



AGENDA

July 28, 2020
7:30 PM

LOCATION:

This meeting will be held **virtually**. Any member of the public interested in participating in the meeting should email the Township at gjonik@upperuwchlan-pa.gov for a link and a password to join in the meeting. In order to minimize public exposure to COVID-19 and maintain social distancing, 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.

		Packet Page #
I.	Call to Order	
II.	Approval of Minutes: June 23, 2020	2
III.	Approval of Payments: July 2020	4
IV.	Authority Administration Reports	
	A. Clean Water, Inc. Monthly Report	18
	B. ARRO Consulting Monthly Report	20
	C. Authority Administrator's Report	45
	D. Public Works Department Report	46
V.	Open Session	
VI.	Next Meeting Date: August 25, 2020 ~ 7:30 p.m. Location: Will be announced on the website	
VII.	Adjournment	



MEETING MINUTES

June 23, 2020

7:30 PM

DRAFT

LOCATION: This was a virtual meeting, held via Zoom audio/video conferencing, in order to minimize public exposure to COVID-19. The meeting's public notice instructed those interested in participating in the meeting to email or call the Township Secretary for the link and password to join in the meeting.

In attendance via audio/video teleconference: H. Harper, Chairman, D. Carlson, Member, W. Quinn, Member, B. Watts, Member, G. Matthew Brown, P.E., DEE, Authority Administrator and David Schlott, Jr, P.E., ARRO Consulting, Inc.

Call to Order

H. Harper, Chairman, called the meeting to order at 7:34 PM.

Approval of Minutes

Draft minutes of the May 26, 2020 meeting were presented. D. Carlson made a motion to approve the minutes as submitted. W. Quinn seconded. It was so moved.

Approval of Payments

Following a discussion and questions, a motion was made by D. Carlson to approve the payments for June 2020. W. Quinn seconded. It was so moved. Again, after a brief discussion of the balance sheet and the statement of revenue and expenses, D. Carlson moved to accept the financial reports submitted in good faith by the Township Treasurer for June 2020. B. Watts seconded. It was so moved.

Authority Administration Reports

M. Brown noted that all facilities were operating well and within permit. He described concerns regarding organic loading and the use of garbage disposals in the Lakeridge system. After a brief discussion, the consensus of the Board was that M. Brown should issue a letter to the customers of the Lakeridge system advising them of the problem, requesting the discontinuance of garbage disposal use and to note that continued use could result in significant expenses that would ultimately be borne by the customers. M. Brown noted he was contacted by a member of the HOA of the Byers Station development regarding weeds and harvesting of the hay crop. He noted he was awaiting the complete quotes from Ehrlich relative to weed control. D. Carlson reviewed

the process and material used for weeding control for the Board. M. Brown noted that when the quotes are received, they would be reviewed for the Board.

M. Brown reviewed the schedules for the Byers Road sewer main extension and the Milford Farms sewer project. He noted the grant for Byers Road should be decided by September 2020. Bidding for both projects could then occur over the Winter with construction starting in the Spring. He asked permission to send a letter to the effected residents providing the project statuses and to post the current schedule on the website. After a brief discussion, the Board consensus was to send a letter to the Byers Road connectors and to post the schedule on the website. For the Milford farms project, a letter should be sent to the connectors.

M. Brown noted the status of the Sunoco pipeline and the effect on the Meadow Creek WWTF and collection system. He noted that the SFPM was soon to be submitted to get the project into the PADEP permitting queue.

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

Open Session

One member of the public joined the virtual meeting to listen and offered no comment.

Next Meeting Date: July 28, 2020 - 7:30 PM

H. Harper noted the date and time of the next meeting of the Authority. It was also noted it would be a virtual venue.

Adjournment

There being no further business to be brought before the Authority, D. Carlson moved, seconded by B. Watts to adjourn the meeting at 8:31 PM.

Respectfully submitted,

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

July 24, 2020
12:03 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: 2233 to 2257
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
2233	07/28/20	ALSGROUP ALS GROUP USA, CORP	3,808.40		2245
2234	07/28/20	AQUAP010 AQUA PA	2,418.95		2245
2235	07/28/20	ARROC010 ARRO CONSULTING, INC.	54,366.00		2245
2236	07/28/20	ATTMOBIL AT & T MOBILITY	210.15		2245
2237	07/28/20	BUCKL010 BUCKLEY, BRION, MCGUIRE, MORRI	41.25		2245
2238	07/28/20	CHRISFRA FRANTZ, CHRISTOPHER	709.50		2245
2239	07/28/20	CLEANWAT CLEAN WATER, INC.	11,330.00		2245
2240	07/28/20	COLON010 COLONIAL ELECTRIC SUPPLY CO.,	57.00		2245
2241	07/28/20	COMMO010 COMMONWEALTH OF PENNSYLVANIA	490.00		2245
2242	07/28/20	COUNT010 COUNTRY ESTATE FENCE, INC.	63.90		2245
2243	07/28/20	DECKM010 DECKMAN MOTOR & PUMP, INC	1,615.00		2245
2244	07/28/20	DELTRUST DELAWARE VALLEY PROP&LIA TRST	4,111.95		2245
2245	07/28/20	EAGLHARD EAGLE HARDWARE	5.99		2245
2246	07/28/20	INKS0010 INK'S DISPOSAL SERVICE, INC.	2,580.00		2245
2247	07/28/20	MAPLEDIR MAPLE DIRECT INC	1,430.00		2245
2248	07/28/20	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC	7,610.86		2245
2249	07/28/20	MCI00001 MCI COMM SERVICE	71.72		2245
2250	07/28/20	MJREIDER M. J. REIDER ASSOCIATES, INC.	1,659.00		2245
2251	07/28/20	PECO0010 PECO ENERGY	14,528.35		2245
2252	07/28/20	PENNS080 PENNSYLVANIA ONE CALL	168.34		2245
2253	07/28/20	PIKEL020 PIKELAND CONSTRUCTION	6,360.00		2245
2254	07/28/20	PIPED010 PIPE DATA VIEW	1,720.00		2245
2255	07/28/20	PRED0010 PREDOC	19,019.45		2245
2256	07/28/20	VERIZFIO VERIZON	1,038.58		2245
2257	07/28/20	WILLS010 WILLS PROPERTY MAINTENANCE	1,125.00		2245

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	25	0	136,539.39	0.00
Direct Deposit:	<u>0</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
Total:	25	0	136,539.39	0.00

July 24, 2020
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Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 1

Batch Id: LHAINES Batch Type: C Batch Date: 07/28/20 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					
	07/28/20	ALSGROUP ALS GROUP USA, CORP		P.O. BOX 975444					
20-00865	07/28/20	1 lakeridge	450.90	06-420-000-030	Expenditure	Aprv	1	1	
				Testing					
20-00865	07/28/20	2 st. elizabeth	474.90	06-420-000-030	Expenditure	Aprv	2	1	
				Testing					
20-00865	07/28/20	3 upland farms	420.90	06-420-000-030	Expenditure	Aprv	3	1	
				Testing					
20-00865	07/28/20	4 byers station	739.80	06-420-000-030	Expenditure	Aprv	4	1	
				Testing					
20-00865	07/28/20	5 byers station	739.80	06-420-000-030	Expenditure	Aprv	133	1	
				Testing					
20-00865	07/28/20	6 courts of chester springs	420.90	06-420-000-030	Expenditure	Aprv	6	1	
				Testing					
20-00865	07/28/20	7 upland farms	561.20	06-420-000-030	Expenditure	Aprv	7	1	
				Testing					
			3,808.40						
	07/28/20	AQUAP010 AQUA PA		PO BOX 70279					
20-00866	07/28/20	1 119 prescott drive	18.22	06-409-000-037	Expenditure	Aprv	8	1	
				Water					
20-00866	07/28/20	2 439 prescott drive	18.22	06-409-000-037	Expenditure	Aprv	9	1	
				Water					
20-00866	07/28/20	3 100 prescott drive	18.22	06-409-000-037	Expenditure	Aprv	10	1	
				Water					
20-00866	07/28/20	4 meadow creek lane	18.22	06-409-000-037	Expenditure	Aprv	11	1	
				Water					
20-00866	07/28/20	5 1 prospect hill blvd	53.14	06-409-000-037	Expenditure	Aprv	12	1	
				Water					
20-00866	07/28/20	6 308 flagstone road	23.04	06-409-000-037	Expenditure	Aprv	13	1	
				Water					
20-00866	07/28/20	7 2680 primrose court	18.22	06-409-000-037	Expenditure	Aprv	14	1	
				Water					
20-00866	07/28/20	8 29 yarmouth lane	23.04	06-409-000-037	Expenditure	Aprv	15	1	
				Water					
20-00866	07/28/20	9 241 fellowship road	18.22	06-409-000-037	Expenditure	Aprv	16	1	
				Water					
20-00866	07/28/20	10 325 fellowship road	2,005.96	06-409-000-037	Expenditure	Aprv	17	1	
				Water					
20-00866	07/28/20	11 658 collingwood terrace	54.35	06-409-000-037	Expenditure	Aprv	18	1	
				Water					
20-00866	07/28/20	12 425 hemlock lane	53.14	06-409-000-037	Expenditure	Aprv	19	1	
				Water					
20-00866	07/28/20	13 1120 sunderland ave	19.42	06-409-000-037	Expenditure	Aprv	20	1	
				Water					
20-00866	07/28/20	14 111 dorothy lane	18.22	06-409-000-037	Expenditure	Aprv	21	1	
				Water					
20-00866	07/28/20	15 528 walter court	39.90	06-409-000-037	Expenditure	Aprv	22	1	
				Water					
20-00866	07/28/20	16 381 lcr	19.42	06-409-000-037	Expenditure	Aprv	23	1	

