0.00768	0.00764	0.02740	0.04269	0.38138	0.00766	0.00210	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

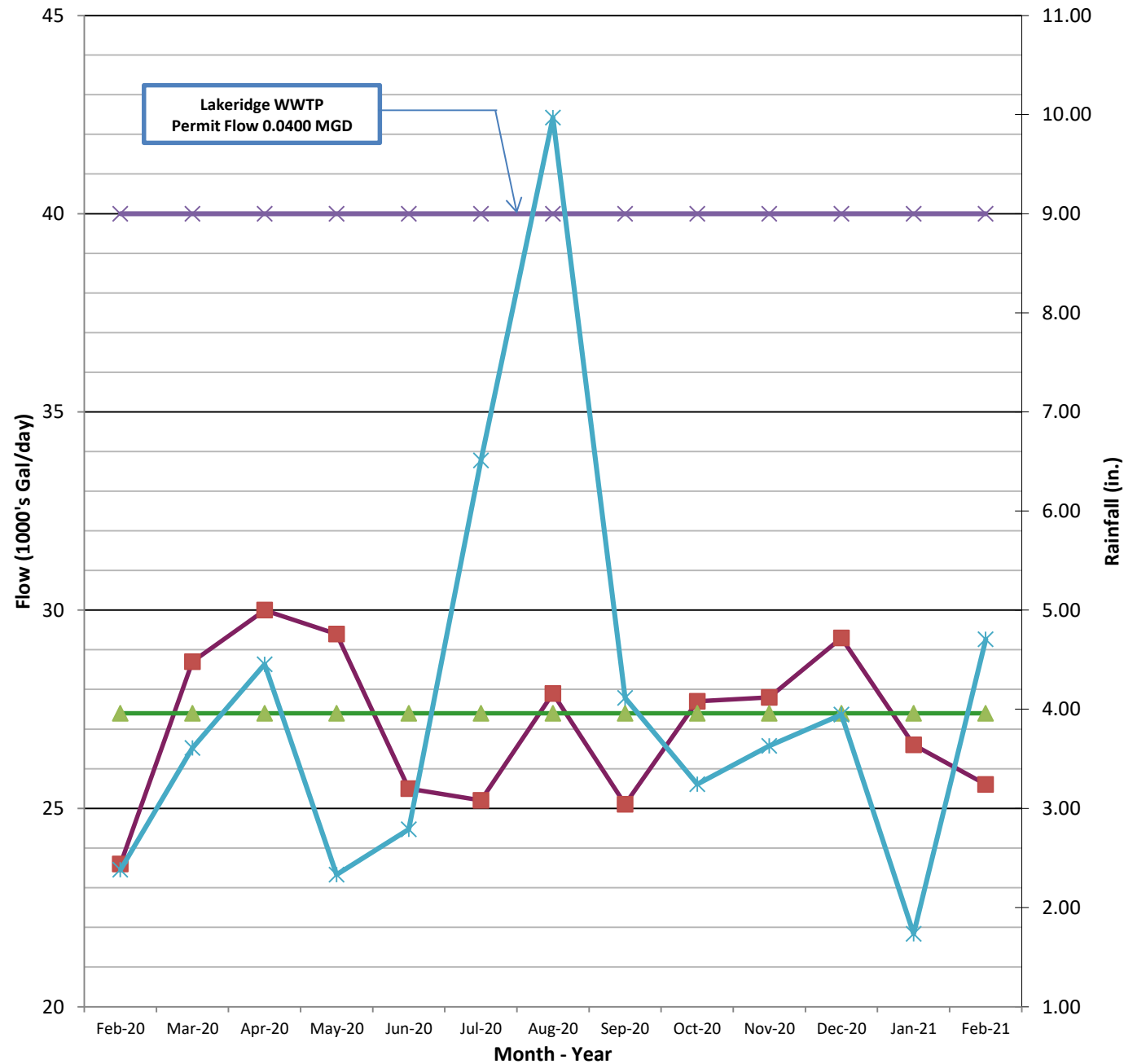
Eaglepointe 2020 - 2021



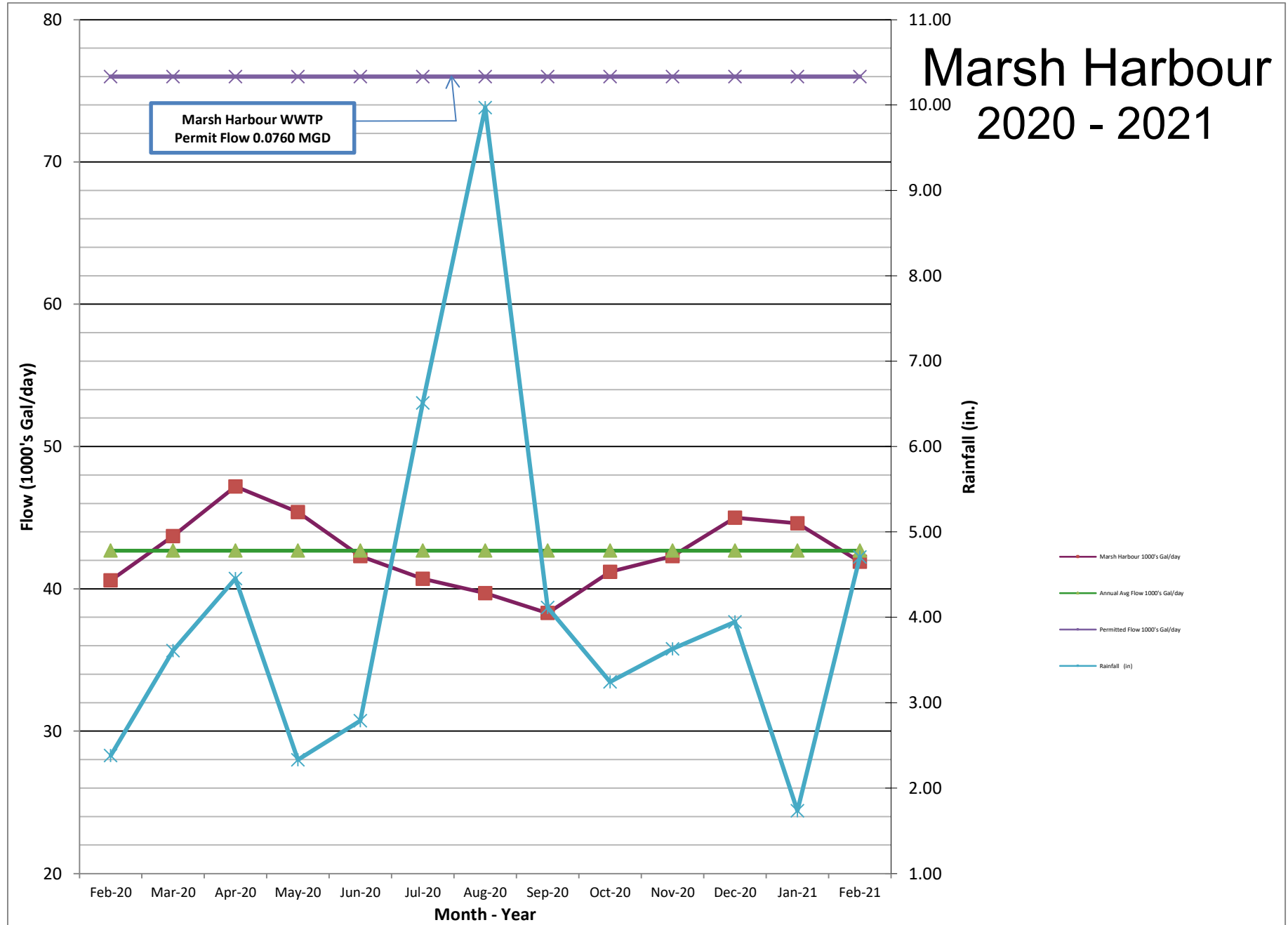
Greenridge 2020 - 2021



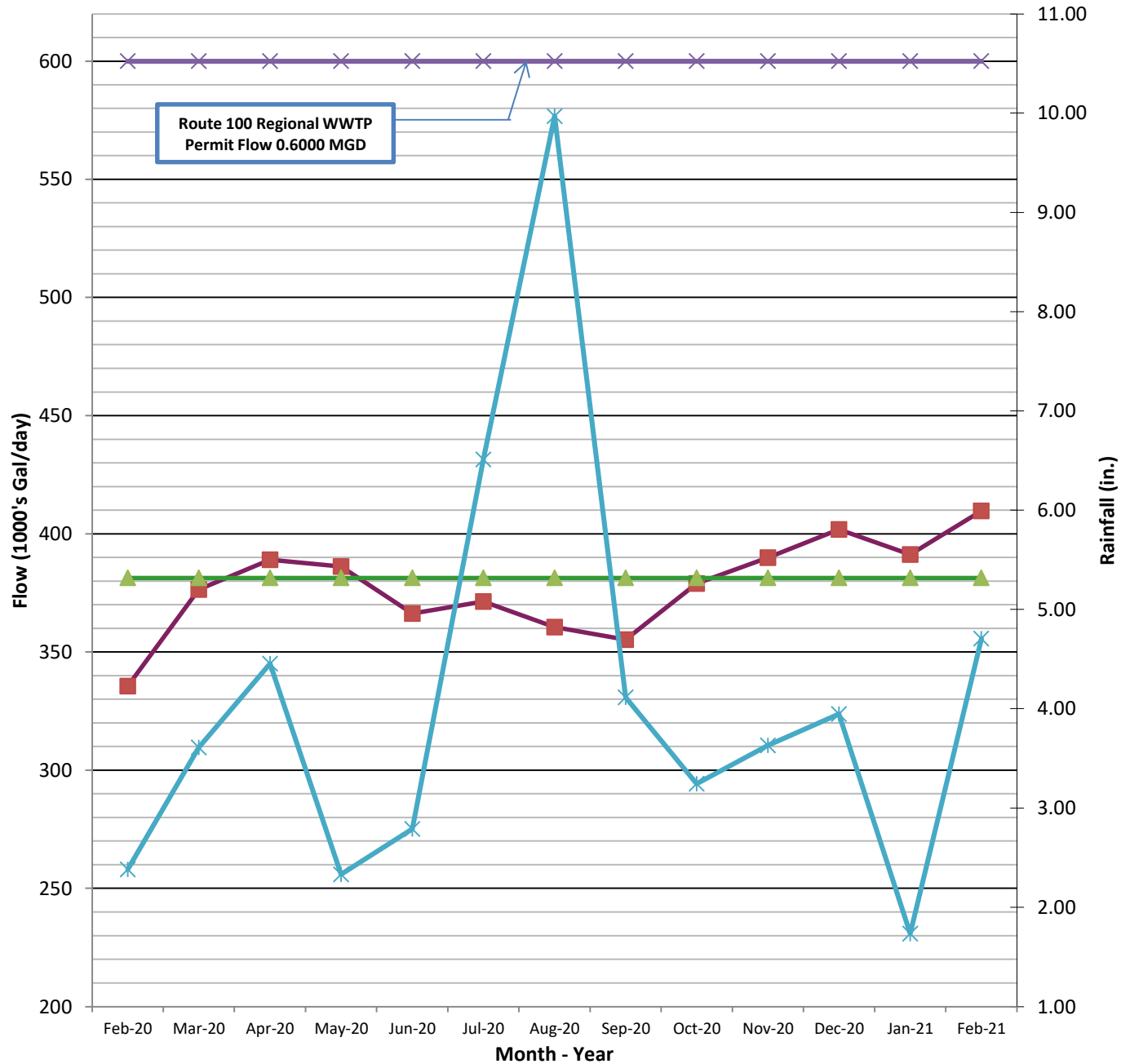
Lakeridge 2020 - 2021



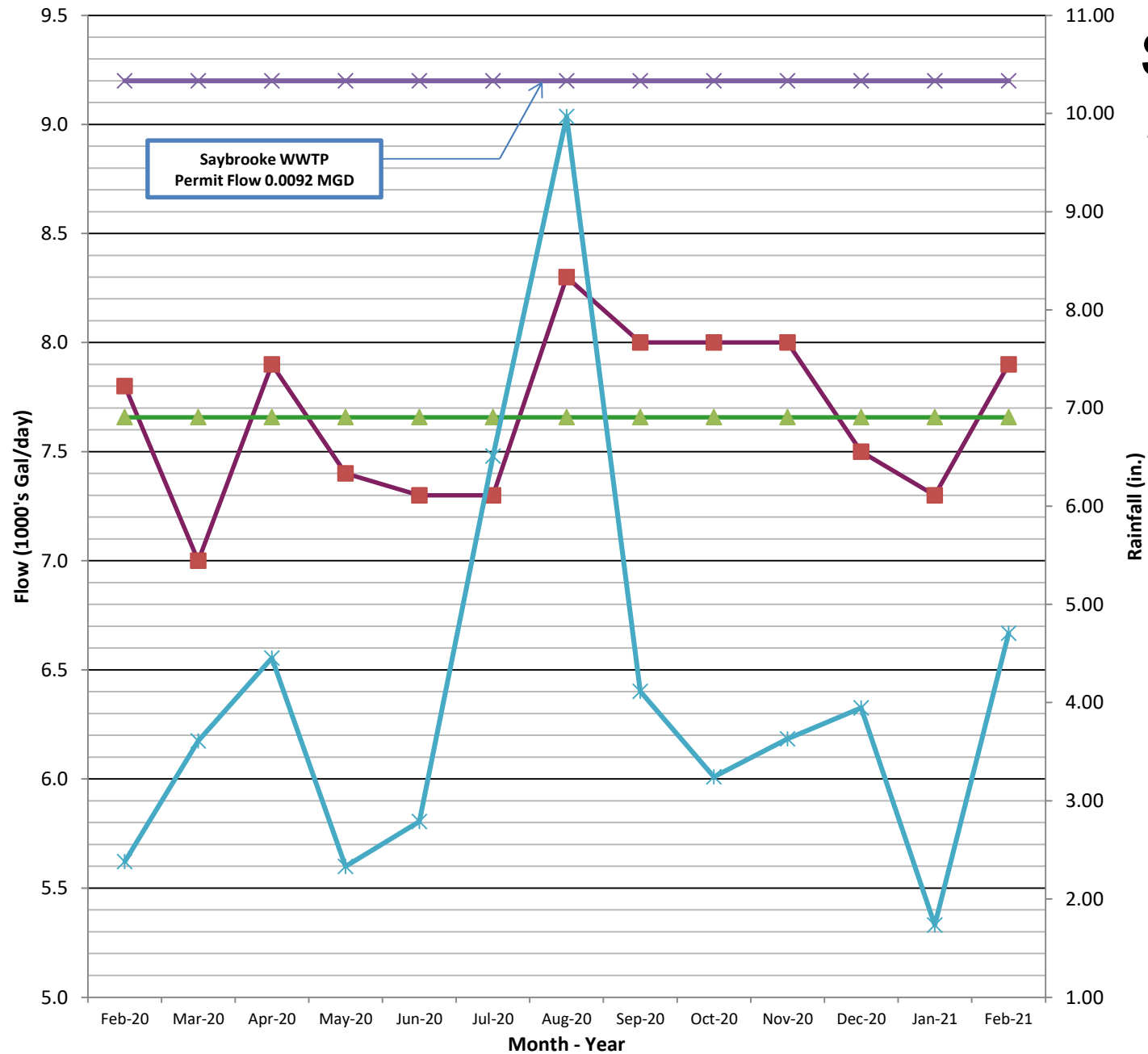
Marsh Harbour 2020 - 2021



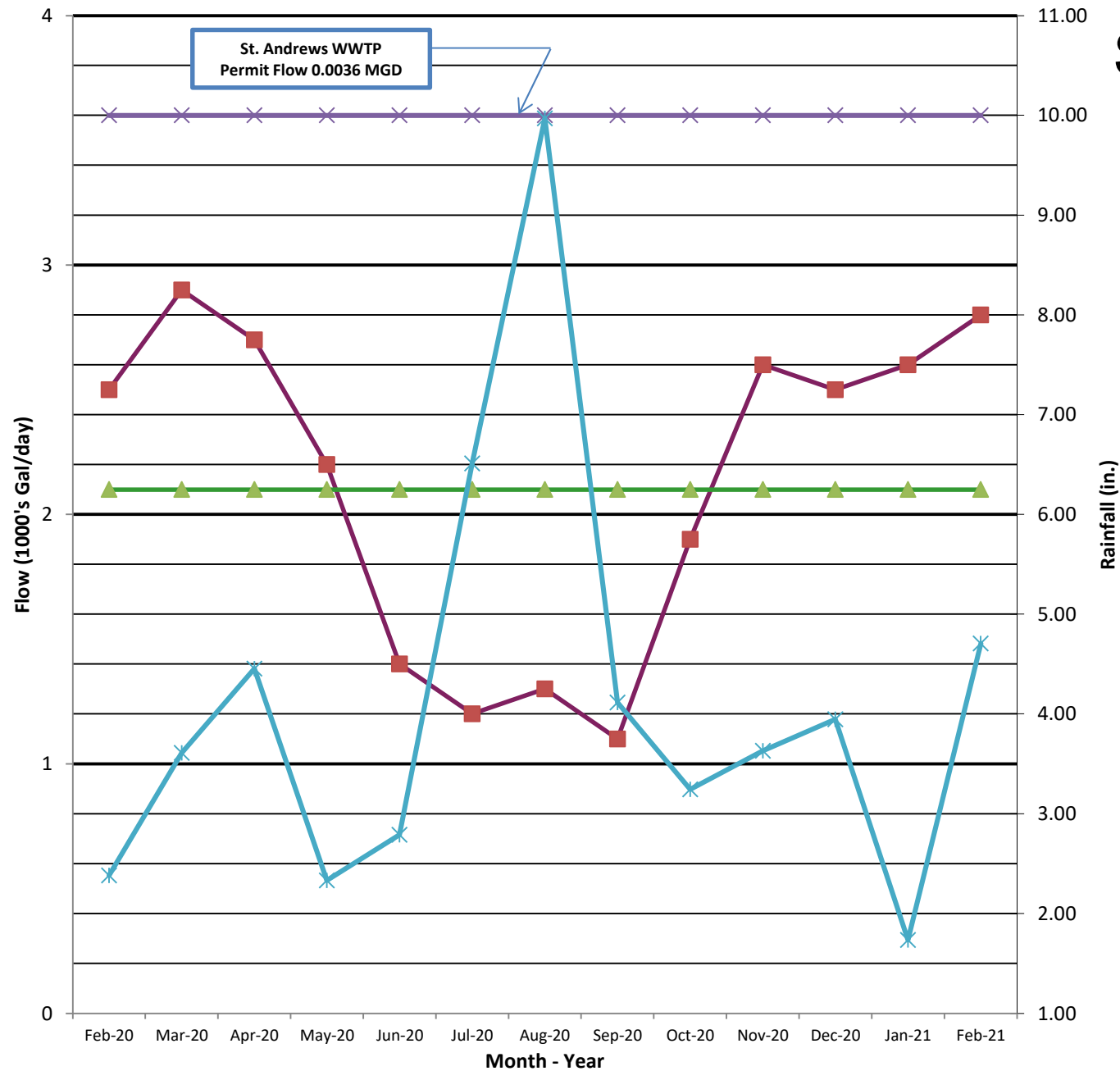
Route 100 2020 - 2021



Saybrooke 2020 - 2021



