



AGENDA

February 23, 2021

7:30 p.m.

LOCATION:

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

	Packet Page #
I. Call to Order	
II. Approval of Minutes: January 26, 2021	2
III. Approval of Payments: February 2021	4
IV. Treasurer's Report	10
V. Authority Administration Reports	
A. Clean Water, Inc. Monthly Report	14
B. ARRO Consulting Monthly Report	16
C. Authority Administrator's Report	40
D. Public Works Department Report	42
VI. Open Session	
VII. Next Meeting Date: March 23, 2021 ~ 7:30 p.m.	
VIII. Adjournment	



MEETING MINUTES

January 26, 2021

7:30 PM

DRAFT

In attendance via video teleconference: H. Harper, Chairman, D. Carlson, Member, L. Schack, Member, W. Quinn, Member, G. Matthew Brown, P.E., DEE, Authority Administrator, Cary Vargo, ARRO Consulting, Inc. and David Schlott, Jr, P.E., ARRO Consulting, Inc.

Call to Order

H. Harper, Chairman, called the meeting to order at 7:30 PM.

2021 Reorganization

H. Harper requested nominations for Chairman and Vice-Chairman for 2021. D. Carlson made a motion to name B. Watts as Chairman and L. Schack as Vice-Chairman for the new year. W. Quinn seconded the motion. It was so moved.

B. Watts was not present so the new Vice-Chairman, L. Schack chaired the meeting and asked for a motion to appoint the slate of professionals for 2021. D. Carlson made a motion to appoint the following:

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

Authority Solicitor – Christopher E. Frantz, Esq.

Authority Engineer – ARRO Consulting, Inc.

Authority Operator – Clean Water, Inc.

H. Harper seconded the motion. It was so moved.

Approval of Minutes

Draft minutes of the December 22, 2020 meeting were presented. D. Carlson made a motion to approve the minutes as submitted. H, Harper seconded. It was so moved.

Approval of Payments

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

Authority Administration Reports

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

M. Brown reported that six bids were received on January 15, 2021 for the Byers Road Sanitary Sewer Extension Project. The apparent low bidder is Highway Materials, Inc. with a total extended bid of \$637,504.30 including the cost of Alternative "A" – Sewer Extension across Route 100. M. Brown noted that since the project was partially funded by a DCED grant that agency approval of the bids was also necessary. M. Brown then noted that the low bidder had provided sufficient experience to qualify them as a bidder in the opinion of ARRO. D. Carlson expressed familiarity with the apparent low bidder but questioned their experience with similar work. M. Brown and D. Schlott noted they did the same with the contractor who did submit additional information illustrating that their experience met Authority requirements. Therefore, ARRO recommended that an Intent to Award Letter be issued. Following discussion over the apparent low bidder, H. Harper moved to authorize ARRO to issue an Intent to Award letter to Highway Materials, Inc. W. Quinn seconded the motion. It so moved.

M. Brown noted the letter in the packet from an engineer, Arcadis, regarding the installation of a transfer station and office on Fellowship Road in West Vincent Township. He noted the project would trigger the renegotiation of the intermunicipal agreement.

M. Brown reviewed a proposed development proposed for 100 Greenridge Road consisting of 78 single family homes for an active adult community. He noted that he and D. Schlott had met with the developer and the developer's engineer to discuss their project. M. Brown noted he would keep the Authority apprised of the progress of the project as he learned it. D. Carlson provided some background and information regarding the parcel.

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

D. Carlson noted the contract for the Authority Administrator position in the Board packet. He stated he had not had time to review it thoroughly and asked it to be tabled till a review was complete. M. Brown noted it was in response to a comment made in the 2019 Audit Report. D. Carlson briefed the Authority on the two issues from the previous year's audit report that the Authority agreed to address.

Open Session

No members of the public joined the virtual meeting.

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

L. Schack noted the date and time of the next meeting of the Authority.

Adjournment

There being no further business to be brought before the Authority, H. Harper moved, seconded by W. Quinn to adjourn the meeting at 8:20 PM.

Respectfully submitted,

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

February 22, 2021
10:03 AM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MA MERIDIAN to MA MERIDIAN Range of Check Ids: 2409 to 2425
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
2409	02/23/21	ALSGROUP ALS GROUP USA, CORP	414.90		2370
2410	02/23/21	AQUAP010 AQUA PA	494.84		2370
2411	02/23/21	ARROC010 ARRO CONSULTING, INC.	32,720.10		2370
2412	02/23/21	CLEANWAT CLEAN WATER, INC.	6,455.00		2370
2413	02/23/21	DELTRUST DELAWARE VALLEY PROP&LIA TRST	4,012.50		2370
2414	02/23/21	DYNAT010 DYNA TECH INDUSTRIES LTD	877.79		2370
2415	02/23/21	INTER010 INTERCON TRUCK EQUIPMENT	358.00		2370
2416	02/23/21	LUDWI060 LUDWIG'S CORNER SUPPLY CO.	12.31		2370
2417	02/23/21	MAPLEDIR MAPLE DIRECT INC	9.99		2370
2418	02/23/21	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC	9,170.11		2370
2419	02/23/21	MJREIDER M. J. REIDER ASSOCIATES, INC.	843.50		2370
2420	02/23/21	MSSER040 M & S SERVICE COMPANY, INC.	1,125.00		2370
2421	02/23/21	NAPA0010 NAPA AUTO PARTS	58.11		2370
2422	02/23/21	PECO0010 PECO ENERGY	19,310.08		2370
2423	02/23/21	PRED0010 PREDOC	1,634.22		2370
2424	02/23/21	UNIVA010 UNIVAR USA INC	2,130.44		2370
2425	02/23/21	VERIZFIO VERIZON	1,337.55		2370

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	17	0	80,964.44	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	<u>17</u>	<u>0</u>	<u>80,964.44</u>	<u>0.00</u>

February 22, 2021
10:01 AM

Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 1

Batch Id: LHAINES Batch Type: C Batch Date: 02/23/21 Checking Account: MA MERIDIAN G/L Credit: Expenditure G/L Credit
Generate Direct Deposit: N

Check No.	Check Date	Vendor # Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct
PO #	Enc Date	Item Description		Description					
<hr/>									
02/23/21 ALSGROUP ALS GROUP USA, CORP									
21-00228	02/23/21	1 saybrooke	414.90	P.O. BOX 975444	06-420-000-030	Expenditure	Aprv	9	1
				Testing					
			414.90						
<hr/>									
02/23/21 AQUAP010 AQUA PA									
21-00242	02/23/21	1 325 fellowship road	164.69	PO BOX 70279	06-409-000-037	Expenditure	Aprv	52	1
				Water					
21-00242	02/23/21	2 658 collingwood terr	54.25	06-409-000-037	06-409-000-037	Expenditure	Aprv	53	1
				Water					
21-00242	02/23/21	3 241 fellowship road	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	54	1
				Water					
21-00242	02/23/21	4 29 yarmouth lane	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	55	1
				Water					
21-00242	02/23/21	5 425 hemlock lane	54.25	06-409-000-037	06-409-000-037	Expenditure	Aprv	56	1
				Water					
21-00242	02/23/21	6 2680 primrose court	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	57	1
				Water					
21-00242	02/23/21	7 119 prescott drive	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	58	1
				Water					
21-00242	02/23/21	8 439 prescott drive	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	59	1
				Water					
21-00242	02/23/21	9 100 prescott drive	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	60	1
				Water					
21-00242	02/23/21	10 meadow creek lane	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	61	1
				Water					
21-00242	02/23/21	11 308 flagstone road	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	62	1
				Water					
21-00242	02/23/21	12 1 prospect hill blvd	54.25	06-409-000-037	06-409-000-037	Expenditure	Aprv	63	1
				Water					
21-00242	02/23/21	13 1120 sunderland ave	18.60	06-409-000-037	06-409-000-037	Expenditure	Aprv	64	1
				Water					
			494.84						
<hr/>									
02/23/21 ARROC010 ARRO CONSULTING, INC.									
21-00227	02/23/21	1 project 9310.32 ww sys admin	10,029.60	108 WEST AIRPORT ROAD	06-400-000-002	Expenditure	Aprv	1	1
				Authority Administrator					
21-00227	02/23/21	2 project 17000.00 consulting	3,668.50	06-408-000-000	06-408-000-000	Expenditure	Aprv	2	1
				Engineering Fees					
21-00227	02/23/21	3 project 10270.48 byers road	5,214.90	06-408-000-000	06-408-000-000	Expenditure	Aprv	3	1
				Engineering Fees					
21-00227	02/23/21	4 project 10270.56 route 100	2,311.00	06-408-000-000	06-408-000-000	Expenditure	Aprv	4	1
				Engineering Fees					
21-00227	02/23/21	5 project 10270.64 milford farms	3,253.00	06-408-000-000	06-408-000-000	Expenditure	Aprv	5	1
				Engineering Fees					
21-00227	02/23/21	6 project 10270.71 act 537	1,189.75	06-408-000-000	06-408-000-000	Expenditure	Aprv	6	1
				Engineering Fees					
21-00227	02/23/21	7 project 10270.72 meadow creek	2,241.50	06-408-000-000	06-408-000-000	Expenditure	Aprv	7	1
				Engineering Fees					