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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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					
			2,418.95	Water					
	07/28/20	ARROC010 ARRO CONSULTING, INC.		108 WEST AIRPORT ROAD					
20-00867	07/28/20	1 project 17000.00 consulting	796.50	06-408-000-000	Engineering Fees	Expenditure	Aprv	24	1
20-00867	07/28/20	2 project 9310.32 ww sys admin	9,691.75	06-400-000-002	Authority Administrator	Expenditure	Aprv	25	1
20-00867	07/28/20	3 project 10270.48 byers road	1,478.00	06-408-000-000	Engineering Fees	Expenditure	Aprv	26	1
20-00867	07/28/20	4 project 10270.53 lakeridge	3,423.50	06-408-000-000	Engineering Fees	Expenditure	Aprv	27	1
20-00867	07/28/20	5 project 10270.64 milford farms	6,473.25	06-408-000-000	Engineering Fees	Expenditure	Aprv	28	1
20-00867	07/28/20	6 project 10270.71 act 537 plan	1,291.25	06-408-000-000	Engineering Fees	Expenditure	Aprv	29	1
20-00867	07/28/20	7 project 10270.72 meadow creek	20,115.25	06-408-000-000	Engineering Fees	Expenditure	Aprv	30	1
20-00867	07/28/20	8 project 10270.73 eaglepointe	8,033.50	06-408-000-000	Engineering Fees	Expenditure	Aprv	31	1
20-00867	07/28/20	9 project 10270.74 rt 100 wwtp	3,063.00	06-408-000-000	Engineering Fees	Expenditure	Aprv	32	1
			54,366.00						
	07/28/20	ATTMOBIL AT & T MOBILITY		PO BOX 6463					
20-00868	07/28/20	1 ma - phones/ipad	210.15	06-409-000-032	Telephone	Expenditure	Aprv	33	1
			210.15						
	07/28/20	BUCKLO10 BUCKLEY, BRION, MCGUIRE, MORRI		118 W. MARKET STREET					
20-00869	07/28/20	1 june - sewer collections	41.25	06-404-000-000	Legal Fees	Expenditure	Aprv	34	1
			41.25						
	07/28/20	CHRISFRA FRANTZ, CHRISTOPHER		PO BOX 557					
20-00870	07/28/20	1 june - general representation	494.50	06-404-000-000	Legal Fees	Expenditure	Aprv	35	1
20-00870	07/28/20	2 march- general representation	107.50	06-404-000-000	Legal Fees	Expenditure	Aprv	36	1
20-00870	07/28/20	3 may - general representation	107.50	06-404-000-000	Legal Fees	Expenditure	Aprv	37	1
			709.50						
	07/28/20	CLEANWAT CLEAN WATER, INC.		170 DALLAS STREET					
20-00871	07/28/20	1 wwtp monthly operations	11,330.00	06-420-000-045	Contracted Services	Expenditure	Aprv	38	1
			11,330.00						
	07/28/20	COLON010 COLONIAL ELECTRIC SUPPLY CO.,		201 W. CHURCH ROAD					
20-00872	07/28/20	1 ma - 1800w 120v	15.10	06-420-000-020	Supplies	Expenditure	Aprv	39	1
20-00872	07/28/20	2 ma - 120v hall	41.90	06-420-000-020		Expenditure	Aprv	40	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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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				
			57.00	Supplies					
20-00882	07/28/20	1 st. andrews brae	65.00	ATTN: CHAPTER 302 ANNUAL SERVI	06-420-000-035	Expenditure	Aprv	80	1
20-00882	07/28/20	2 marsh harbor	65.00	Permits	06-420-000-035	Expenditure	Aprv	81	1
20-00882	07/28/20	3 greenridge	65.00	Permits	06-420-000-035	Expenditure	Aprv	82	1
20-00882	07/28/20	4 lakeridge	65.00	Permits	06-420-000-035	Expenditure	Aprv	83	1
20-00882	07/28/20	5 saybrooke	65.00	Permits	06-420-000-035	Expenditure	Aprv	84	1
20-00882	07/28/20	6 route 100 wwtp	100.00	Permits	06-420-000-035	Expenditure	Aprv	85	1
20-00882	07/28/20	7 eaglepointe	65.00	Permits	06-420-000-035	Expenditure	Aprv	86	1
			490.00						
20-00873	07/28/20	1 ma - split rail	63.90	35 SENN DRIVE	06-420-000-020	Expenditure	Aprv	41	1
			63.90	Supplies					
20-00874	07/28/20	1 rebuilt - barnes pump	900.00	49 W. FRONT STREET	06-420-000-025	Expenditure	Aprv	42	1
20-00874	07/28/20	2 new - goulds sewage pump	715.00	Maintenance & Repair	06-420-000-025	Expenditure	Aprv	43	1
			1,615.00	Maintenance & Repair					
20-00875	07/28/20	1 property insurance	3,083.96	P.O. BOX 95000-5725	06-409-000-035	Expenditure	Aprv	44	1
20-00875	07/28/20	2 liability insurance	1,027.99	Insurance	06-400-000-352	Expenditure	Aprv	45	1
			4,111.95	Insurance - Liability					
20-00876	07/28/20	1 ma - bracket	5.99	06-420-000-020	06-420-000-020	Expenditure	Aprv	46	1
			5.99	Supplies					
20-00877	07/28/20	1 cleaned, pumped wwtp	2,580.00	564 NORTH MANOR ROAD	06-420-000-025	Expenditure	Aprv	47	1
			2,580.00	Maintenance & Repair					
20-00888	07/28/20	1 2,860 bills	1,430.00	2349 HADDONFIELD ROAD	06-406-000-100	Expenditure	Aprv	104	1
				Utility Billing Costs					

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Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 4

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				
				1,430.00						
07/28/20 MCGOV020 MCGOVERN ENVIRONMENTAL, LLC					920 SOUTH BOLMAR STREET					
20-00879	07/28/20	1	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	49	1
20-00879	07/28/20	2	eaglepointe	219.94	06-420-000-031	Pump & Haul	Expenditure	Aprv	50	1
20-00879	07/28/20	3	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	51	1
20-00879	07/28/20	4	route 100 wwtp	1,580.29	06-420-000-031	Pump & Haul	Expenditure	Aprv	52	1
20-00879	07/28/20	5	lakeridge	1,214.06	06-420-000-031	Pump & Haul	Expenditure	Aprv	53	1
20-00879	07/28/20	6	route 100 wwtp	2,617.61	06-420-000-031	Pump & Haul	Expenditure	Aprv	54	1
20-00879	07/28/20	7	eaglepointe	404.69	06-420-000-031	Pump & Haul	Expenditure	Aprv	55	1
20-00879	07/28/20	8	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	56	1
20-00879	07/28/20	9	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	57	1
20-00879	07/28/20	10	eaglepointe	404.69	06-420-000-031	Pump & Haul	Expenditure	Aprv	58	1
20-00879	07/28/20	11	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	59	1
20-00879	07/28/20	12	eaglepointe	351.90	06-420-000-031	Pump & Haul	Expenditure	Aprv	60	1
20-00879	07/28/20	13	route 100 wwtp	77.63	06-420-000-031	Pump & Haul	Expenditure	Aprv	61	1
20-00879	07/28/20	14	eaglepointe	351.90	06-420-000-031	Pump & Haul	Expenditure	Aprv	62	1
				7,610.86						
07/28/20 MCI00001 MCI COMM SERVICE					PO BOX 15043					
20-00878	07/28/20	1	telephone	71.72	06-409-000-032	Telephone	Expenditure	Aprv	48	1
				71.72						
07/28/20 MJREIDER M. J. REIDER ASSOCIATES, INC.					107 ANGELICA STREET					
20-00880	07/28/20	1	greenridge	108.50	06-420-000-030	Testing	Expenditure	Aprv	63	1
20-00880	07/28/20	2	eaglepointe	150.50	06-420-000-030	Testing	Expenditure	Aprv	64	1
20-00880	07/28/20	3	rt 100 wwtp	108.50	06-420-000-030	Testing	Expenditure	Aprv	65	1
20-00880	07/28/20	4	lakeridge	108.50	06-420-000-030	Testing	Expenditure	Aprv	66	1
20-00880	07/28/20	5	marsh harbor	122.50	06-420-000-030	Testing	Expenditure	Aprv	67	1
20-00880	07/28/20	6	reserve,eagle hunt,byers,ewing	56.00	06-420-000-030	Testing	Expenditure	Aprv	68	1
20-00880	07/28/20	7	st. andrews	14.00	06-420-000-030	Testing	Expenditure	Aprv	69	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
20-00880	07/28/20	8 saybrooke	108.50	Testing 06-420-000-030	Expenditure	Aprv	70	1
20-00880	07/28/20	9 st. andrews	63.00	Testing 06-420-000-030	Expenditure	Aprv	71	1
20-00880	07/28/20	10 saybrooke	42.00	Testing 06-420-000-030	Expenditure	Aprv	72	1
20-00880	07/28/20	11 st. andrews	150.50	Testing 06-420-000-030	Expenditure	Aprv	73	1
20-00880	07/28/20	12 rt. 100 wwtp	108.50	Testing 06-420-000-030	Expenditure	Aprv	74	1
20-00880	07/28/20	13 lakeridge	108.50	Testing 06-420-000-030	Expenditure	Aprv	75	1
20-00880	07/28/20	14 eaglepointe	178.50	Testing 06-420-000-030	Expenditure	Aprv	76	1
20-00880	07/28/20	15 greenridge	108.50	Testing 06-420-000-030	Expenditure	Aprv	77	1
20-00880	07/28/20	16 marsh harbor	122.50	Testing 06-420-000-030	Expenditure	Aprv	78	1
			<u>1,659.00</u>	Testing				
	07/28/20	PECO0010 PECO ENERGY		SUMMARY BILL PROCESSING CENTER				
20-00889	07/28/20	1 304 fellowship road	105.74	06-409-000-036	Expenditure	Aprv	105	1
20-00889	07/28/20	2 2500 eagle farms road	545.28	Electric 06-409-000-036	Expenditure	Aprv	106	1
20-00889	07/28/20	3 seabury lane	32.10	Electric 06-409-000-036	Expenditure	Aprv	107	1
20-00889	07/28/20	4 primrose court	1,009.56	Electric 06-409-000-036	Expenditure	Aprv	108	1
20-00889	07/28/20	5 100a prescott drive	354.38	Electric 06-409-000-036	Expenditure	Aprv	109	1
20-00889	07/28/20	6 meadow creek lane	27.81	Electric 06-409-000-036	Expenditure	Aprv	110	1
20-00889	07/28/20	7 301 pottstown pike	128.85	Electric 06-409-000-036	Expenditure	Aprv	111	1
20-00889	07/28/20	8 kristines/milford	97.22	Electric 06-409-000-036	Expenditure	Aprv	112	1
20-00889	07/28/20	9 711 dorian road	279.44	Electric 06-409-000-036	Expenditure	Aprv	113	1
20-00889	07/28/20	10 111 dorothy lane	76.48	Electric 06-409-000-036	Expenditure	Aprv	114	1
20-00889	07/28/20	11 dorlan drive	1,431.80	Electric 06-409-000-036	Expenditure	Aprv	115	1
20-00889	07/28/20	12 381 lcr	165.46	Electric 06-409-000-036	Expenditure	Aprv	116	1
20-00889	07/28/20	13 milford road	28.77	Electric 06-409-000-036	Expenditure	Aprv	117	1
20-00889	07/28/20	14 st. andrews road	35.20	Electric 06-409-000-036	Expenditure	Aprv	118	1
20-00889	07/28/20	15 park road	1,676.28	Electric 06-409-000-036	Expenditure	Aprv	119	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
20-00889	07/28/20	16 55 pottstown pike	572.84	06-409-000-036 Electric	Expenditure	Aprv	120	1
20-00889	07/28/20	17 yarmouth lane	309.47	06-409-000-036 Electric	Expenditure	Aprv	121	1
20-00889	07/28/20	18 sunderland avenue	1,144.57	06-409-000-036 Electric	Expenditure	Aprv	122	1
20-00889	07/28/20	19 kiloran wynd drive	230.44	06-409-000-036 Electric	Expenditure	Aprv	123	1
20-00889	07/28/20	20 flagstone road	663.51	06-409-000-036 Electric	Expenditure	Aprv	124	1
20-00889	07/28/20	21 yarmouth lane	36.27	06-409-000-036 Electric	Expenditure	Aprv	125	1
20-00889	07/28/20	22 140 pottstown pike	146.68	06-409-000-036 Electric	Expenditure	Aprv	126	1
20-00889	07/28/20	23 275 fellowship road	4,558.14	06-409-000-036 Electric	Expenditure	Aprv	127	1
20-00889	07/28/20	24 heron hill drive	100.21	06-409-000-036 Electric	Expenditure	Aprv	128	1
20-00889	07/28/20	25 indian springs drive	89.13	06-409-000-036 Electric	Expenditure	Aprv	129	1
20-00889	07/28/20	26 yarmouth lane	131.35	06-409-000-036 Electric	Expenditure	Aprv	130	1
20-00889	07/28/20	27 hemlock lane	71.42	06-409-000-036 Electric	Expenditure	Aprv	131	1
20-00889	07/28/20	28 fellowship road	479.95	06-409-000-036 Electric	Expenditure	Aprv	132	1
			<u>14,528.35</u>					
07/28/20 PENNS080 PENNSYLVANIA ONE CALL				P.O. BOX 640407				
20-00885	07/28/20	1 monthly activity fee	168.34	06-420-000-329 PA One Call	Expenditure	Aprv	101	1
			<u>168.34</u>					
07/28/20 PIKEL020 PIKELAND CONSTRUCTION				PO BOX 687				
20-00881	07/28/20	1 ewing - repair/replace heads	6,360.00	06-420-000-045 Contracted Services	Expenditure	Aprv	79	1
			<u>6,360.00</u>					
07/28/20 PIPED010 PIPE DATA VIEW				9 RAILROAD AVENUE				
20-00883	07/28/20	1 bryan wynd - clean lines	1,720.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	87	1
			<u>1,720.00</u>					
07/28/20 PREDO010 PREDOC				14 CHRISEVYN LANE				
20-00884	07/28/20	1 marsh harbor wwtp	1,365.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	88	1
20-00884	07/28/20	2 marsh harbor wwtp	1,020.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	89	1
20-00884	07/28/20	3 saybrooke wwtp	1,042.66	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	90	1
20-00884	07/28/20	4 saybrooke wwtp	1,010.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	91	1