St. Andrews 2020 - 2021





To: Municipal Authority Members

From: G. Matthew Brown, P.E., DEE

Re: Authority Administrator's Report

Date: March 19, 2021

Activities for the month include:

- A. Communication with WWTF Operator and Township Staff regarding operational and maintenance issues. (32.0 hours)
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files. (4.0 hours)
- C. Communication with residents regarding septic system issues and possible connection to the sanitary sewer system. Inquiries included residents on Meadow Creek Lane, Highview Road, Waterview Road, Black Horse Road and Byers Road (4.0 hours)
- D. Communication with engineer for TC Energy relative to a transfer station to be constructed on Fellowship Road including discussion of design criteria and the update to the Intermunicipal Agreement with West Vincent Township. (2.0 hours)
- E. Communication with McKee and further review of the Bennett Property as an alternate disposal field. (2.0 hours)
- F. Further technical review of design information for the Greenridge WWTF upgrade and Meadow Creek Lane sewer line location. (5.0 hours)
- G. Communication with ARRO regarding the Byers Road extension and development connection including award of contracts and permit extension. (1.0 hours)
- H. Communication with WWTF Operator and ARRO regarding upgrades to Route 100 SCADA system as part of the Phase III expansion of the WWTF. (3.0 hours)
- I. Review of GASB-34 documents for auditors and preparation of schedule for capitalized versus operational costs for 2020 audit. (4.0 hours)
- J. Review of draft Act 537 Plan for comment and review prior to presentation to Authority Board. (4.0 hours)
- K. Communication and review with Township Engineer and Manager regarding the Aqua PA project near Black Horse Road. (2.0)

Please advise if you have any questions or would like further details.