February 22, 2021
10:01 AM

Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 2

Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00227	02/23/21	8 project 10270.75 upland	4,811.85	06-408-000-000 Engineering Fees	Expenditure	Aprv	8	1
			<u>32,720.10</u>					
	02/23/21	CLEANWAT CLEAN WATER, INC.		170 DALLAS STREET				
21-00229	02/23/21	1 monthly operations	6,455.00	06-420-000-045 Contracted Services	Expenditure	Aprv	10	1
			<u>6,455.00</u>					
	02/23/21	DELTRUST DELAWARE VALLEY PROP&LIA TRST		P.O. BOX 95000-5725				
21-00230	02/23/21	1 property insurance	2,723.05	06-409-000-035 Insurance	Expenditure	Aprv	11	1
21-00230	02/23/21	2 liability insurance	1,289.45	06-400-000-352 Insurance - Liability	Expenditure	Aprv	12	1
			<u>4,012.50</u>					
	02/23/21	DYNAT010 DYNA TECH INDUSTRIES LTD		120 N 25TH STREET				
21-00231	02/23/21	1 windsor ridge - battery repair	877.79	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	13	1
			<u>877.79</u>					
	02/23/21	INTER010 INTERCON TRUCK EQUIPMENT		142A CONCHESTER HWY				
21-00241	02/23/21	1 ma - headlight kit	358.00	06-420-000-020 Supplies	Expenditure	Aprv	51	1
			<u>358.00</u>					
	02/23/21	LUDWI060 LUDWIG'S CORNER SUPPLY CO.		1230 POTTSTOWN PIKE				
21-00232	02/23/21	1 ma - u-bolt	12.31	06-420-000-020 Supplies	Expenditure	Aprv	14	1
			<u>12.31</u>					
	02/23/21	MAPLEDIR MAPLE DIRECT INC		2349 HADDONFIELD ROAD				
21-00233	02/23/21	1 postage due	9.99	06-406-000-100 Utility Billing Costs	Expenditure	Aprv	15	1
			<u>9.99</u>					
	02/23/21	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC		920 SOUTH BOLMAR STREET				
21-00235	02/23/21	1 eaglepointe	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	17	1
21-00235	02/23/21	2 eaglepointe	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	18	1
21-00235	02/23/21	3 eaglepointe	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	19	1
21-00235	02/23/21	4 eaglepointe	263.93	06-420-000-031 Pump & Haul	Expenditure	Aprv	20	1
21-00235	02/23/21	5 eaglepointe	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	21	1
21-00235	02/23/21	6 eaglepointe	351.90	06-420-000-031 Pump & Haul	Expenditure	Aprv	22	1
21-00235	02/23/21	7 eaglepointe	404.69	06-420-000-031 Pump & Haul	Expenditure	Aprv	23	1
21-00235	02/23/21	8 route 100 wwtp	77.63	06-420-000-031	Expenditure	Aprv	24	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00235	02/23/21	9 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	25	1
21-00235	02/23/21	10 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	26	1
21-00235	02/23/21	11 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	27	1
21-00235	02/23/21	12 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	28	1
21-00235	02/23/21	13 route 100 wwtp	2,107.05	Pump & Haul 06-420-000-031	Expenditure	Aprv	29	1
21-00235	02/23/21	14 route 100 wwtp	2,042.22	Pump & Haul 06-420-000-031	Expenditure	Aprv	30	1
21-00235	02/23/21	15 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	31	1
21-00235	02/23/21	16 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	32	1
21-00235	02/23/21	17 route 100 wwtp	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	33	1
21-00235	02/23/21	18 byers station	1,971.68	Pump & Haul 06-420-000-031	Expenditure	Aprv	34	1
			9,170.11					
02/23/21 MJREIDER M. J. REIDER ASSOCIATES, INC.				107 ANGELICA STREET				
21-00236	02/23/21	1 st. andrews	119.00	06-420-000-030 Testing	Expenditure	Aprv	35	1
21-00236	02/23/21	2 eaglepointe	178.50	06-420-000-030 Testing	Expenditure	Aprv	36	1
21-00236	02/23/21	3 lakeridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	37	1
21-00236	02/23/21	4 marsh harbor	122.50	06-420-000-030 Testing	Expenditure	Aprv	38	1
21-00236	02/23/21	5 st. andrews	108.50	06-420-000-030 Testing	Expenditure	Aprv	39	1
21-00236	02/23/21	6 saybrooke	108.50	06-420-000-030 Testing	Expenditure	Aprv	40	1
21-00236	02/23/21	7 reserve,eagle hunt,byers,ewing	56.00	06-420-000-030 Testing	Expenditure	Aprv	41	1
21-00236	02/23/21	8 ewing,byers,eagle hunt	42.00	06-420-000-030 Testing	Expenditure	Aprv	42	1
			843.50					
02/23/21 MSSER040 M & S SERVICE COMPANY, INC.				1220 VALLEY FORGE ROAD #16				
21-00234	02/23/21	1 ewing tract ps	1,125.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	16	1
			1,125.00					
02/23/21 NAPA0010 NAPA AUTO PARTS				PO BOX 414988				
21-00237	02/23/21	1 ma - oil filter	40.12	06-420-000-020 Supplies	Expenditure	Aprv	43	1
21-00237	02/23/21	2 ma - wiper	17.99	06-420-000-020 Supplies	Expenditure	Aprv	44	1

February 22, 2021
10:01 AM

Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 4

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
			58.11					
	02/23/21	PECO0010 PECO ENERGY		SUMMARY BILL PROCESSING CENTER				
21-00243	02/23/21	1 304 fellowship road	265.69	06-409-000-036 Electric	Expenditure	Aprv	65	1
21-00243	02/23/21	2 2500 eagle farms road	872.04	06-409-000-036 Electric	Expenditure	Aprv	66	1
21-00243	02/23/21	3 seabury lane	32.77	06-409-000-036 Electric	Expenditure	Aprv	67	1
21-00243	02/23/21	4 primrose court	355.38	06-409-000-036 Electric	Expenditure	Aprv	68	1
21-00243	02/23/21	5 100 prescott drive	311.70	06-409-000-036 Electric	Expenditure	Aprv	69	1
21-00243	02/23/21	6 meadow creek lane	26.61	06-409-000-036 Electric	Expenditure	Aprv	70	1
21-00243	02/23/21	7 301 pottstown pike	873.42	06-409-000-036 Electric	Expenditure	Aprv	71	1
21-00243	02/23/21	8 kristines/milford	156.48	06-409-000-036 Electric	Expenditure	Aprv	72	1
21-00243	02/23/21	9 711 dorian road	568.82	06-409-000-036 Electric	Expenditure	Aprv	73	1
21-00243	02/23/21	10 111 dorothy lane	98.01	06-409-000-036 Electric	Expenditure	Aprv	74	1
21-00243	02/23/21	11 dorlan drive	1,510.65	06-409-000-036 Electric	Expenditure	Aprv	75	1
21-00243	02/23/21	12 381 lcr	348.60	06-409-000-036 Electric	Expenditure	Aprv	76	1
21-00243	02/23/21	13 milford road	28.87	06-409-000-036 Electric	Expenditure	Aprv	77	1
21-00243	02/23/21	14 st. andrews	38.30	06-409-000-036 Electric	Expenditure	Aprv	78	1
21-00243	02/23/21	15 park road	1,642.99	06-409-000-036 Electric	Expenditure	Aprv	79	1
21-00243	02/23/21	16 55 pottstown pike	581.29	06-409-000-036 Electric	Expenditure	Aprv	80	1
21-00243	02/23/21	17 yarmouth lane	476.96	06-409-000-036 Electric	Expenditure	Aprv	81	1
21-00243	02/23/21	18 sunderland ave	1,581.76	06-409-000-036 Electric	Expenditure	Aprv	82	1
21-00243	02/23/21	19 kiloran wynd drive	167.00	06-409-000-036 Electric	Expenditure	Aprv	83	1
21-00243	02/23/21	20 flagstone road	1,056.23	06-409-000-036 Electric	Expenditure	Aprv	84	1
21-00243	02/23/21	21 yarmouth lane	38.46	06-409-000-036 Electric	Expenditure	Aprv	85	1
21-00243	02/23/21	22 140 pottstonw pike	192.17	06-409-000-036 Electric	Expenditure	Aprv	86	1
21-00243	02/23/21	23 275 fellowship road	6,356.13	06-409-000-036 Electric	Expenditure	Aprv	87	1
21-00243	02/23/21	24 heron hill drive	148.10	06-409-000-036 Electric	Expenditure	Aprv	88	1
21-00243	02/23/21	25 indian springs drive	95.68	06-409-000-036	Expenditure	Aprv	89	1

February 22, 2021
10:01 AM

Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
21-00243	02/23/21	26 yarmouth lane	69.70	Electric 06-409-000-036	Expenditure	Aprv	90	1
21-00243	02/23/21	27 hemlock lane	309.21	Electric 06-409-000-036	Expenditure	Aprv	91	1
21-00243	02/23/21	28 fellowship road	1,107.06	Electric 06-409-000-036	Expenditure	Aprv	92	1
			<u>19,310.08</u>	Electric				
02/23/21 PREDO010 PREDOC				14 CHRISEVYN LANE				
21-00238	02/23/21	1 marsh harbor	285.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	45	1
21-00238	02/23/21	2 pump house	95.00	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	46	1
21-00238	02/23/21	3 route 100 plant	1,254.22	06-420-000-025 Maintenance & Repair	Expenditure	Aprv	47	1
			<u>1,634.22</u>					
02/23/21 UNIVA010 UNIVAR USA INC				13009 COLLECTIONS CTR DRIVE				
21-00240	02/23/21	1 chemicals	2,130.44	06-420-000-022 Chemicals	Expenditure	Aprv	50	1
			<u>2,130.44</u>					
02/23/21 VERIZFIO VERIZON				PO BOX 15124				
21-00239	02/23/21	1 internet	284.80	06-409-000-032 Telephone	Expenditure	Aprv	48	1
21-00239	02/23/21	2 february telephone	1,052.75	06-409-000-032 Telephone	Expenditure	Aprv	49	1
			<u>1,337.55</u>					
checks:	<u>Count</u> 17	<u>Line Items</u> 92	<u>Amount</u> 80,964.44					

There are NO errors or warnings in this listing.