July 24, 2020
12:00 PM

Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 7

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
20-00884	07/28/20	5 marsh harbor	720.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	92	1
20-00884	07/28/20	6 lakeridge	9,105.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	93	1
20-00884	07/28/20	7 saybrooke	2,946.79	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	94	1
20-00884	07/28/20	8 241 fellowship road	95.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	95	1
20-00884	07/28/20	9 425 hemlock lane	190.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	96	1
20-00884	07/28/20	10 2680 primrose court	95.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	97	1
20-00884	07/28/20	11 381 lcr	95.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	98	1
20-00884	07/28/20	12 140 pottstown pike	285.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	99	1
20-00884	07/28/20	13 marsh harbor wwtp	1,050.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	100	1
			19,019.45					
07/28/20 VERIZFIO VERIZON				PO BOX 15124				
20-00886	07/28/20	1 july telephone	1,038.58	06-409-000-032 Telephone	Expenditure	Aprv	102	1
			1,038.58					
07/28/20 WILLS010 WILLS PROPERTY MAINTENANCE				P. O. BOX 308				
20-00887	07/28/20	1 greenridge - removed dead tree	1,125.00	06-420-000-045 Contracted Services	Expenditure	Aprv	103	1
			1,125.00					
checks:	<u>Count</u> 25	<u>Line Items</u> 132	<u>Amount</u> 136,539.39					

There are NO errors or warnings in this listing.

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended June 30, 2020

	Actual 2020 YTD	Budget 2020	% of Budget	Actual 2019 (unaudited)	Budget 2019
REVENUES					
06-340-000-000 Interest Income	28,968.08	80,000.00	36.2%	143,374.14	15,000.00
06-365-000-000 Usage Fees Residential	1,092,062.47	2,293,851.00	47.6%	2,240,529.53	2,139,571.00
06-365-000-001 Usage Fees Commercial	54,216.80	-	#DIV/0!	121,234.30	100,000.00
06-365-000-010 Connection Fees	44,625.00	1,622,250.00	2.8%	25,875.00	2,543,000.00
06-370-000-000 Misc revenue	-	1,000.00	0.0%	-	1,000.00
06-393-000-100 Proceeds from Long Tern Debt	-	-	#DIV/0!	-	5,393,221.00
06-395-000-000 Refund of Prior Year Expenditures	-	-	#DIV/0!	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	#DIV/0!	-	-
TOTAL REVENUES	\$ 1,219,872.35	\$ 3,997,101.00	30.5%	\$ 2,531,012.97	\$ 10,191,792.00
EXPENDITURES					
<u>General:</u>					
06-400-000-001 Administration	120,455.97	273,821.00	44.0%	270,079.91	241,246.00
06-400-000-002 Authority Adminstrator	67,194.39	120,000.00	56.0%	128,346.80	120,000.00
06-400-000-003 Professional Fees	-	12,000.00	0.0%	-	12,000.00
06-400-000-200 Admin Supplies	-	1,000.00	0.0%	149.68	1,000.00
06-400-000-341 Advertising	1,155.03	5,000.00	23.1%	149.93	5,000.00
06-400-000-352 Insurance - Liability	2,055.98	5,370.00	38.3%	3,575.25	5,545.00
06-400-000-355 Bank Fees	70.00	650.00	10.8%	319.00	650.00
06-402-000-450 Audit Fees	4,300.00	5,450.00	78.9%	5,550.00	5,450.00
06-404-000-000 Legal Fees	3,210.00	25,000.00	12.8%	16,663.14	20,800.00
06-406-000-100 Utility Billing Costs	6,793.63	12,000.00	0.0%	12,216.87	10,000.00
06-408-000-000 Engineering Fees	243,460.62	175,000.00	139.1%	401,482.89	150,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	#DIV/0!	-	-
	448,695.62	635,291.00	70.6%	838,533.47	571,691.00
<u>Building Expenses:</u>					
06-409-000-031 Lawn Care	-	5,000.00	0.0%	-	5,000.00
06-409-000-032 Telephone	7,944.99	15,000.00	53.0%	14,512.98	15,000.00
06-409-000-035 Insurance	6,167.92	11,078.00	55.7%	10,725.75	8,756.00
06-409-000-036 Electric	94,045.36	250,000.00	37.6%	252,319.68	250,000.00
06-409-000-037 Water	3,227.17	20,000.00	16.1%	19,149.60	25,000.00
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%	16,010.63	5,000.00
06-409-000-427 Waste Disposal	-	-	#DIV/0!	250.00	-
	111,385.44	326,078.00	34.2%	312,968.64	318,756.00
<u>Operations:</u>					
06-420-000-020 Supplies	4,760.96	50,000.00	9.5%	51,257.99	20,000.00
06-420-000-022 Chemicals	8,096.12	15,000.00	54.0%	9,539.38	15,000.00
06-420-000-023 Propane and Fuel Oil	992.61	5,000.00	19.9%	1,151.74	5,000.00
06-420-000-025 Maintenance & Repair	45,756.38	120,000.00	38.1%	110,707.57	120,000.00
06-420-000-030 Testing	15,689.80	35,000.00	44.8%	39,736.19	40,000.00
06-420-000-031 Pump & Haul	52,515.80	50,000.00	105.0%	70,631.62	50,000.00
06-420-000-032 Vegetation Management	5,895.00	20,000.00	29.5%	18,055.61	20,000.00
06-420-000-035 Permits	1,288.00	5,000.00	25.8%	2,616.00	5,000.00
06-420-000-042 Dues and Memberships	75.00	-	#DIV/0!	10.00	2,500.00
06-420-000-045 Contracted Services	88,958.02	150,000.00	59.3%	156,977.62	135,000.00
06-420-000-048 Misc expenses	289.00	10,000.00	2.9%	1,489.35	10,000.00
06-420-000-235 Vehicle Maintenance	-	2,000.00	0.0%	38.94	2,000.00
06-420-000-329 PA One Call	818.33	2,500.00	32.7%	1,253.74	2,500.00
	225,135.02	464,500.00	48.5%	463,465.75	427,000.00

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended June 30, 2020
(Continued)

		Actual 2020 YTD	Budget 2020	% of Budget	Actual 2019 <i>(unaudited)</i>	Budget 2019
	<u>Capital:</u>					
06-483-000-000	Capital Repair	36,600.75	50,000.00	73.2%	689,483.51	50,000.00
06-483-000-100	Capital Construction	-	1,500,000.00	0.0%	-	1,500,000.00
06-493-000-083	Depreciation	-	100,000.00	0.0%	-	50,000.00
		36,600.75	1,650,000.00	2.2%	689,483.51	1,600,000.00
Total Expenditures before Operations Agreement and Transfers		\$ 821,816.83	\$ 3,075,869.00	26.7%	\$ 2,304,451.37	\$ 2,917,447.00
Net Income before Operations Agreement and Transfers		\$ 398,055.52	\$ 921,232.00	43.2%	226,561.60	7,274,345.00
	<u>Other:</u>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	-	#DIV/0!	280,630.75	369,213.00
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	103,660.91	237,494.00	43.6%	190,062.30	190,681.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	65,129.75	335,300.00	19.4%	48,198.15	-
		168,790.66	572,794.00	29.5%	518,891.20	559,894.00
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		\$ 990,607.49	\$ 3,648,663.00	27.1%	\$ 2,823,342.57	\$ 3,477,341.00
OPERATING INCOME		\$ 229,264.86	\$ 348,438.00	65.8%	\$ (292,329.60)	\$ 6,714,451.00

Upper Uwchlan Township Municipal Authority

Balance Sheet

As of June 30, 2020

ASSETS

<u>Cash</u>		
06-100-000-010	General Checking - Fulton Bank	\$ 114,272.09
06-100-000-015	General Checking - Meridian Bank	280,597.70
06-100-000-020	General Checking - WIPP	179,962.26
06-106-000-002	Connection Fee Account	393,495.53
06-110-000-100	Fulton Bank Bond Proceeds - ICS	-
06-110-000-200	Fulton Bank Bond Proceeds - MMDA	5,352,675.01
	Total Cash	6,321,002.59
<u>PSDLAF Investments:</u>		
06-109-000-003	CD Program	-
06-109-000-004	Full Flex	183.84
		183.84
	Total Investments	183.84
<u>Accounts Receivable</u>		
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
<u>Other Current Assets</u>		
06-130-000-001	Due from MA Capital Fund	-
06-130-000-002	Due from UUT General Fund	1,193.52
06-130-000-003	Due from UUT Capital Fund	-
06-130-000-004	Due from Solid Waste Fund	380.00
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	1,573.52
<u>Fixed Assets</u>		
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
<u>Other Long Term Assets</u>		
06-162-000-002	Excess Treatment Capacity	1,649,293.24
	Total Other Long Term Assets	1,649,293.24
Total Assets		\$ 10,363,178.01

Upper Uwchlan Township Municipal Authority
Balance Sheet
As of June 30, 2020

LIABILITIES AND FUND BALANCE

		<u>Current Liabilities</u>	
06-200-000-020	Accounts Payable	-	
06-230-000-010	Due to UUT General Fund	120,455.97	
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	(53,093.10)	
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	54,366.00	
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	5,350,420.94	
		<u>Equity</u>	
06-272-000-001	Opening Bal Equity	753,500.35	
06-272-000-002	Retained Earnings	3,832,949.62	
	Current Period Net Income (Loss)	229,264.86	
	Total Equity	4,815,714.83	
	Total Fund Balance	4,815,714.83	
	Total Liabilities & Fund Balance	\$ 10,166,135.77	

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Receivables and Collections

	June 2020	May 2020	Change
Beginning Receivable Balance	236,887.38	236,887.38	-
<u>Billings:</u>			
Calculated charges billed	1,134,519.11	1,134,792.71	(273.60)
Billing adjustments			-
Late payment penalty	56,047.49	26,984.07	29,063.42
Adjustments	(1,343.34)	(1,130.75)	(212.59)
	<u>1,426,110.64</u>	<u>1,397,533.41</u>	<u>28,577.23</u>
<u>Less:</u>			
Collections*	1,147,037.54	977,188.45	(169,849.09)
Receivable balance, month end	<u><u>279,073.10</u></u>	<u><u>420,344.96</u></u>	<u><u>198,426.32</u></u>

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)

	6/30/2019	12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	6/30/2020
Number of delinquent accounts	151	125	105	172	134	291	99	160
Total delinquent balance	\$ 211,591	\$ 172,046	\$ 156,809	\$ 191,914	\$ 187,096	\$ 266,648	\$ 161,092	\$ 213,938

2020 Payment Schedule

	Bills Mailed	Payment Due
First quarter	1/31/2020	3/2/2020
Second quarter	4/30/2020	5/31/2020
Third quarter	7/31/2020	8/31/2020
Fourth quarter	10/31/2020	11/30/2020

Clean Water, Inc.