FEBRUARY 2021 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.**

Public Works continues to work on the properties as follows:

Complete:

- **Rte. 100 WWTP**
 - **General cleaning**
 - **Painted Confined Space entry warnings**
 - **Site checks**
 - **Power washed facility**
 - **Checked heaters**
- **Byers Station Effluent PS**
 - **General cleaning of station**
 - **Checked heater**
- **Byers Station Influent PS**
 - **Checked heater**
 - **General cleaning of station**
 - **Site checks**
- **Ewing PS**
 - **General cleaning of station**
 - **Checked heater**
- **Ewing West Vincent PS**
 - **General cleaning of station**
 - **Site checks**
 - **Power washed floor**

- **Ewing Tract Effluent Disposal System**
 - **Site checked**
- **Eagle Hunt**
 - **Site check**
 - **Power washed floor**
 - **General cleaning of this location**
- **Windsor Ridge**
 - **General cleaning**
- **Saybrooke WWTP**
 - **Site checks**
 - **General cleaning of station**
 - **Checked heater**
- **Seabury**
 - **Site check**
 - **Cleaned up the property**
- **Yarmouth PS1**
 - **Site checked**
- **Yarmouth PS2**
 - **Site checks**
- **St Andrews Brae**
 - **General cleaning of station**
 - **Site checks**
 - **Trash removal**
 - **ROOF NEEDS REPLACED Small shed**
- **St Andrews Brae PS (at St Andrews intersection)**
 - **Site checks**
- **Reserve Lagoon**
 - **Site checks**
 - **Checked heater**
 - **General cleaning of station**
- **Reserve at Eagle PS1**
 - **Site check**
 - **Checked heater**
 - **General cleaning of station**
- **Reserve at Eagle PS 2**
 - **Site checks**
 - **General cleaning of station**

- **Upland Farms PS/ Reserve at Waynebrook**
 - **Site checks**
 - **Cleaned facility**
 - **Painted Confined Space entry warnings**
- **Greenridge**
 - **Cleaning of station**
 - **Site checks**
- **Stonehedge**
 - **Checked heater**
 - **Site checks**
 - **General cleaning**
- **Marsh Harbour WWTP**
 - **Site checks**
 - **Checked heater**
 - **Bulb changes**
 - **General cleaning and trash removal**
- **Marsh Harbour PS**
 - **Trash removal (someone dumped a truckload of tires)**
 - **Site checks**
- **Meadowcreek**
 - **Site checks**
 - **There are currently work orders for this facility.**
- **Eaglepointe**
 - **Trash collection and cleaning**
 - **Site checks**
- **Heron Hill PS**
 - **Site check**
- **Lakeridge WWTP**
 - **General cleaning and trash removal**
- **Lakeridge Pump Station**
 - **Site check**
 - **General cleaning and trash removal**
- **Eagle Farms Rd PS (WV)**
 - **Site checks**
 - **Checked heater**
 - **General cleaning of station**

- **Little Conestoga Rd PS**
 - **Cleaned facility**
 - **There are currently no work orders for this facility.**
 - **Eagle Manor PS (Dorothy Ln)**
 - **There are currently no work orders for this facility.**
 - **Garrison Dr. (spray field pump station #1)**
 - **Site checked**
 - **Cleaned trash**
 - **Garrison Dr. (spray field pump station #2)**
 - **Site checked**
 - **Cleaned trash**
- **Snow removal was done at all facilities**
 - **Public Works continues to respond to Pa 1-calls. UUT responded to 54 PA 1-Call tickets during the month.**

Respectfully submitted,

**Michael G. Heckman
Director of Public Works
Upper Uwchlan Township**