Upper Uwchlan Township Municipal Authority

Balance Sheet

As of January 31, 2021

ASSETS

<u>Cash</u>		
06-100-000-010	General Checking - Fulton Bank	\$ 160,591.83
06-100-000-015	General Checking - Meridian Bank	119,869.02
06-100-000-020	General Checking - WIPP	155,694.75
06-106-000-002	Connection Fee Account	658,734.65
06-110-000-100	Fulton Bank Bond Proceeds - ICS	-
06-110-000-200	Fulton Bank Bond Proceeds - MMDA	5,360,679.42
	Total Cash	6,455,569.67
<u>PSDLAF Investments:</u>		
06-109-000-003	CD Program	-
06-109-000-004	Full Flex	188.21
		188.21
	Total Investments	188.21
<u>Accounts Receivable</u>		
06-145-000-001	Usage Fees Receivable	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	6,348.00
06-130-000-003	Due from UUT Capital Fund	-
06-130-000-004	Due from Solid Waste Fund	8,386.89
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	14,734.89
<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		\$ 10,510,910.83

Upper Uwchlan Township Municipal Authority
Balance Sheet
As of January 31, 2021

LIABILITIES AND FUND BALANCE

		<u>Current Liabilities</u>	
06-200-000-020	Accounts Payable	-	
06-230-000-010	Due to UUT General Fund	36,710.93	
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	29,513.22	
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	32,720.10	
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	5,327,636.32	
		<u>Equity</u>	
06-272-000-001	Opening Bal Equity	753,500.35	
06-272-000-002	Retained Earnings	4,241,548.11	
	Current Period Net Income (Loss)	188,226.05	
	Total Equity	5,183,274.51	
	Total Fund Balance	5,183,274.51	
	Total Liabilities & Fund Balance	\$ 10,510,910.83	

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

For the Period Ended January 31, 2021

	Actual 2021 YTD	Budget 2021	% of Budget	Actual 2020 <i>(Unaudited)</i>	Budget 2020
<u>REVENUES</u>					
06-340-000-000 Interest Income	\$ 1,047.79	\$ 43,500.00	2.4%	36,969.17	\$ 80,000.00
06-365-000-000 Usage Fees Residential	43,591.38	2,250,000.00	1.9%	2,229,892.88	2,293,851.00
06-365-000-001 Usage Fees Commercial	97.20	100,000.00	0.1%	97,167.60	-
06-365-000-010 Connection Fees	258,050.00	4,677,750.00	5.5%	51,570.72	1,622,250.00
06-365-000-015 Sewer - resident refunds	-	-	#DIV/0!	(88.00)	-
Grant revenue	-	465,000.00	0.0%	11,471.00	-
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!	-	-
06-395-000-000 Refund of Prior Year Expenditures	-	-	#DIV/0!	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	#DIV/0!	-	-
TOTAL REVENUES	\$ 302,786.37	\$ 7,537,250.00	4.0%	\$ 2,426,983.37	\$ 3,997,101.00

<u>EXPENDITURES</u>					
<u>General:</u>					
06-400-000-001 Administration	22,061.33	264,736.00	8.3%	245,253.44	273,821.00
06-400-000-002 Authority Administrator	10,029.60	120,000.00	8.4%	124,393.84	120,000.00
06-400-000-003 Professional Fees	-	5,000.00	0.0%	-	12,000.00
06-400-000-200 Admin Supplies	-	1,000.00	0.0%	298.50	1,000.00
06-400-000-341 Advertising	-	3,000.00	0.0%	2,928.03	5,000.00
06-400-000-352 Insurance - Liability	-	5,370.00	0.0%	4,111.96	5,370.00
06-400-000-355 Bank Fees	17.00	650.00	2.6%	97.00	650.00
06-402-000-450 Audit Fees	-	7,500.00	0.0%	5,800.00	5,450.00
06-404-000-000 Legal Fees	-	25,000.00	0.0%	5,460.00	25,000.00
06-406-000-100 Utility Billing Costs	75.00	13,000.00	0.0%	12,607.53	12,000.00
06-408-000-000 Engineering Fees	22,690.50	150,000.00	15.1%	410,263.25	175,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	#DIV/0!	-	-
	54,873.43	595,256.00	9.2%	811,213.55	635,291.00

<u>Building Expenses:</u>					
06-409-000-031 Lawn Care	-	5,000.00	0.0%	-	5,000.00
06-409-000-032 Telephone	1,348.10	15,000.00	9.0%	15,305.48	15,000.00
06-409-000-035 Insurance	-	15,000.00	0.0%	12,335.84	11,078.00
06-409-000-036 Electric	21,494.51	250,000.00	8.6%	194,594.46	250,000.00
06-409-000-037 Water	612.63	20,000.00	3.1%	11,920.39	20,000.00
06-409-000-052 Bldg Maint & Repair	-	10,000.00	0.0%	-	10,000.00
06-409-000-260 Building Supplies & Small Tools	-	15,000.00	0.0%	-	15,000.00
06-409-000-427 Waste Disposal	-	-	#DIV/0!	-	-
	23,455.24	330,000.00	7.1%	234,156.17	326,078.00

<u>Operations:</u>					
06-420-000-020 Supplies	206.85	50,000.00	0.4%	25,452.90	50,000.00
06-420-000-022 Chemicals	-	15,000.00	0.0%	8,096.12	15,000.00
06-420-000-023 Propane and Fuel Oil	-	5,000.00	0.0%	2,991.41	5,000.00
06-420-000-025 Maintenance & Repair	790.00	120,000.00	0.7%	158,210.00	120,000.00
06-420-000-030 Testing	5,045.80	35,000.00	14.4%	36,203.10	35,000.00
06-420-000-031 Pump & Haul	7,067.25	60,000.00	11.8%	100,218.05	50,000.00
06-420-000-032 Vegetation Management	-	20,000.00	0.0%	5,895.00	20,000.00
06-420-000-035 Permits	650.00	5,000.00	13.0%	2,878.00	5,000.00
06-420-000-042 Dues and Memberships	-	-	#DIV/0!	75.00	-
06-420-000-045 Contracted Services	22,005.00	150,000.00	14.7%	161,528.16	150,000.00
06-420-000-048 Misc expenses	-	10,000.00	0.0%	289.00	10,000.00
06-420-000-235 Vehicle Maintenance	372.87	2,000.00	18.6%	-	2,000.00
06-420-000-329 PA One Call	93.88	2,500.00	3.8%	1,874.59	2,500.00
	36,231.65	474,500.00	7.6%	503,711.33	464,500.00

Upper Uwchlan Township Municipal Authority
Statement of Revenues and Expenditures

For the Period Ended January 31, 2021
(Continued)

		Actual 2021 YTD	Budget 2021	% of Budget	Actual 2020 <i>(Unaudited)</i>	Budget 2020
	<u>Capital:</u>					
06-483-000-000	Capital Repair	-	100,000.00	0.0%	94,658.53	50,000.00
06-483-000-100	Capital Construction	-	2,700,000.00	0.0%	-	1,500,000.00
06-493-000-083	Depreciation	-	100,000.00	0.0%	-	100,000.00
		-	2,900,000.00	0.0%	94,658.53	1,650,000.00
Total Expenditures before Operations Agreement and Transfers		\$ 114,560.32	\$ 4,299,756.00	2.7%	\$ 1,643,739.58	\$ 3,075,869.00
Net Income before Operations Agreement and Transfers		\$ 188,226.05	\$ 3,237,494.00	5.8%	783,243.79	921,232.00
	<u>Other:</u>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	-	#DIV/0!	-	-
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	-	236,744.00	0.0%	237,407.79	237,494.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	-	336,200.00	0.0%	335,279.75	335,300.00
		-	572,944.00	0.0%	572,687.54	572,794.00
06-492-000-010	Transfer to Sewer Fund	-	-	#DIV/0!	-	-
06-492-000-020	Transfer to Water Resource Protection Fund	-	-	#DIV/0!	-	-
06-492-000-030	Transfer to UUT Capital Fund	-	-	#DIV/0!	-	-
		-	-	#DIV/0!	-	-
TOTAL EXPENDITURES		\$ 114,560.32	\$ 4,872,700.00	2.4%	\$ 2,216,427.12	\$ 3,648,663.00
OPERATING INCOME		\$ 188,226.05	\$ 2,664,550.00	7.1%	\$ 210,556.25	\$ 348,438.00

Clean Water, Inc.

170 Dallas St.
Box 475
Atglen, Pa. 19310

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

February 18, 2021

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

RE: Report for the February meeting

Dear Authority,

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

Route 100

Recent weather has limited spray. The screen mentioned last month was not worth fixing for the Lakeside at the Route 100 plant. (Lakeside is the roto screen that removes debris. The screen that needs replaced is a stainless-steel screen that is part of that.) A new one has been ordered. They will bill you directly. I increased run times on the storage tank blowers to keep any freezing from happening. The long-awaited parts for the influent no 2 pump have arrived. Mulls Electric should have that rebuilt shortly. Sludge was removed.