170 Dallas St.
Box 475
Atglen, Pa. 19310

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

July 17, 2020

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

RE: Report for the July meeting

Dear Authority,

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

Route 100

Disposal continues where able as harvesting is in mid cycle at most locations. The Ewing West Vincent fields were recently sprayed with weed killer and fertilizer using last years applications. To date, the crop reports have not been completed. The spare pump for the Ewing tract station was delivered by M and S Services. M and S was also out to look at an alarm on a VFD at the Byers spray field pump station. Aqua shade was added to the lagoon at Reserve. Tim and his crew have done an outstanding job of weed eating around nozzles in a timely fashion.

Eaglepointe

Plant is running well. DEP was out and did an inspection and was pleased with how the plant looked. Flows are returning to near normal levels.

Marsh Harbour

Plant is running fine. I have given Matt a quote from Predoc to do the influent pump station repairs mentioned last month. I have added Aqua shade to the lagoon.

Lakeridge

Plant is running fine. DEP was out for an inspection. He had no negative comments but did like the improved sludge tank arrangement.

Saybrooke

Facility is running fine. Predoc was out to clean the beds. They also installed the new air header for the equalization that was mentioned last month.

Greenridge

Drip continues. Lagoon levels are fine. The field was cut. Aqua shade was added to the lagoon.

St. Andrews

Plant is running fine. Inks was out to clean and haul sludge.

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

Respectfully,

Brian Norris



350 West Main Street
Suite 200
Trappe, PA 19426
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: July 22, 2020

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 gravity house service line to each new townhouse will continue.

Village at Byers Station (5C), Lot #2 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.

Nothing new to report.

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.

Sanitary Sewer System: ARRO and UUT Public Works are working together to locate the source of rag-dumping into the Eaglepointe sanitary sewer system that are clogging the WWTP's influent pumps. On June 27, 2019 UUT Public Works found rags in an Eaglepointe sanitary sewer system manhole only Wawa uses. ARRO discussed the rag issue with the Wawa store manager. ARRO also sent correspondence to the Wawa corporate office and has received written and verbal responses from Wawa that they are endeavoring to correct the issue at their store. On August 20, 2019 ARRO received an email from Wawa that they have retained an outside engineer to design an in-line tank to catch rags and articles of clothing that have been found in the WWTP's influent pump station. On August 20, 2019 ARRO received an email from Wawa that they have retained an outside engineer to design an in-line tank to catch rags and articles of clothing that have been found in the WWTP's influent pump station. On August 27, 2019 ARRO received an email from Wawa stating they have retained Keystone Engineering to design an in-line tank to catch rags and articles of clothing before they get into the Eaglepointe sanitary sewer system. ARRO is awaiting drawings for review. On October 10, 2019 ARRO received Keystone Engineering's Wawa site design plans depicting an in-line septic tank to catch rags before they can enter the Eaglepointe sanitary sewer system. ARRO reviewed the drawings and transmitted comments back to Keystone. ARRO reviewed and commented on the revised drawings for the in-line septic tank and piping at the Wawa site submitted by Keystone Engineering on October 23, 2019. ARRO provided responses to December 9, 2019 contractor questions regarding the proposed Keystone Engineering in-line septic tank and piping at the Wawa site. During the week of January 13, 2020 the Wawa contractor installed the new in-line septic tank, manhole and piping at the Wawa site.

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.

Nothing new to report.

Eagle Retail Associates – Starbucks: ARRO is reviewing the sanitary sewer portion of a conditional use plan for a Starbucks with drive-through to occupy the former Key Bank Building at the Eaglepointe Shopping Center. ARRO reviewed the sanitary sewer portion of the conditional use application and submitted a May 28, 2019 letter to UUT with comments to the plan. ARRO recommended water consumption records be submitted from a similarly-sized facility to determine the necessary wastewater capacity. ARRO reviewed the latest land development plan, dated September 18, 2019, and issued an October 28, 2019 letter with comments to the plan. On January 22, 2020 ARRO was informed by E. B. Walsh Engineering that water consumption records will be submitted. Water consumption records from a similar size Starbucks were submitted averaging 800 gpd. On February 12, 2020 ARRO requested that E. B. Walsh provide BOD and TSS discharge test results from similar size Starbucks. A planning module waiver is also under review by ARRO. On March 9,

2020 J. Loew asked ARRO if Starbucks could be connected to the Route 100 Regional WWTP sanitary sewer system. The Authority Administrator will extend this request to Authority Board for consideration. ARRO is working on a plan to extend the proposed Byers Road sewer across Route 100 to the Eaglepointe shopping center entrance and connect Starbucks to the Route 100 Regional WWTP sanitary sewer system. ARRO is preparing a response to a May 14, 2020 email from PADEP who has requested certification of capacity for the project, and a status update of the revised Act 537 Plan, including a status schedule and the plan for decommissioning of the Eaglepointe WWTP. A May 28, 2020 response letter to the May 14, 2020 email from PADEP was prepared under Authority letterhead and transmitted to PADEP. PADEP issued a June 15, 2020 letter stating that the project is exempt from the requirement to revise the Official Plan for new land development.

Nothing new to report.

Ewing Tract

ARRO received from Toll Brothers, on December 5, 2018, Phase 2 Ewing Tract – West Vincent documents concerning (1) Maintenance Service Agreement for Carriage Home South, (2) Grant of Sanitary Sewer Easements and Dedication of Facilities for Butternut Lane and Rainer Road, (3) Deed of Dedication for Future Spray Field #4, (4) Grant of Sanitary Sewer Easements and Dedication of Facilities for Lots 327 and 343, and (5) Grant of Access Easements for Lot 335. ARRO is in the process of reviewing the documents. ARRO completed its review of the Toll Brothers December 5, 2018, Phase 2 Ewing Tract – West Vincent documents concerning (1) Maintenance Service Agreement for Carriage Home South, (2) Grant of Sanitary Sewer Easements and Dedication of Facilities for Butternut Lane and Rainer Road, (3) Deed of Dedication for Future Spray Field #4, (4) Grant of Sanitary Sewer Easements and Dedication of Facilities for Lots 327 and 343, and (5) Grant of Access Easements for Lot 335. ARRO emailed documents comments to Riley Riper, dated December 21, 2018 and December 31, 2018. Subsequently, ARRO received from Riley Riper a January 9, 2019 email containing documents with recommended adjustments. On February 25, 2019 ARRO received from Taylor Wiseman Taylor (TWT) revised sanitary sewer record drawings for the Ewing Tract – West Vincent Carriage Home North subdivision. ARRO approved the Ewing Tract – West Vincent Carriage Home North subdivision sanitary sewer record drawings on May 14, 2019 and ARRO subsequently received final drawings and electronic files from TWT. ARRO reviewed TWT sanitary sewer record drawings for the Ewing Tract – West Vincent Single Family East subdivision and transmitted comments to TWT on December 11, 2019. Repair of a Ewing Tract – West Vincent gravity sewer pipe defect found during the review of the contractor's televising will be completed sometime in 2020 when statewide construction is allowed to resume. By email dated June 9, 2020 Lennar informed ARRO that the repair of a Ewing Tract – West Vincent gravity sewer pipe defect has been delayed as they need to find a new subcontractor to complete the work.

Repair of a Ewing Tract – West Vincent gravity sewer pipe defect is scheduled to be completed on Wednesday, July 29, 2020.

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.

Frame Property (Reserve at Chester Springs)

The pre-construction meeting for the Reserve at Chester Springs (Frame Property) subdivision was held on August 4, 2016. ARRO reviewed shop drawings of sanitary sewer items. The site work is underway. ARRO has been informed by the contractor that sanitary sewer installation is expected to start at the beginning of October 2016. ARRO was informed by Toll Brothers that the sanitary sewer installation will start on Monday, October 24, 2016. Sanitary sewer installation started in Little Conestoga Road on Monday, October 24, 2016 with the tie-in to a manhole immediately upstream of the Little Conestoga Pump Station. Sewer installation in Little Conestoga Road is complete and is now proceeding within the subdivision. ARRO reviewed Toll Brothers' Reserve at Chester Springs Escrow Release #2 request and prepared a recommendation letter to release \$135,160.56. All sanitary sewer piping is installed and testing is underway. The first house service line is being installed the week of February 13, 2017. ARRO is working with Toll Brothers to obtain an easement within the subdivision for ARRO-designed sanitary sewer to serve three (3) Phase II Collection System properties. ARRO is having survey completed of the easement and for design of sewer for the three properties. The easement survey was completed and the Authority solicitor is preparing a Deed of Dedication for Sewer Easement. ARRO reviewed Toll Brothers' Reserve at Chester Springs Escrow Release #3 request and

prepared a recommendation letter to release \$91,727.23. The Authority solicitor prepared a Deed of Dedication for the sewer easement to connect Phase II Collection System properties to the Reserve at Chester Springs. The Deed was transmitted to Toll Brothers for review. ARRO prepared a change order to the contractor, MG Property Management, to install 6-inch sanitary sewer and a manhole within the Reserve at Chester Springs Tot Lot for the future connection of Phase II Collection System properties. All sanitary sewer pipe testing is complete and manhole testing is underway. All sanitary sewer manhole testing is complete. MG Property Management installed the 6-inch sanitary sewer and a manhole within the Reserve at Chester Springs Tot Lot for the future connection of Phase II Collection System properties, but cannot complete its work until the Developer's contractor restores an open utility trench near the work area. ARRO prepared closeout documents for the MG Property Management project. MG Property Management completed its sanitary sewer work within the Tot Lot and will submit closeout documents for the project during the week of August 20, 2017. Installation of the gravity house service line to the last new home (Lot #16) was done on March 26, 2019. On February 11, 2019, ARRO received the sanitary sewer televising video and reports from Toll Brothers' contractor. Ahead of Toll Brothers' paving the subdivision, on April 4, 2019 ARRO checked all sanitary sewer manhole frames and covers and found no damaged units. ARRO inspected all manholes and prepared a punchlist of work items that was sent to Toll Brothers by letter dated May 21, 2019. ARRO received the draft sanitary sewer record drawings. ARRO reviewed the drawings and returned comments to Toll Brothers on November 26, 2019. At the request of the Authority solicitor, ARRO reviewed and commented in an email dated March 17, 2020 on a deed of dedication, maintenance security agreement escrow and grant of sanitary sewer easements. ARRO reviewed the revised Open Space Lot 66 Deed of Dedication submitted by Toll Brothers on April 3, 2020 and has no further comments to the document.

Nothing new to report.

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 (SFPM) now includes the revised Section H, and the Component 4 submissions have been forwarded to Chester County's Planning Commission and Heath 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 Heath Department returned the Open Community Components 4A, 4B and 4C. Component 3 Sections G and J were completed. The Township authorized sending the SFPM 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.

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.

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.

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

Lakeridge

ARRO is preparing plans and specifications for construction of a sludge tank exterior to the WWTP Control Building. ARRO conducted an inspection of the Lakeridge WWTP Control Building in order to prepare maintenance and repair items for inclusion in the sludge tank construction contract. ARRO is continuing to prepare the sludge tank and building repairs plans and specifications. ARRO has both the sludge tank plans and specifications and the PADEP Part 2 permit application approximately 80 percent complete. ARRO has completed the sludge tank plans and specifications. The Part 2 permit application is expected to be submitted to PADEP by the end of May 2018. Changes to sludge tank design plans were necessary due to updated Columbia Gas easement information. ARRO submitted

the Part 2 permit application to PADEP on July 17, 2018. PADEP sent an August 14, 2018 Water Quality Management permit for the sludge tank project. The bidding phase of the work is now in progress. The Sludge Tank Relocation project was put out to bid on September 4, 2018. A pre-bid meeting for the project is scheduled for September 20, 2018. Bids are due October 18, 2018. ARRO plans to have a bid award recommendation prepared for the October 23, 2018 Authority meeting. Bids for the Sludge Tank Relocation project were received on October 18, 2018 and reviewed by ARRO. ARRO recommended award of the General Contract to Blooming Glen Contractors and the Electrical Contract to Eastern Environmental Contractors. Agreements were delivered to the Township on November 19, 2018 for execution by the Authority at its November Board meeting. ARRO conducted the Sludge Tank Relocation project pre-construction meeting on December 10, 2018. The Sludge Tank project Notice to Proceed was issued on December 17, 2018 for a 180-calendar day construction period. Blooming Glen Contractors submitted its one-call notice for excavation on January 9, 2019. Sludge Tank project shop drawings are being reviewed. The Blooming Glen Contractors project schedule says construction will start in April 2019. The sludge tank project schedule had a setback due to a tank precast fabrication delay. Blooming Glen has submitted a 90-calendar day extension of contract time change order request. Work has begun in the Control Building with the installation of replacement unit heaters. The sludge tank excavation is complete and the tank is scheduled to be delivered July 18, 2019. The date of substantial completion is September 13, 2019. The sludge tank was installed and the general construction and electrical work is commencing. Change orders have been prepared for a 28-calendar day time extension to the general and electrical contracts. The date of substantial completion is now October 11, 2019. The sludge tank general construction and electrical work is coming to an end. Start-up testing is expected to be done in mid-October to meet the substantial completion date. Start-up testing is scheduled for the week of October 21, 2019 to meet the revised substantial completion date. Start-up testing is complete. Punchlist work is commencing. The project is expected to be done by mid-December 2019. Punchlist work is continuing. The project is expected to be done by mid-January. The electrical contractor, Eastern Environmental Contractors, has completed closeout and received final payment. ARRO is confirming that the general contractor, Blooming Glen, has completed all contract closeout activities with an expectation of submission of the final payment application in July.

Blooming Glen submitted all O&M manuals and its final application for payment, but is waiting for supplier release of liens that need to be submitted before ARRO can approve the final payment.

Under Authority letterhead ARRO prepared a July 16, 2020 communication to Lakeridge WWTP customers notifying them of high BOD levels experienced at the WWTP and the request to not dispose of food waste and kitchen grease by using a garbage disposal/kitchen grinder.

Marsh Harbour

The Marsh Harbour WWTP WQM permit was renewed and issued on December 9, 2019. ARRO completed the Groundwater Monitoring Background report required as part of the permit renewal and transmitted the report to PADEP on January 22, 2020.

Nothing new to report.

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 reroute 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).

ARRO prepared a draft of the Route 100 Regional WWTP aerated lagoon nutrient removal study for the potential of rerating of the lagoon to obtain an additional 100,000 gallons of capacity. The draft is under internal review prior to submission to the Authority.

ARRO continues updating the Route 100 Regional wastewater system treatment facility manual and the manuals for the other treatment facilities in the Township.

ARRO is working on setting the entire Route 100 Regional WWTP disposal system into a geographical information system (GIS). ARRO has digitized the record drawings from each disposal system and has completed much of the field work gathering data from each spray and drip field and their associated pump stations. ARRO finished data collection of all Route 100 Regional WWTP disposal fields and is currently analyzing the data and integrated it into the sanitary GIS. ARRO finished integrating into sanitary GIS the data collected from all Route 100 Regional WWTP disposal fields and the Route 100 Regional WWTP. ARRO is continuing to work on digitizing features from all the satellite WWTPs.

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 continues basic Act 537 planning work.

ARRO submitted the 2020 Route 100 Regional WWTP groundwater monitoring report to PADEP on June 19, 2020.

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.

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.

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.

St. Andrews Brae

The property owner at 10 Kiloran Wynd, adjacent to the St. Andrews Brae WWTP, has had two blockages in his sewer and questions whether the WWTP is causing the problem. The Authority Administrator authorized a survey investigation to determine if the blockage location is on the WWTP property or the property owner's land. The sanitary sewer system was pressure washed and televised on May 8, 2020 to locate any infiltration within the system. ARRO is in the process of reviewing the video.

Nothing new to report.

Upland Farms

Columbia Gas is planning cathodic protection work within its right-of-way through a portion of Upland Farms and Waynebrook. ARRO reviewed the work plan drawings and provided information to Columbia Gas regarding the Authority's disposal fields and Little Conestoga Pump Station force main bordering the planned work area. Columbia Gas subcontractor is working in the right of way adjacent to the Waynebrook drip fields on impressed current cathodic protection. ARRO was present at the start of the work to respond to requests for information regarding drip field infrastructure.

Nothing new to report.

Waynebrook

The last house service line in the development was tested on October 20, 2015. ARRO received Waynebrook Open Space parcel legal descriptions and drip field record plans for review. ARRO reviewed three Waynebrook Open Space parcel legal descriptions and had no comments to them. ARRO reviewed the drip field record plans and transmitted comments to Cutler. Subsequently, revised drip field record plans were submitted, reviewed and approved by ARRO. ARRO requested Cutler submit Waynebrook record drawings as part of dedication. Drawings were received from Cutler, but they were not record drawings. ARRO informed Cutler again to provide record drawings. ARRO received an October 12, 2016 email from Cutler stating submission of record drawings will be in the near future and asking if all legal descriptions and easements were provided for the project. ARRO will review the email's questions and respond to Cutler. ARRO and Authority counsel have reviewed documentation prepared by Cutler for dedication of the Waynebrook sanitary sewer facilities. ARRO is preparing a letter recommending acceptance of sanitary sewer dedication. ARRO prepared a letter recommending acceptance of the sanitary sewer to be dedicated. ARRO has reminded Cutler to

submit the approved sanitary sewer and disposal fields record drawings in the forms required by the Authority's Specifications.

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.

Village of Eagle

160/180 Park Road (Gunner Properties) - ARRO reviewed and commented on the sanitary sewer plans submitted to the Township on June 14, 2017 for the connection of 160/180 Park Road to the Route 100 Regional WWTP sanitary sewer system. ARRO reviewed revised sanitary sewer plans submitted to the Township on August 3, 2017. ARRO sent a letter to the Authority approving the revised plans. ARRO received updated Preliminary/Final Land Development Plans on October 17, 2017 for review. ARRO issued an October 31, 2017 comments letter to the updated Preliminary/Final Land Development Plans, received on October 17, 2017, requesting additional information on proposed bathroom facilities to determine the sanitary sewer capacity that will need to be purchased. ARRO reviewed a request to allow installation of an 8" saddle on the existing 12" sewer main in lieu of 8" x 12" cut-in wye as shown on the Developer's approved design drawings. The request was denied unless further information is supplied supporting the request's feasibility. ARRO reviewed and accepted installation of an 8" saddle on the existing 12" sewer main in lieu of 8" x 12" cut-in wye. A preconstruction meeting for the project was held on January 11, 2018. On February 20, 2018, the Developer's contractor installed an 8" saddle on the existing 12" sewer main in Park Road. The contractor also started installing sewer within the site. ARRO is preparing a letter to the Authority in response to the capacity request from the Developer. ARRO is reviewing the sanitary sewer portion of a conditional use application for additional development at 160/180 Park Road. ARRO completed a review of the sanitary sewer portion of a conditional use application for additional development at 160/180 Park Road and submitted a May 28, 2019 letter to the Township. ARRO recommends an additional 8.66 EDUs of capacity should be purchased for the proposed use. ARRO prepared a July 23, 2019 comments letter to the Preliminary/Final Plans for Eagle Village Parking Expansion as prepared by DL Howell, dated July 3, 2019. An additional 8.5 EDUs need to be purchased for the

proposed use and a SFPM will be required. The Board of Supervisors granted approval of the Plans at their August 19, 2019 meeting. PADEP sent an August 19, 2019 letter stating no Sewage Facilities Planning Modules are required for expansion of the 160 Park Road parking lot. A capacity agreement for 8.5 EDUs was established. The first of six (6) capacity payments for the 8.5 EDUs (\$133,875.00 total) was made by the Developer on January 29, 2020. ARRO emailed the Developer's engineer on February 25, 2020 requesting the engineer contact PADEP about questions to the project.

Nothing new to report.

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 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 Pennsylvania Department of Community & Economic Development 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 the PA Department of Community & Economic Development 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.

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.

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.

ARRO is working on completing the design drawings and specifications 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.

Windsor Baptist Church – A Preliminary Plan – Land Development Plan was submitted for a 3-story building expansion to the church. ARRO prepared an April 4, 2019 letter to the Township with its comments to the sanitary sewer portion of the project. ARRO reviewed the Land Development Plan Revision No. 1, dated April 18, 2019, and received by ARRO July 1, 2019. ARRO prepared a July 1, 2019 letter to the Township with comments to the sanitary sewer portion of the plan.

Nothing new to report.

241 Park Road LLC (McQueen)

E. B. Walsh transmitted a September 2010 Grading and Utility Plan and a sanitary sewer Details drawing to ARRO. On October 10, 2019 E. B. Walsh informed ARRO that as yet no updated SFPM documents have been submitted for the project.