Eaglepointe

Plant is running well. There was a chemical delivery from Univar for Delpac. This chemical is needed to reduce phosphorous.

Marsh Harbour

Plant is running fine. Spray has been limited here as a result of bad weather. Jay Jackson and I met out at monitoring well 6 to discuss options for raising the casement. This well has always been shallow to grade. We had a fecal increase here this past year so we want to limit the chance of surface water intrusion.

Lakeridge

Plant is running fine. There were no operational issues to report this past month. Sludge was removed.

Clean Water, Inc. Wastewater Treatment Specialists

Saybrooke

Facility is running fine. I had Predoc out to locate flush and mark clean outs for the dosing beds. It seems they are slowing. Could be related to weather, age, etc.

Greenridge

Drip continues. There were no issues to report. Lagoon level is fine.

St. Andrews

Plant is running fine.

Additional info

We have given the Chapter 94 reports to ARRO for review and signatures. Wanted to mention that public works has done a terrific job keeping driveways plowed, thanks.

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

Respectfully,

Brian Norris



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

MEMORANDUM

TO: Upper Uwchlan Township Municipal Authority

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

RE: Project Status Report

PROJECT NO.: 17000.00

DATE: February 17, 2021

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

Byers Station

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

Installation of the gravity house service line to each new townhouse is coming to an end with only four more house service lines remaining to be installed.

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

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

ARRO documenting the repurchase of 6,560 gpd Toll originally sold to Byers Retail Acquisition Limited Partnership for the previously proposed commercial improvements of the parcel. Toll will purchase the remaining 3,615 gpd it needs at \$70 per gallon for treatment and disposal. The total amount due from Toll to Upper Uwchlan Township Municipal Authority being \$253,050 as a single, upfront payment to the Authority. According to the Township Finance Department, Toll Brothers has paid the Township the \$253,050.00 for the 55 townhomes (Lot 2A, Residential) treatment and disposal costs. Installation of sanitary sewer is tentatively scheduled to start on January 25, 2021.

Sanitary sewer construction started on January 26, 2021.

Byers Station (6C), Vantage Point–Chester Springs: The Developer's engineer submitted a request for 43 EDUs (9,500 gpd) of sanitary sewer capacity at the Route 100 WWTP facility. The Authority Administrator sent a February 20, 2018 letter to D. L. Howell stating there is sufficient capacity at the Route 100 WWTP facility for the proposed 9500 gpd from the project. ARRO reviewed the project's Sewage Facilities Planning Module (SFPM). The module shows a request for 45 EDUs (10,000 gpd) of sanitary sewer capacity. SFPM Component 3 Section G and J were signed. The Pennsylvania Historical and Museum Commission clearance letter and Aqua water service letter have been received for the Sewage Facilities Planning Module (SFPM). On April 18, 2018, the Township forwarded SFPM Components 4B and 4C to the Chester County Planning Commission and Health Department. ARRO reviewed Land Development Plans, plotted April 6, 2018, and submitted an April 30, 2018 letter to the Township containing comments to the Plans. The SFPM is complete and a resolution to accept the document was placed on the Board of Supervisors' August 20, 2018 agenda. The SFPM application package was submitted to PADEP. ARRO prepared a September 6, 2018 sanitary sewer review letter to the latest Land Development Plans submitted by D.L. Howell, last revised August 13, 2018. ARRO received on December 5, 2018 the latest Land Development Plans, last revised November 30. ARRO will submit a sanitary sewer review letter the week of December 10. ARRO prepared and sent to the Township a December 14, 2018 sanitary sewer review letter to the December 5, 2018 Land Development Plans. ARRO received and reviewed the sanitary sewer portion of land development plans Revision No. 3, dated June 21, 2019. The plans show a dedicated sanitary sewer manhole in Byers Road to be installed when the Byers Road sewer extension project is constructed. ARRO prepared and sent a July 5, 2019 review comments letter to the Township. PADEP issued a July 23, 2019 with three (3) items missing from the submitted SFPM. The Authority sent PADEP an August 23, 2019 letter in response to PADEP's July 23, 2019 letter containing three comments to the project's SFPM. The UUT Board of Supervisors at its September 16, 2019 meeting executed the amended Tentative Approval Decision to permit Parcel 6C to be developed as a senior living facility. PADEP issued a November 7, 2019 letter approving the Official Plan revision for the construction of the 101-unit retirement living apartment unit at 10,100 gpd sewage volume. ARRO reviewed the latest revision to the Vantage Point Retirement Living land development plans, dated December 6, 2019. ARRO issued a January 6, 2020 review comments letter to the Township. ARRO is reviewing the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020. ARRO prepared a March 6, 2020 review comments letter regarding the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020.

Nothing new to report.

Eagle Hunt

Nothing new to report.

Eaglepointe

Wastewater Treatment Plant: ARRO is working on a plan to convert the Eaglepointe WWTP into a pretreatment facility before sending the effluent on to the Route 100 Regional WWTP for final

treatment. It is proposed to design and construct an effluent pump station for a 2-inch force main. ARRO has laid out a preliminary force main route from the Eaglepointe WWTP to the proposed Byers Road sanitary sewer extension across Route 100.

Nothing new to report.

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

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

Dilibero - Go-Wireless, Eagle Car Wash and Enterprise Rent-A-Car Sanitary Sewer Connection: ARRO is conducting an evaluation of the wastewater treatment capacity and feasibility for connecting these three businesses to the Eaglepointe WWTP sanitary sewer system. ARRO completed the evaluation, including a piping layout and cost estimate, and it is now under internal review. On April 20, 2018 ARRO transmitted its sanitary sewer evaluation to Dilibero. ARRO has been responding to sanitary sewer related questions from Dilibero's sewer contractor. On March 7, 2019 ARRO transmitted the Authority's Eaglepointe sanitary sewer and easement drawings to Dilibero's engineer for use in preparing their sanitary sewer extension plans. Eagle Service Center is unwilling to consent to a sanitary sewer easement across its property. ARRO has prepared an alternative to an entirely gravity sewer design with a preliminary low-pressure force main design that crosses through the CarSense property in order to avoid the Eagle Service Center property. ARRO has communicated with the property owner's counsel and is preparing alternative sanitary sewer connection sketch designs for consideration. ARRO prepared an alternative sanitary sewer connection sketch design and on October 2, 2020 transmitted the sketch to the property owner and its counsel for consideration.

Nothing new to report.

Ewing Tract

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 an Ewing Tract – West Vincent gravity sewer pipe defect is scheduled to be completed on Wednesday, July 29, 2020. The Ewing Tract – West Vincent gravity sewer pipe defect was repaired on July 29, 2020.

Nothing new to report.

Fetter Farm Tract (Preserve at Marsh Creek)

ARRO received a request from a developer engineer for information on available treatment capacity to serve the Tract and met with the Township Manager and developer engineer on September 18, 2012, to discuss treatment capacity and conveyance to the Route 100 WWTP. On August 5, 2014 a meeting with held at the Township Building with The McKee Group to discuss the active adult community proposed by the Developer for the property. A subsequent meeting was held at the Township Building on August 14, 2014 with the Township, Developer and Authority Administrator to discuss sewage flows and disposal. ARRO reviewed a Conditional Use Plan for Fetter's Property prepared for McKee-Milford Associates, LP, dated October 12, 2016. ARRO prepared a review letter to the Township, dated November 8, 2016. The Developer is proposing 375 Housing Units, which will produce 62,675 gallons per day of sanitary sewer flow. The Developer is proposing participation in upgrades to the Route 100 Regional WWTP facility that will trigger the Phase 3 expansion of the WWTP. A review of the capacity within the downstream collection and conveyance system is required to determine the extent of improvements necessary to accept the proposed sewage flow. Preliminary Subdivision/Land Development Plans were submitted to ARRO and are currently under review. The Plans call for 375 mixed Single Family, Twin and Triple units and a Community Center to be built in the subdivision. The subdivision will connect to the Reserve at Eagle by way of Prescott Drive and to the Reserve at Chester Springs by way of Radek Court. The sanitary sewer disposal requirements are calculated to be 62,675 gpd. On-site drip disposal capacity is calculated to be 42,643 gpd, and the off-site sewage disposal requirement is 20,032 gpd. The combination gravity and low-pressure sanitary sewer systems will be directed to the Reserve at Eagle Pump Station No. 1 off Prescott Drive. Preliminary Subdivision/Land Development Plans were submitted and reviewed by ARRO. ARRO comments were submitted in an April 10, 2017 letter to the Township. ARRO is in the process of reviewing the June 15, 2017