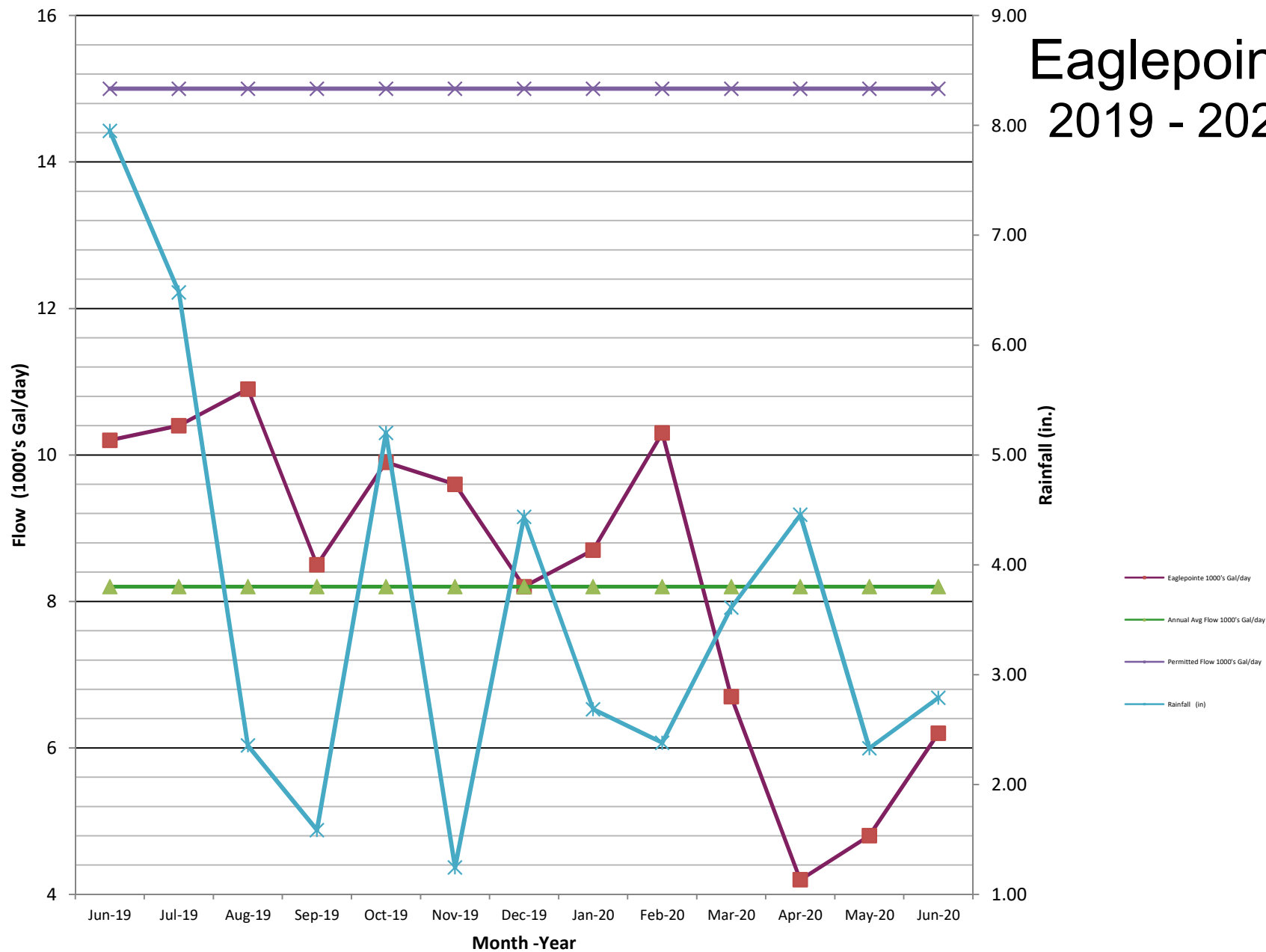
Nothing new to report.

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

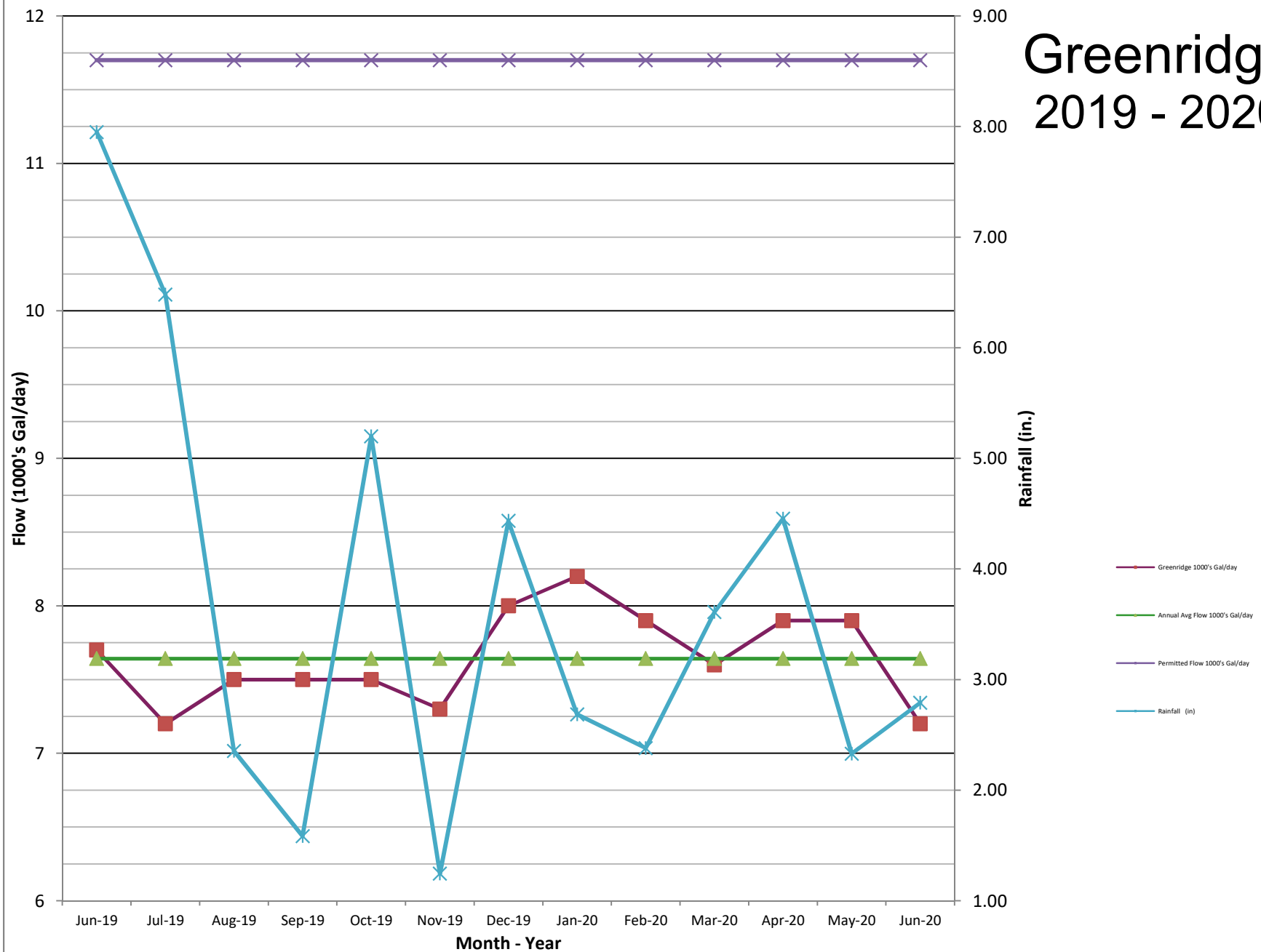
UPPER UWCHLAN MUNICIPAL AUTHORITY
WASTEWATER TREATMENT PLANTS
MONTHLY AVERAGE DAILY FLOWS

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
Jun-19		0.01020	0.00770	0.02310	0.03990	0.34300	0.00750	0.00200	7.95
Jul-19		0.01040	0.00720	0.02330	0.04040	0.34700	0.00790	0.00170	6.48
Aug-19		0.01090	0.00750	0.02250	0.03820	0.32830	0.00800	0.00140	2.36
Sep-19		0.00850	0.00750	0.02110	0.03630	0.33150	0.00720	0.00140	1.59
Oct-19		0.00990	0.00750	0.02120	0.03730	0.32760	0.00790	0.00250	5.20
Nov-19		0.00960	0.00730	0.02270	0.03850	0.33940	0.00790	0.00240	1.25
Dec-19		0.00820	0.00800	0.02600	0.04310	0.35160	0.00730	0.00240	4.44
Jan-20		0.00870	0.00820	0.02470	0.04180	0.35080	0.00700	0.00230	2.69
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
Annual Avg Flow =		0.00820	0.00764	0.02489	0.04123	0.35247	0.00755	0.00215	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

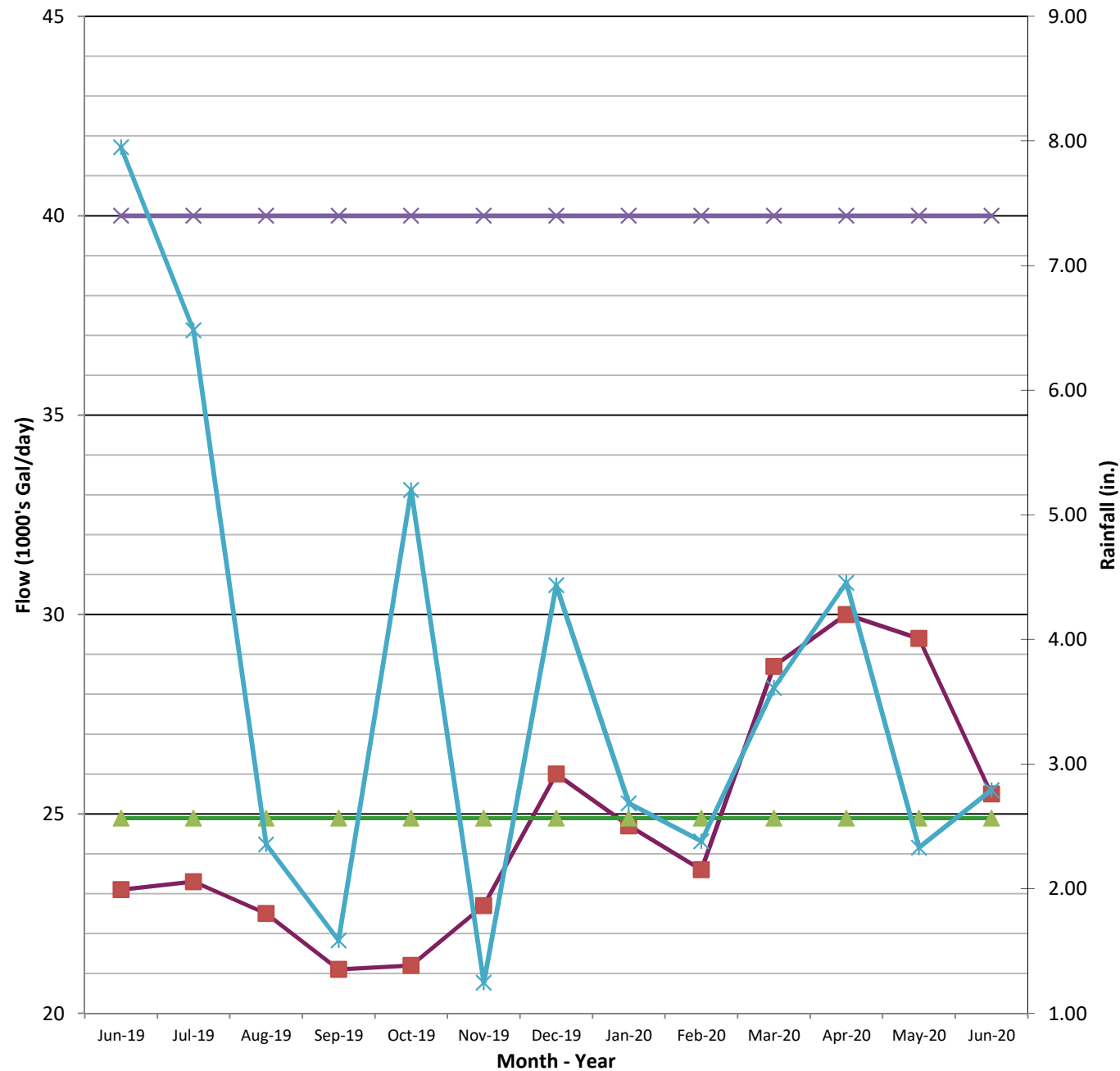
Eaglepointe 2019 - 2020



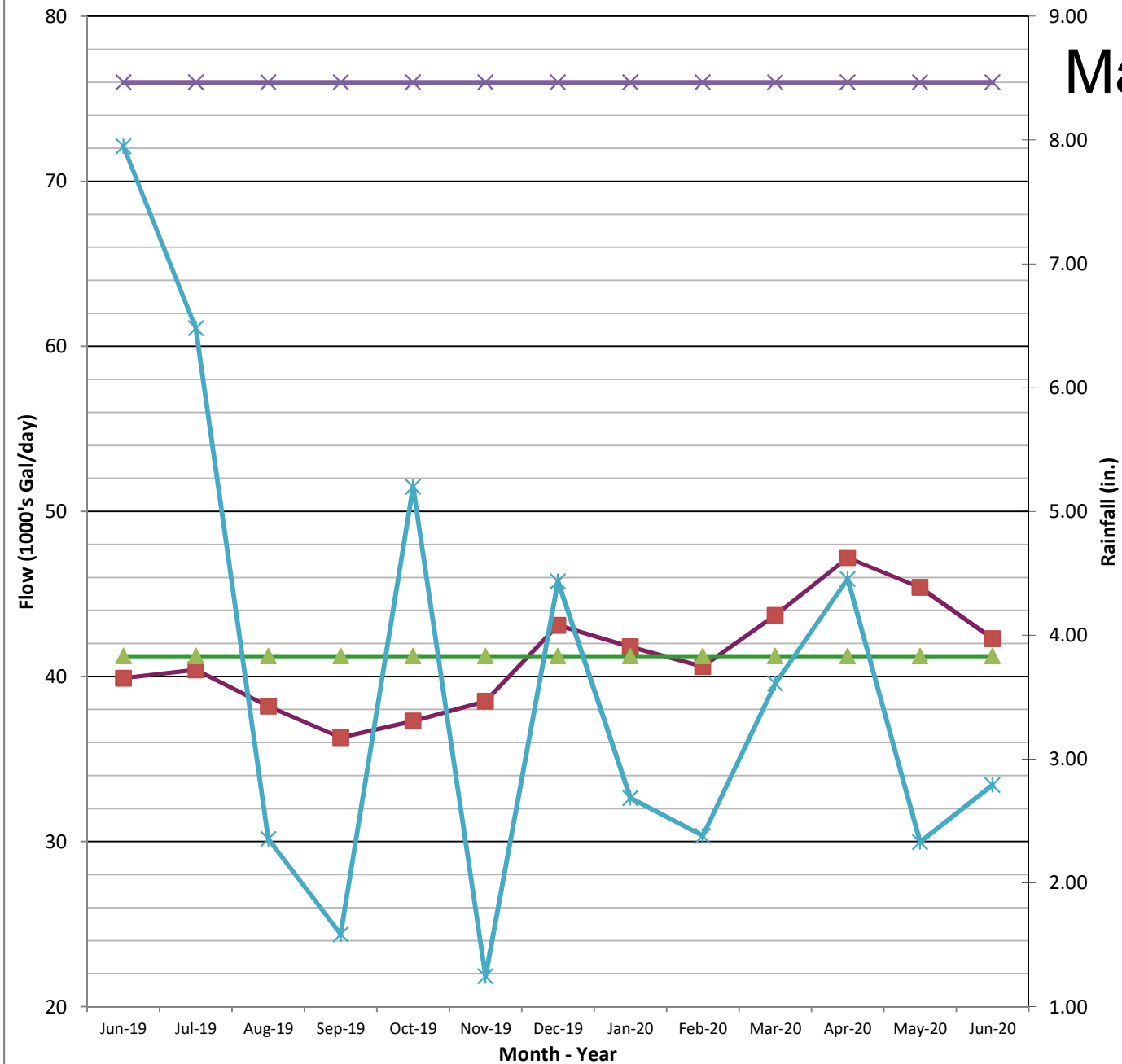
Greenridge 2019 - 2020



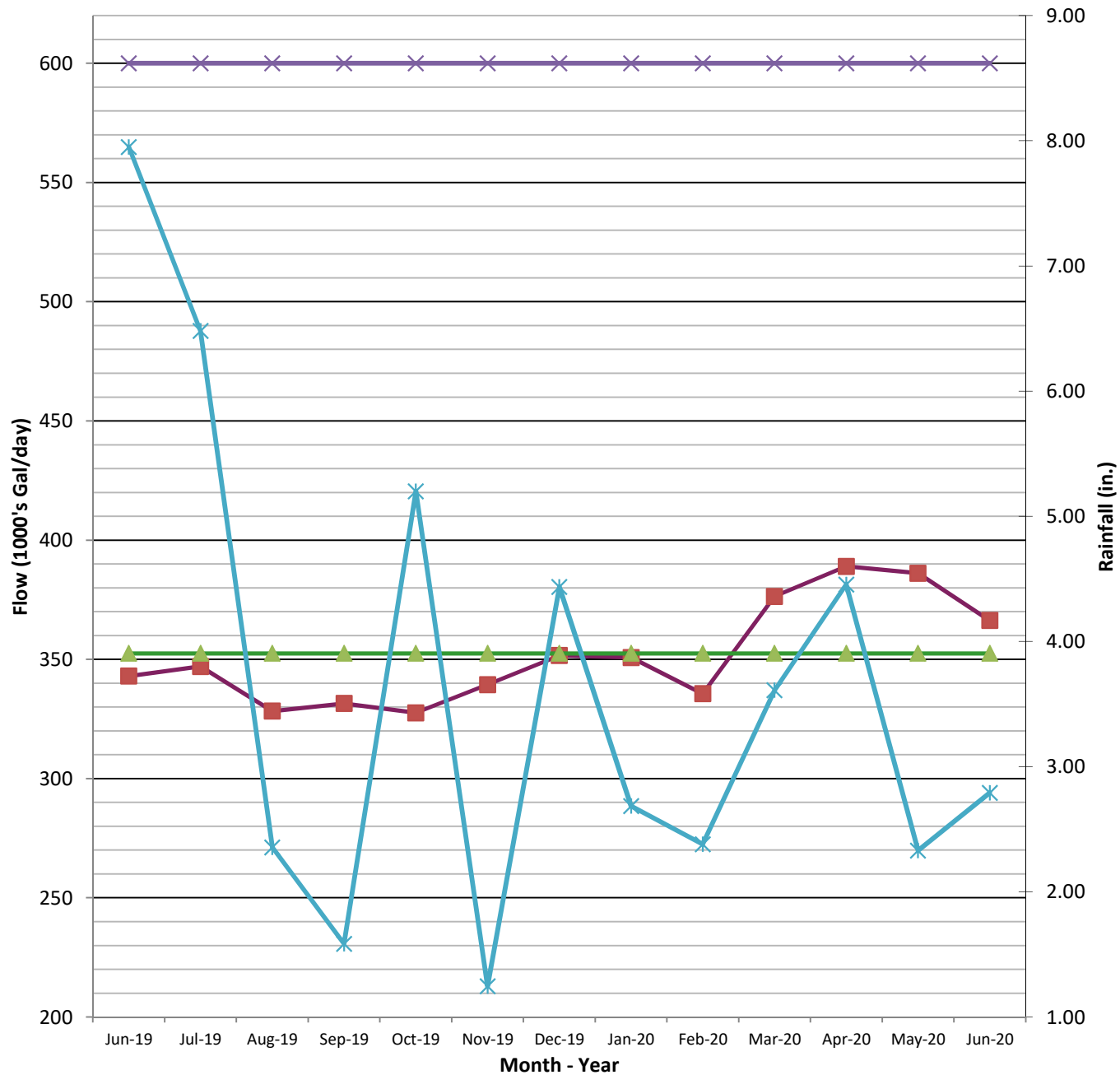
Lakeridge 2019 - 2020



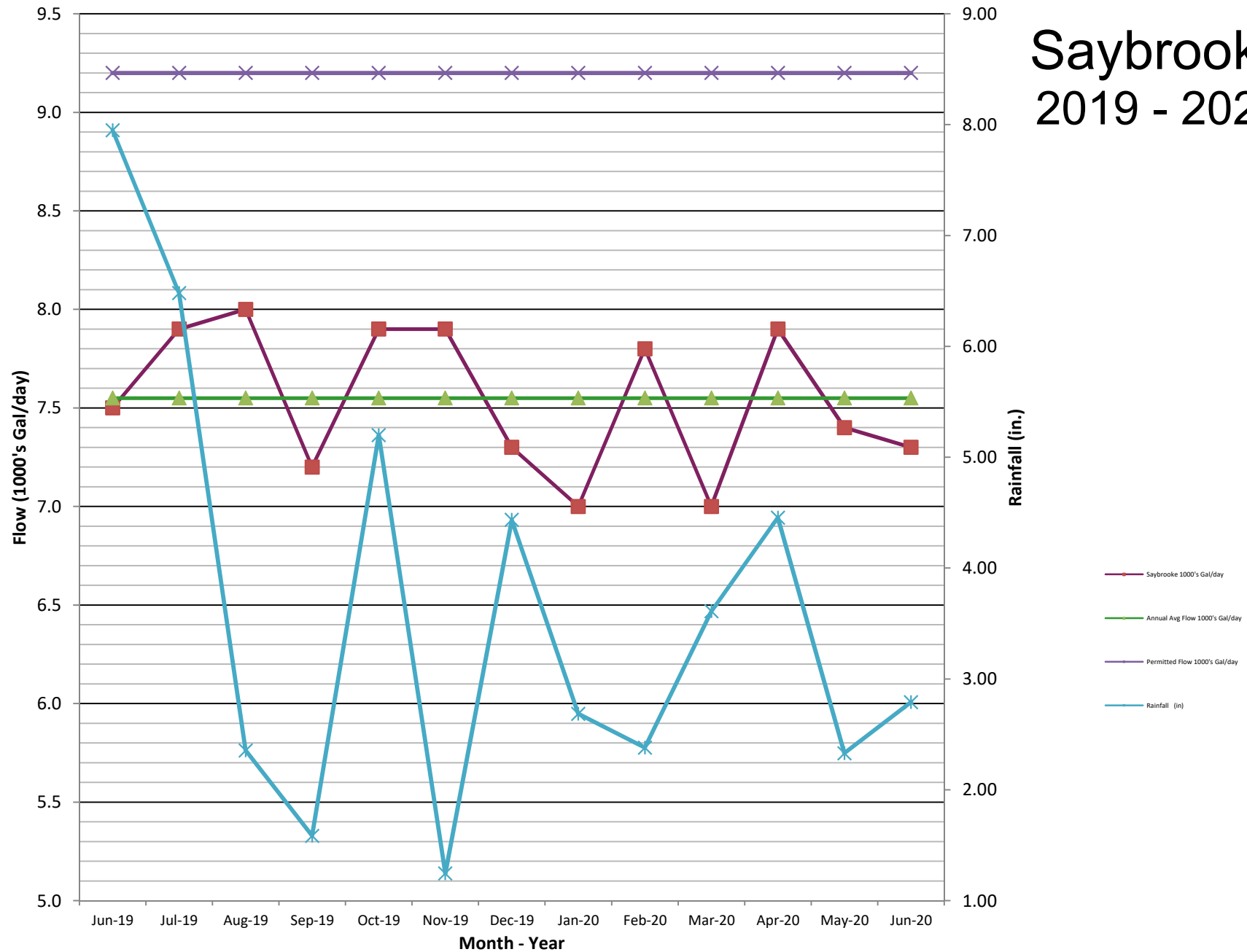
Marsh Harbour 2019 - 2020



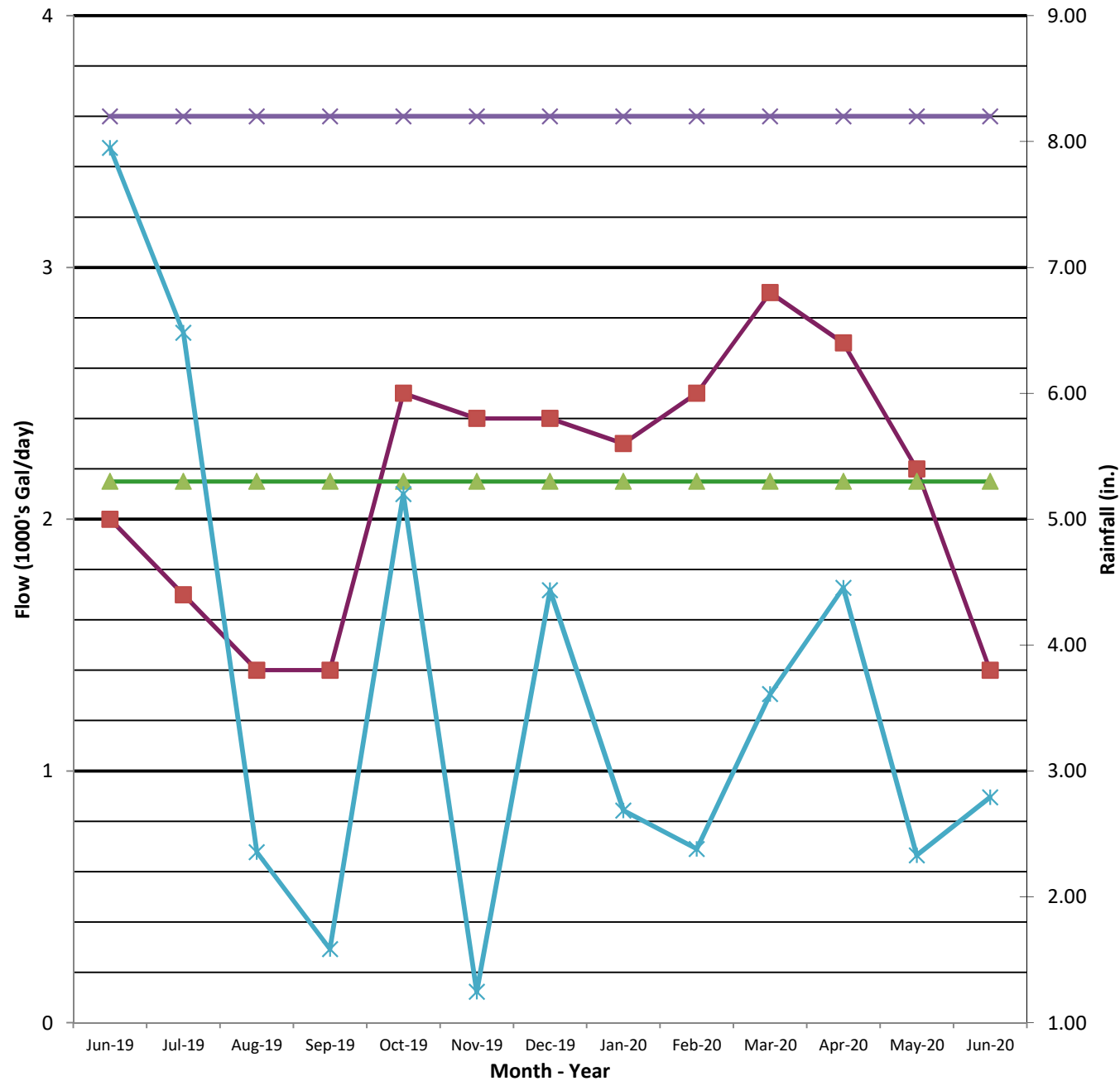
Route 100 2019 - 2020



Saybrooke 2019 - 2020



St. Andrews 2019 - 2020





To: Municipal Authority Members

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

Re: Authority Administrator's Report

Date: July 22, 2020

Activities for the month include:

- A. Communication with WWTF Operator and Township Staff regarding operational and maintenance issues.
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files.
- C. Communication with PADCED regarding grant status for Byers Road.
- D. Communication with McKee engineer and ARRO regarding Phase III design of the Route 100 WWTF, collection system and disposal system.
- E. Communication with PADEP and ARRO regarding assessment of the Meadow Creek collection system and preparation of planning documents for connection to the Greenridge system.
- F. Communication with PADEP regarding the Eaglepointe WWTF.
- G. Communication with residents regarding connection to the Lakeridge system.
- H. Communication with PADEP regarding the Byers Road extension and development connection.

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

WASTE WATER FACILITIES
MONTHLY REPORT JUNE 2020

ROUTE 100 REGIONAL SEWER PLANT (275 FELLOWSHIP)

- site check
- cleaned air conditioning system and replaced air filter and insulation
- repaired exhaust vent
- cleaned facility

BYERS STATION EFFLUENT PUMP STATION (1120 SUNDERLAND AVE):

- changed bulbs
- cleaned facility

BYERS STATION INFLUENT PUMP STATION (308 FLAGSTONE):

- repaired heaters
- cleaned facility

EWING PUMP STATION (2679 PRIMROSE CT):

- pressure washed building
- cleaned facility
- heater is not working properly, will get it repaired

EWING WEST VINCENT INFLUENT (304 FELLOWSHIP):

- cleaned facility

EAGLE HUNT PUMP STATION (422 HEMLOCK):

- site checked
- replaced outdoor light
- cleaned gutters
- cleaned facility

WINDSOR RIDGE PUMP STATION (10 PROSPECT HILL BLVD):

- site checked
- cleaned gutters
- cleaned facility

SAYBROOK SEWER PLANT (29 YARMOUTH):

- site checked
- adjusted and rehung signs
- cleaned up facility
- cleaned gutters