resubmission of the Preliminary Subdivision/Land Development Application. ARRO reviewed the June 15, 2017 resubmission of the Preliminary Subdivision/Land Development Plan and submitted comments to the plan in a July 10, 2017 letter to the Township. ARRO also reviewed the subdivision's low-pressure sewer system design calculations and submitted comments to the design in a July 12, 2017 letter to the Township. ARRO reviewed an August 1, 2017 revision to the low-pressure sewer system design calculations and drawings and submitted an August 16, 2017 letter to the Township with comments to the revision materials. ARRO has started an evaluation of the Reserve at Eagle Pump Station No. 1 to ascertain its capability to accept the Fetter Tract design sanitary sewer disposal requirements. ARRO received revised Preliminary Subdivision/Land Development Plans on September 14, 2017. ARRO reviewed the Plans and sent an October 3, 2017 review comments letter to the Township. ARRO continues an evaluation of the Reserve at Eagle Pump Station No. 1 to ascertain its capability to accept the Fetter Tract design sanitary sewer disposal requirements. The evaluation is substantially complete with the exception of emergency generator assessment. ARRO continues an evaluation of Upland Farms drip disposal to ascertain the facility's capability to store and dispose the Fetter Tract effluent. ARRO reviewed the Sewage Facilities Planning Module (SFPM) and is working on the sanitary sewer review. The Authority Administrator signed the SFPM Component 3 Sections G and J. The Board of Supervisors approved the SFPM resolution at the April 16, 2018 meeting. The developer's engineer stated in an April 17 email to the Authority Administrator that the SFMP is close to being submitted to PADEP for review. The Sewage Facilities Planning Module was sent to PADEP on April 18, 2018. Ebert Engineering requested Authority assistance in preparation of a response to comments received from PADEP on the Sewage Facilities Planning Module. ARRO is working on a response. ARRO assisted Ebert Engineering in preparation of letter responses to comments received from PADEP to the Sewage Facilities Planning Module. ARRO transmitted its responses to Ebert Engineering on November 1, 2018. ARRO in association with Ebert Engineering prepared a December 13, 2018 letter to PADEP in response to PADEP Sewage Facilities Planning Module comments. ARRO reviewed the Water Quality Management Part II Permit application, dated July 23, 2019 as submitted by Ebert Engineering on July 26, 2019, along with the supporting design reports for the low-pressure sewer system and the upgrades to the Reserve at Eagle Pump Station No.1. ARRO sent comments to Ebert Engineering by email dated August 13, 2019. Ebert subsequently revised its documents based on ARRO comments and resubmitted the documents. ARRO is currently reviewing the revised documents. ARRO reviewed the latest revised Water Quality Management Part II Permit application package received August 21, 2019 from Ebert Engineering. ARRO has no further comments to Ebert's permit application, only ARRO comments remain to be addressed on E. B. Walsh's land development drawings regarding the lining of low-pressure force main discharge manholes. Ebert Engineering sent to PADEP the WQM Part II Permit Application package by transmittal letter dated October 3, 2019. On October 15, 2019 ARRO received from E. B. Walsh the latest Subdivision and Land Development Plan drawings entitled "The Preserve at Marsh Creek" along with a response letter to previous plan review comments. ARRO will review and comment on the sanitary sewer portion of the latest drawings. ARRO reviewed and on November 1, 2019 issued comments to the Phases 1 and 1A sanitary sewer escrow calculations as submitted by the McKee Group. McKee Group issued revised escrow calculations on November 15, 2019 in response to ARRO comments. The Preserve at Marsh Creek preconstruction meeting was held on December 4, 2019. Site survey and erosion control measures work will be starting within two weeks. ARRO has requested a schedule of sanitary sewer installation work from the site contractor. PADEP issued the WQM permit, dated November 25, 2019, for the low-pressure sanitary sewer with individual grinder pumps and for the upgrade to the Reserve at Eagle Pump Station No. 1 required as part of the project. McKee Group held a February 5, 2020 meeting with its engineers and contractor. Discussions included forthcoming designs for the piping between the Preserve drip fields and Upland Farms pump station, revisions to gravity sanitary sewer around Reserve at Eagle PS #1, and the Route 100 Regional WWTP Phase III expansion. McKee expects submission of the Phase III expansion design around May 2020, not March 2020 as stipulated in the Agreement for Expansion of the Route 100 Central WWTP. ARRO had a February 12, 2020 meeting with Keystone Engineering at the Reserve at Eagle PS #1 to discuss electrical revisions to the station in support of the upgrade necessary to carry McKee flows. ARRO continues reviewing the project's

sanitary sewer materials shop drawings. Site contractor construction schedule shows start of sanitary sewer installation as the last week of February 2020. Site contractor started sanitary sewer installation on March 4, 2020. Site contractor suspended sanitary sewer installation work due to coronavirus restrictions. On May 1, 2020 Ebert Engineering submitted initial plans for the Reserve at Eagle Pump Station Upgrade. ARRO transmitted a May 12, 2020 email to Ebert Engineering with review comments to Reserve at Eagle Pump Station Upgrade plans. ARRO received an email from Ebert Engineering that the initial submission of the Upland Farms drip pump station upgrade and Fetter's site drip field design would be submitted during the week of May 25. On June 12, 2020 ARRO received from Ebert Engineering the initial submission of the Fetter's Tract Drip Disposal System Part II WQM Permit Application, Design Engineer's Report and Drip Disposal System design drawings issued for WQM review. ARRO is in the process of reviewing the documents. ARRO reviewed E. B. Walsh Utility Coordination drawings and Ebert Engineering revised low pressure sewer system drawings and issued June 17, 2020 comments to each drawing set. On June 25, 2020 Ebert Engineering submitted to ARRO for review and comments a revised Fetter Drip Disposal System design that removed the Drip Filter Building, along with a revised WQM Part 2 Permit Application and Design Engineers Report. ARRO transmitted comments on the documents to Ebert Engineering by email dated July 2, 2020. On July 15, 2020 E. B. Walsh submitted a revised Utility Coordination plan set to address previous ARRO comments. The plan set was primarily developed to coordinate information contained on various plans prepared by Ebert Engineering and the E. B. Walsh offices. ARRO is in the process of reviewing the revised plan set. On July 21, 2020 Ebert Engineering submitted revised plans for the Reserve at Eagle Pump Station Upgrade. ARRO is in the process of reviewing the revised plans. Gravity sanitary sewer installation continues, while low pressure sewer system shop drawings were submitted and reviewed in early August 2020. On July 24, 2020 Ebert Engineering submitted to ARRO for review and comments a revised Fetter Drip Disposal System design along with a revised WQM Part 2 Permit Application and Design Engineers Report. ARRO is in the process of reviewing the revised documents. On July 21, 2020 Ebert Engineering submitted revised plans for the Reserve at Eagle Pump Station Upgrade. ARRO reviewed the revised plans. ARRO transmitted an August 19, 2020 email to Ebert Engineering stating it had no further comments to the plans. ARRO transmitted a September 4, 2020 email to Ebert Engineering with review comments to the revised Fetter Drip Disposal System design along with the revised WQM Part 2 Permit Application and Design Engineers Report. ARRO submitted September 2, 2020 comments to the Ebert Engineering drawings of the rerouted Reserve at Eagle PS #1 force main around existing Manhole #500 necessary to facilitate the installation of new gravity sewer between the manhole and the pump station wetwell. The drawings were subsequently revised and approved by ARRO. Sanitary sewer and force main work at the Reserve at Eagle PS #1 was completed and tested. All sanitary sewer was completed and tested between the Reserve at Eagle PS #1 and the Toll/McKee model homes. House service lines at the four McKee model homes and the two Toll Brothers model homes were completed and tested. ARRO reviewed the revised Fetter's Drip Disposal WQM application, design engineer's report and drawings submitted by Ebert Engineering on November 8, 2020 and has no further comments to the documents. On January 8, 2021 the Authority Administrator signed the Fetter's Tract Drip Disposal WQM permit application on behalf of the Authority. Ebert Engineering will electronically submit the permit application documents to PADEP the week of January 18, 2021.

Ebert Engineering submitted the WQM permit application documents to PADEP by transmittal letter dated January 25, 2021.

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

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

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 Health Department. ARRO conducted a site visit to a property which utilizes an Ecoflow unit similar to that proposed for on-site wastewater pre-treatment at the Open Community project. Chester County Planning Commission and Health Department returned the Open Community Components 4A, 4B and 4C. Component 3 Sections G and J were completed. The Township authorized sending the 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. On August 19, 2020 ARRO requested the developer submit an updated project construction schedule. On September 16, 2020 ARRO again requested the developer submit an updated project construction schedule. On September 16, 2020 ARRO again requested the developer submit an updated project construction schedule.

On September 17, 2020 ARRO received an email from the developer's counsel in reply to the ARRO request for a construction schedule. Counsel wrote it would discuss the matter with the developer and one would return a response, which has yet to be received as of February 17, 2021.

Meadow Creek Sewer Extension to Greenridge WWTP: At the request of the Authority Administrator ARRO prepared March 16, 2020 sketch plans and opinions of probable construction costs to extend Meadow Creek sanitary sewer to the Greenridge WWTP. ARRO is studying the retirement of the Meadow Creek WWTP by starting a study to determine what upgrades are needed at Greenridge WWTP in order to accept flow from Meadow Creek. ARRO also initiated a preliminary design for a pump station and force main system to convey Meadow Creek flow to Greenridge WWTP. ARRO continues the plans for decommissioning the Meadow Creek WWTP, continues preliminary pump station and force main design to convey sewage to the Greenridge WWTP, and continues the study of the Greenridge WWTP to determine what upgrades are needed to accept Meadow Creek flow.

ARRO continues the plans for decommissioning the Meadow Creek WWTP, continues preliminary pump station and force main design to convey sewage to the Greenridge WWTP, and continues the study of the Greenridge WWTP to determine what upgrades are needed to accept Meadow Creek flow.