SEABURY PUMP STATION (527 SAYBROOK LN) :

- site check
- repaired fence

YARMOUTH LN PUMPS STATION #1 (51A YARMOUTH) :

- site check
- changed frozen lock

YARMOUTH LN PUMP STATION #2 (13 YARMOUTH) :

- site check
- lubed locks
- trimmed limbs

ST. ANDREWS BRAE SEWER PLANT (8 KILORAN WYND) :

- site checked
- lubed locks
- cleaned up limbs
- killed ants
- repaired fence

ST. ANDREWS PUMP STATION (St. Andrews) :

- site checked
- lubed locks

RESERVE AT EAGLE LAGOON (314A PRESCOTT DR) :

- site checked
- repaired light switch
- cleaned gutters
- cleaned facility

RESERVE AT EAGLE PUMP STATION #1 (199 PRESCOTT) :

- site checked
- cleaned gutters
- lubed locks
- cleaned facility

RESERVE AT EAGLE PUMP STATION #2 (439 PRESCOTT) :

- site check
- cleaned gutters
- cleaned birds nest out of generator exhaust
- installed wire on exhaust to keep birds from nesting

UPLAND FARMS PUMP STATION (100 DARRELL Way)

- site checked
- cleaned facility

GREENRIDGE SEWER PLANT (711 DORIAN CT) :

- site check
- put out mouse bait to kill mice and removed dead mice
- repaired faucet
- cleaned facility

STONEHEDGE PUMP STATION (103 INDIAN SPRINGS WEST) :

- site checked
- cut limbs that were rubbing roof
- cleaned facility

MARSH HARBOUR SEWER PLANT (2500 MALLARD LN) :

- site checked
- repaired outdoor light
- changed bulbs
- cleaned facility

MARSH HARBOUR PUMP STATION (509A LARKINS BRIDGE) :

- site checked
- lubed locks

MEADOW CREEK LANE SEWER PLANT (2 MEADOW CREEK LN) :

- site checked and lubed locks

EAGLE POINT SEWER PLANT (1960 TICONDEROGA BLVD) :

- site checked
- replaced safety ring and rope
- cleaned facility

HERRON HILL PUMPS STATION (34A HERRON HILL} :

- site checked

LAKERIDGE SEWER PLANT (540 WALTER CT) :

- site check
- cleaned facility
- replaced outdoor lights
- cleaned facility

LAKERIDGE PUMP STATION (201 MOORE RD) :

- site checked
- lubed locks

EAGLE FARMS RD PUMP STATION (WV) (INTERSECTION EAGLE FARM RD AND POWELL) :

- site check
- cleaned facility

LITTLE CONESTOGA RD PUMP STATION (381 LITTLE CONESTOGA RD) :

- site checked
- cleaned gutters
- mowing
- cleaned facility

EAGLE MANOR PUMP STATION (111 DOROTHY LN) :

- site checked
- lubed locks

GARRISON RD PUMP STATION #1 (GARRISON RD AND RT 100) :

- site check

GARRISON, RD PUMP STATION #2 (GARRISON RD AND RT 100) :

- site check
- replaced bad valve cover and riser