Jankowski (Chester Springs Crossing)

ARRO issued a May 5, 2017 review letter to the Township with comments to the September 13, 2016 Conditional Use Plan for the Jankowski Tract. On February 2, 2018, the Developer's engineer submitted for review subdivision plans of a 55 Single Family Housing unit community. ARRO is working on a review of the sanitary sewer portion of the subdivision plans. ARRO completed its review of the Preliminary/Final Subdivision-Land Development Plan submitted by E. B. Walsh and prepared a February 26, 2018 letter to the Township with comments to the Plans. ARRO responded to Toll Brothers regarding the Windsor Ridge Pump Station capacity to receive Jankowski estimated sanitary flow. ARRO reviewed the Preliminary/Final Subdivision-Land Development Plan, last revised May 18, 2018, and prepared June 11, 2018 comments to the Township. Sewage Facilities Planning Module Components 4A, 4B and 4C were received. Presently the project is in the 30-day Public Notice periods, which upon completion the Township can submit the components to PADEP. The Authority Administrator sent an August 14, 2018 letter to Chester County Health Department (CCHD) regarding CCHD's Component 4C comment about malfunctions along Surrey Lane, Font Road and Carriage Drive. The Administrator stated the Authority will be evaluating future extensions in these areas. Subsequently, ARRO conducted a small conceptual planning study to sewer these areas. ARRO presented three sewer extension options and cost opinions to the Authority Administrator for review and comment. The first gravity and low-pressure sewer concept sends all flow through the Jankowski tract, the second all-gravity sewer concept sends some flow through Jankowski and the remainder to Reserve at Eagle, while the third all gravity sewer concept sends all flow to the Reserve at Eagle. ARRO is reviewing the latest Preliminary/Final Subdivision Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. SFPM Components 4A, 4B and 4C were received, but the bog turtle clearance letter from PA Fish & Wildlife is still outstanding. The UUT Board of Supervisors authorized the resolution needed for the Sewage Facilities Planning Module at their October 15, 2018 meeting but are holding it until the clearance letter is issued. ARRO prepared an August 30, 2018 sanitary sewer review letter to the latest Preliminary/Final Subdivision-Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. On February 4, 2019, ARRO received the preliminary sanitary sewer escrow calculations from Toll Brothers. ARRO reviewed the calculations and returned comments to Toll. Revised calculations were received and after review were accepted by ARRO. ARRO prepared and sent a letter to the Township recommending acceptance of the sanitary escrow in the amount of \$425,955.60. On February 27, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by letter dated March 11, 2019. On March 18, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by email dated April 1, 2019. On April 2, 2019 ARRO received from Toll Brothers a revised sanitary sewer escrow calculation based on the latest E. B. Walsh drawings. ARRO

prepared an April 2 letter to the Township recommending accepting the revised escrow amount. ARRO received a May 22, 2019 email from Toll Brothers stating Jankowski construction might start in July 2019. A pre-construction meeting for the project has been scheduled for July 24, 2019. ARRO attended the July 24, 2019 pre-construction meeting and the August 21, 2019 PennDOT HOP site meeting. Sanitary sewer installation for the project is set to begin on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Sanitary sewer installation for the project began on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Garrison Drive sanitary sewer installation is almost complete and the contractor intends to continue its work in the Jankowski site. The boring for the sanitary sewer casing under Route 100 linking Jankowski and Windsor Ridge will take place sometime in October 2019. The sanitary sewer casing boring under Route 100 linking Jankowski and Windsor Ridge is scheduled for the week of October 28, 2019. The boring and casing work under Route 100 was completed the week of November 18, 2019. In order to correct a sewer misalignment through the casing Toll Brothers agreed to install two new manholes, one upstream and one downstream of the casing, and also relocate a recently installed manhole to achieve minimum sewer slope required by PADEP. Sanitary sewer installation continues within the site. Over the weeks of January 6 through January 13, 2020 two new manholes, one upstream and one downstream of the casing, were installed and one existing manhole in Garrison Drive was relocated to achieve minimum sewer slope required by PADEP. Sanitary sewer installation still continues within the site. Testing of sanitary sewer through Milford Road Extension, across Route 100 and in Windsor Ridge's Garrison Drive started the last week of January 2020 and continued into early February; all testing was positive. Installation of the gravity house service line to each new home has resumed the week of May 18, 2020. Testing of the onsite

sanitary sewer continued the week of June 15, 2020. Testing of all onsite sanitary sewer was completed. Sanitary sewer televising was completed and submitted to ARRO for review and comment. ARRO reviewed the sanitary sewer televising submitted by the contractor and is preparing comments.

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

Lakeridge

ARRO is preparing an evaluation of the wastewater plant and sanitary sewer to assess the feasibility of connecting six (6) homes along Moore Road to the sanitary sewer system. ARRO completed its evaluation of the wastewater plant and sanitary sewer. The wastewater plant has sufficient capacity, but an extension to the existing Moore Road sanitary sewer will need to be constructed. Ivystone subdivision sanitary sewer cleaning and televising will be done on Monday, January 25, 2021 to check the condition of the sewers.

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

Marsh Harbour

ARRO prepared the annual groundwater monitoring report and submitted the report to PADEP on January 28, 2021.

ARRO is pursuing getting repairs done to the monitoring well No. 6 casing pipes at the request of Clean Water.

Reserve at Eagle

Nothing new to report.

Route 100 WWTP

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

ARRO submitted the Act 537 Planning Grant Application to the Pennsylvania Department of Community and Economic Development on May 23, 2019. ARRO received correspondence from the Pennsylvania Department of Community and Economic Development that they will consider the UUT Act 537 Planning Grant Application at their September 17, 2019 Commonwealth Financing Authority (CFA) Board meeting. The CFA posted its September 17, 2019 meeting grant award list and Upper Uwchlan Township was awarded the \$32,610 grant as requested on the Act 537 Planning Grant application. The UUTMA Act 537 Planning Project is awaiting the grant award documentation and agreement from CFA, which needs to be processed and signed before ARRO can move ahead with the planning. The UUTMA Act 537 Planning Project grant award documentation and agreement from CFA was signed. ARRO has started some basic planning work by reviewing past 537 Planning documents and township demographics. ARRO submitted the 2020 Route 100 Regional WWTP groundwater monitoring report to PADEP on June 19, 2020. The Authority Administrator and ARRO met on January 20, 2021 to discuss various alternatives in connection with ARRO's Act 537 planning work. The Authority Administrator and ARRO met on January 20, 2021 to discuss various alternatives in connection with ARRO's Act 537 planning work.

As a follow-up to the January 20, 2021 meeting, ARRO is completing planning level studies of the various discussed alternatives, which will then be incorporated into the final planning document.

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

Nothing new to report.

Route 100 WWTP – Phase III

ARRO is reviewing the Route 100 Regional WWTP pad-mounted transformer's capacity in planning for the Phase III of the WWTP expansion. On February 12, 2018, ARRO met with a PECO representative at the WWTP to inspect the capacity of the WWTP's existing transformer and review the Phase III project. After ARRO reviewed the transformer data provided by PECO along with additional anticipated Phase III loadings ARRO concluded that the existing transformer will need to be upgraded. On May 3, 2018 ARRO completed a preliminary cost opinion for the Phase III construction. ARRO responded to February 28, 2020 questions from Ebert Engineering regarding the design of the Phase III precast tanks and the SBR treatment system. ARRO reviewed the initial Aqua-Aerobics Phase III Process Design Report and submitted April 3, 2020 comments to Ebert Engineering on the report. Subsequently Ebert Engineering submitted an updated Process Design Report to ARRO, which ARRO is in the process of reviewing. ARRO received a June 9 email from Ebert Engineering that the initial submission of Route 100 Regional WWTP Phase III design documents would be submitted the week of June 22. ARRO received a July 17, 2020 email from Ebert Engineering that Dutchland is proposing to use the common wall design for the two new SBR basins. On July 24, 2020 ARRO received from Ebert Engineering a WQM Part 2 permit application and upgrade design drawings for the Route 100 Regional WWTP Phase III project. ARRO is in the process of reviewing the documents. On August 20, 2020 ARRO transmitted to Ebert Engineering comments to the Route 100 Regional WWTP Phase III WQM Part 2 permit application and upgrade design drawings. ARRO completed review of Ebert Engineering's revised Route 100 Regional WWTP Phase III WQM Part 2 permit application with revised upgrade design drawings transmitted November 4, 2020. On December 16, 2020 ARRO transmitted comments on the documents to Ebert Engineering. ARRO completed a review of Ebert Engineering's further revised Route 100 Regional WWTP Phase III WQM permit application design documents and had no further comments to the application. On January 8, 2021 the Authority Administrator signed the permit application on behalf of the Authority. Ebert Engineering will electronically submit the permit application documents to PADEP the week of January 18, 2021.

Ebert Engineering submitted the WQM permit application documents to PADEP by transmittal letter dated January 25, 2021.

Keystone Engineering has started the Route 100 Regional WWTP Phase III electrical design. ARRO met a Keystone electrical engineer at the WWTP to review the existing electrical equipment.

Saybrooke

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

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

Nothing new to report.

St. Andrews Brae

Nothing new to report.

Upland Farms

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

ARRO is working with the Township's project manager (Boyle Construction) for the sanitary sewer portion of the project.

Nothing new to report.

Waynebrook

Nothing new to report.

Windsor Ridge

Nothing new to report.

Miscellaneous

270 – 290 Park Road (The Townes at Chester Springs) – PADEP issued a May 10, 2017 letter approving the proposed 40 townhouses development that will generate 7,400 gallons of sewage per day to be treated at the Route 100 Regional WWTP. ARRO is reviewing the June 20, 2017 resubmission of Land Development Plans for the project. Toll Brothers will be purchasing the approved plans and will develop and build the project. ARRO reviewed and commented on the draft sanitary sewer escrow spreadsheet submitted by Toll Brothers on June 14, 2017. ARRO reviewed the June 20, 2017 resubmission of Land Development Plans for the project and sent a June 23, 2017 letter to the Township with comments. The project preconstruction meeting was held on July 27, 2017. ARRO reviewed the contractor's sanitary sewer shop drawings. Sanitary sewer installation is tentatively scheduled to start the first week of October 2017. Sanitary sewer installation started on October 9, 2017. Sanitary sewer installation was completed on November 7, 2017. All sanitary sewer testing was completed on December 18, 2017. On February 14, 2018, Toll Brothers informed ARRO that the house service line installations would begin in the later part of February 2018. House service line installations began on February 28, 2018. The last four house service lines were installed and tested during the week of October 1, 2019. Sanitary sewer installation work is complete, but dedication of sanitary sewer remains. At the request of Toll Brothers as part of dedication, on July 22, 2020 ARRO observed the condition of the site sanitary manholes and will prepare a punchlist of work that needs to be completed before acceptance of the sanitary sewer system. ARRO prepared and submitted to Toll Brothers an August 12, 2020 email with a punchlist of work that needs to be completed before acceptance of the sanitary sewer system. Toll Brothers' contractor completed the punchlist of work that needed to be completed before acceptance of the sanitary sewer system. On August 26, 2020 ARRO observed the repairs done to the sanitary sewer system. ARRO is in the process of reviewing the final sanitary sewer televising. On November 8, 2020, Toll Brothers submitted the sanitary sewer record drawings. ARRO reviewed the drawings and transmitted comments back to Toll on November 12, 2020. Toll Brothers submitted the Maintenance Security Agreement, Grant of Sanitary Sewer Easement and Dedication of Sanitary Sewer Pipeline Facilities, and Assignment of Easement for Sanitary Sewer Pipeline for review and comment. ARRO reviewed the documents and transmitted comments to the Authority counsel. ARRO prepared a January 11, 2021 letter to the Township stating all sanitary sewer construction work is complete and record drawings were submitted and approved; therefore, it is acceptable to approve Toll Brothers' Escrow Release No. 2 (FINAL) amount of \$30,860.60.

Nothing new to report.

Active Adult Community, 100 Greenridge Road – On January 7, 2021 the Authority Administrator and ARRO met with a developer to discuss the sanitary aspects for a potential 78 ea. lot active adult community situated over a 58.94-acre total site area at 100 Greenridge Road. A sketch of the proposed site and a ChescoViews satellite image of the site is attached to the January 20, 2021 Project Status Report.

Nothing new to report.

Village of Eagle

Byers Road Sanitary Sewer Extension - ARRO preliminary planning for sanitary sewer along Byers Road between Pottstown Pike and Senn Drive was submitted to the Authority Administrator for review and comment. ARRO is preparing the Sewage Facilities Planning Module Component 3M for the sanitary sewer along Byers Road between Pottstown Pike and Senn Drive. ARRO received a completed Component 4A from the Township on October 19, 2017. At the request of the Chester County Health Department, on January 9, 2018, ARRO sent another Sewage Facilities Planning Module Component 3M letter to CCHD for the sanitary sewer extension along Byers Road between Pottstown Pike and Senn Drive. In February 2018 letters were sent to the property owners who will be connected to the new Byers Road sanitary sewer informing them that the project's survey will be commencing. ARRO is continuing to prepare drawings and construction specifications for the sanitary sewer extension. The project's survey work was completed in early March 2018. ARRO has the survey information for inclusion in the plans. ARRO has the design plans and specifications in the final stage of completion. ARRO submitted the highway occupancy permit to PennDOT on April 16, 2018. There were no public comments to the sewage facilities planning module (SFPM) and the Board of Supervisors passed a resolution approving the submission of the SFPM to PADEP. ARRO submitted the Sewage Facilities Planning Module to PADEP on April 27, 2018. Comments from PADEP are expected within sixty (60) days. PennDOT has approved the highway occupancy permit plans and requires payment of \$810 for inspection observation prior to release of the permit. PADEP transmitted its comments to the Sewage Facilities Planning Module by letter dated June 21, 2018. ARRO is in the process of addressing each of the PADEP comments. The PennDOT Highway Occupancy Permit for the project has been received. ARRO submitted an August 6, 2018 letter to PADEP addressing each PADEP comment from its Sewage Facilities Planning Module review letter, dated June 21, 2018. PADEP transmitted a September 5, 2018 letter with additional comments to Sewage Facilities Planning Module. ARRO submitted a response letter addressing each concern on October 17, 2018. PADEP transmitted a November 14, 2018 letter with additional comments to the Sewage Facilities Planning Module. ARRO is reviewing the letter and will address each comment in a future letter. The Authority Administrator sent a December 20, 2018 letter to PADEP containing responses to PADEP's November 14, 2018 comments to the Sewage Facilities Planning Module. ARRO sent an email to PADEP on January 31, 2019 requesting approval of the Byers Road Sanitary Sewer Extension Sewage Facilities Planning Module. As of March 20, 2019, no response has been forthcoming from PADEP. ARRO is proceeding with preparation of finishing plans and specifications for the bidding of the project. Regarding the Byers Road Sanitary Sewer Extension SFPM and the December 20, 2018 letter sent by the Authority to PADEP, PADEP responded with an April 5, 2019 letter to the Township. PADEP said the December letter did not sufficiently address all of PADEP's concerns with sewage disposal needs identification in the project area. PADEP wants the needs identification submitted by September 3, 2019. ARRO prepared letters that were delivered to property owners in the Byers Road sewer area inviting them to the April 23, 2019 Authority meeting to be held at the Pickering Valley Elementary School. ARRO submitted documents to PennDOT to extend the Byers Road HOP to July 10, 2020 and was granted the extension by PennDOT. At the request of PADEP, on September 26, 2019 ARRO submitted to PADEP a study and \$522,000 cost opinion for potentially providing sewer service to an additional sixteen (16) lots east of the proposed Byers Road Sanitary Sewer Extension terminal manhole. PADEP responded that they will review the study information. ARRO has started preparing a sanitary sewer grant application under the Pennsylvania Department of Community & Economic Development (DCED) H2O PA grant program for the Byers Road Sanitary Sewer Extension project. By letter dated November 7, 2019 PADEP issued Byers Road Sanitary Sewer Extension SFPM approval. ARRO is continuing to prepare and will submit a sanitary sewer grant application under the DCED H2O PA grant program for the Byers Road Sanitary Sewer Extension project. The Byers Road grant application was submitted on December 12, 2019. Action on the application is not expected until May or June 2020. ARRO received a June 12, 2020 email from DCED that the grant application will not be reviewed until September 2020; however, they wanted a timeline for the project after September, which ARRO

prepared and submitted. ARRO prepared a PennDOT HOP permit extension for the project. Under Authority letterhead ARRO prepared a July 2020 communication to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. DCED awarded a \$463,000 grant for the Byers Road Sanitary Sewer Extension project. On July 28, 2020 the Township mailed letters to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. ARRO is in communication with DCED regarding proceeding to the bid phase of the project. The DCED grant agreement has been signed. ARRO contacted DCED and they have no issues with bidding the Route 100 sewer crossing as an alternate. Project bid advertising is tentatively set for December 2020 with a January 2021 bid opening. The Byers Road Sanitary Sewer Extension project was first advertised on December 14, 2020 with a second advertisement set for December 21, 2020. A pre-bid meeting is scheduled for January 5, 2021 and bids are due January 15, 2021. Six bids for the Byers Road Sanitary Sewer Extension project were submitted on January 15, 2021. The apparent low bidder is Highway Materials, Inc. with a Total Extended bid of \$637,504.30, which includes the cost of the Alternate "A" - Sewer Extension Across Route 100. ARRO is in the process of reviewing the bids. As DCED grant funding is involved approvals are subject to DCED concurrent approval.

The notice of intent to award and other contract documents have been sent to Highway Materials for execution. ARRO is awaiting return of the executed documents along with bonds and insurance.

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

ARRO is amending the HOP for the Route 100 crossing.

Milford Farms – ARRO had survey completed on Surrey Lane and Carriage Drive, and on portions of Font Road and Milford Road, as preliminary to the sanitary sewer design for residential homes along these roads. Survey indicated Milford Road gravity sewers would be untenable due to existing grades. ARRO completed a preliminary design for gravity sewer within Surrey Lane, Carriage Drive and the portion of Font Road between Surrey and Carriage. A small wastewater pump station will be needed. The pump station is proposed to be located at the intersection of Font Road and Milford Road and its force main would be connected to an existing force main located in Font Road serving three homes on the Milford Road dead-end. ARRO prepared presentation graphics of the proposed sewer for the Authority Administrator. ARRO prepared letters that were delivered to property owners in the Milford Farms sewer area inviting them to the April 23, 2019 Authority meeting to be held at the Pickering Valley Elementary School. ARRO is proceeding with the preparation of the sanitary sewer design drawings and specifications for project's submission to PADEP. ARRO is creating Milford Road and Byers Road sanitary sewer informational documents for the Township's website. ARRO is reviewing the planning module application and getting it ready for Authority and Township signatures before its submission to PADEP. ARRO submitted the planning module application to PADEP on May 10, 2020. Under Authority letterhead ARRO prepared a July 2020 communication to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. On July 28, 2020 the Township mailed letters to property owners to be connected to the proposed sanitary sewer extension notifying them of the tentative project schedule. ARRO is working on completing the design drawings and specifications for the project. On September 18, 2020 planning module approval was received from PADEP. ARRO is continuing to prepare the WQM Part 2 permit for the proposed pump station as well as the plans and specifications. ARRO intends to

soon submit the WQM Part II permit application package to PADEP. A \$500 fee to the Commonwealth of Pennsylvania is required as part of the permit application.

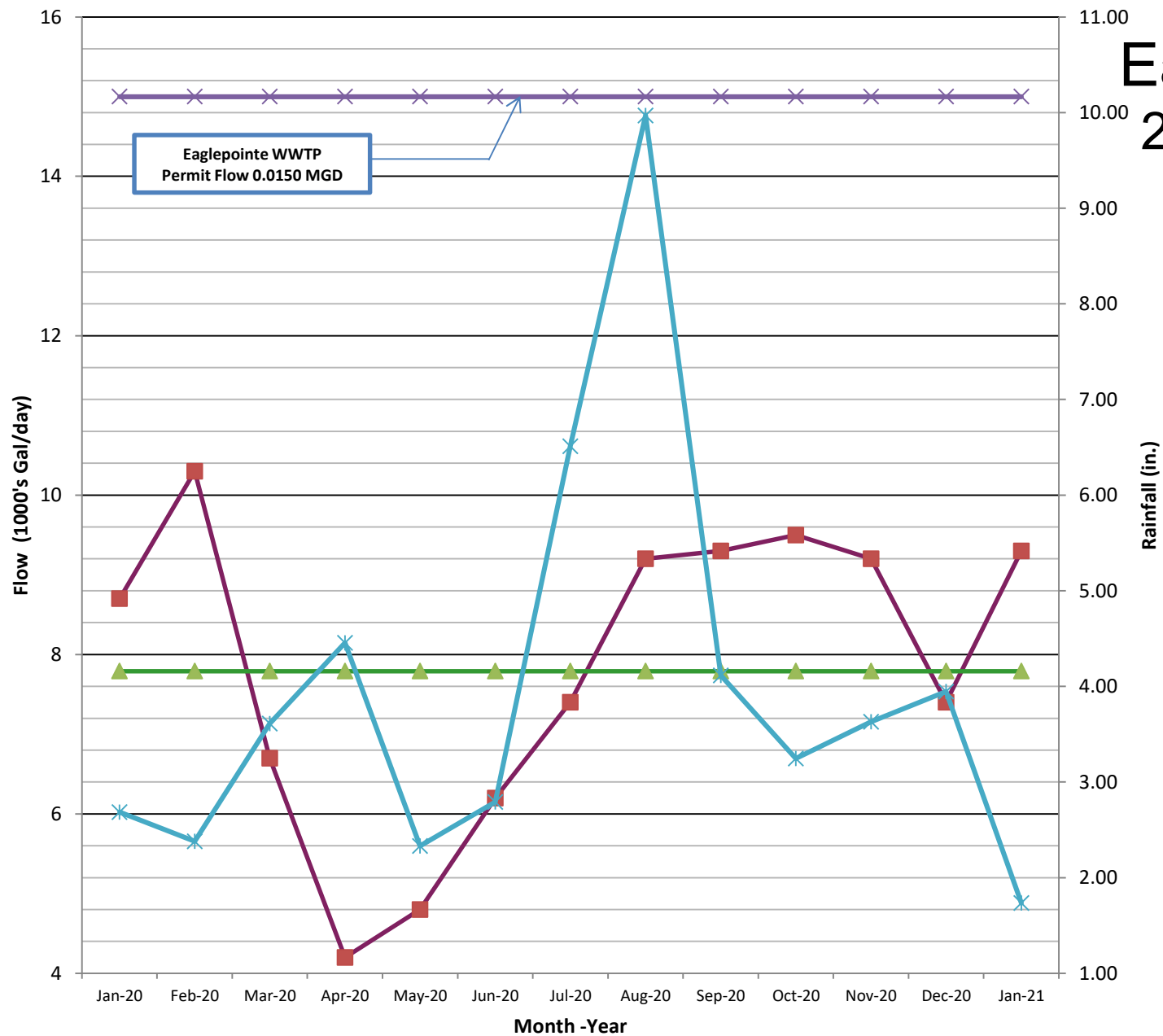
ARRO submitted the WQM Part II permit application to PADEP on February 15, 2021.

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

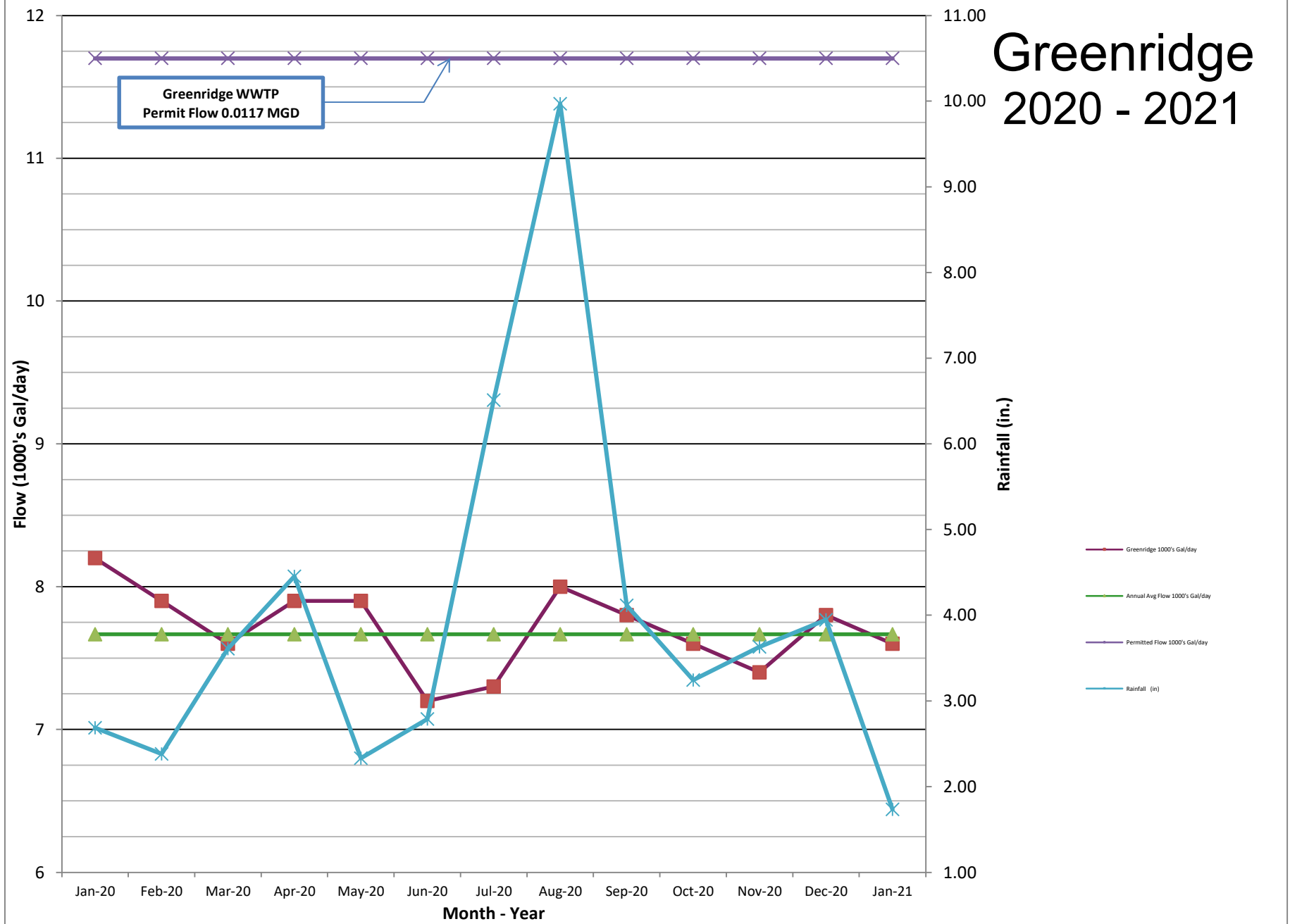
UPPER UWCHLAN MUNICIPAL AUTHORITY
WASTEWATER TREATMENT PLANTS
MONTHLY AVERAGE DAILY FLOWS

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
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
Jul-20		0.00740	0.00730	0.02520	0.04070	0.37140	0.00730	0.00120	6.51
Aug-20		0.00920	0.00800	0.02790	0.03970	0.36050	0.00830	0.00130	9.97
Sep-20		0.00930	0.00780	0.02510	0.03830	0.35520	0.00800	0.00110	4.12
Oct-20		0.00950	0.00760	0.02770	0.04120	0.37900	0.00800	0.00190	3.25
Nov-20		0.00920	0.00740	0.02780	0.04230	0.38990	0.00800	0.00260	3.63
Dec-20		0.00740	0.00780	0.02930	0.04500	0.40180	0.00750	0.00250	3.95
Jan-21		0.00930	0.00760	0.02660	0.04460	0.39120	0.00730	0.00260	1.74
Annual Avg Flow =		0.00779	0.00767	0.02723	0.04258	0.37520	0.00765	0.00208	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

Eaglepointe 2020 - 2021



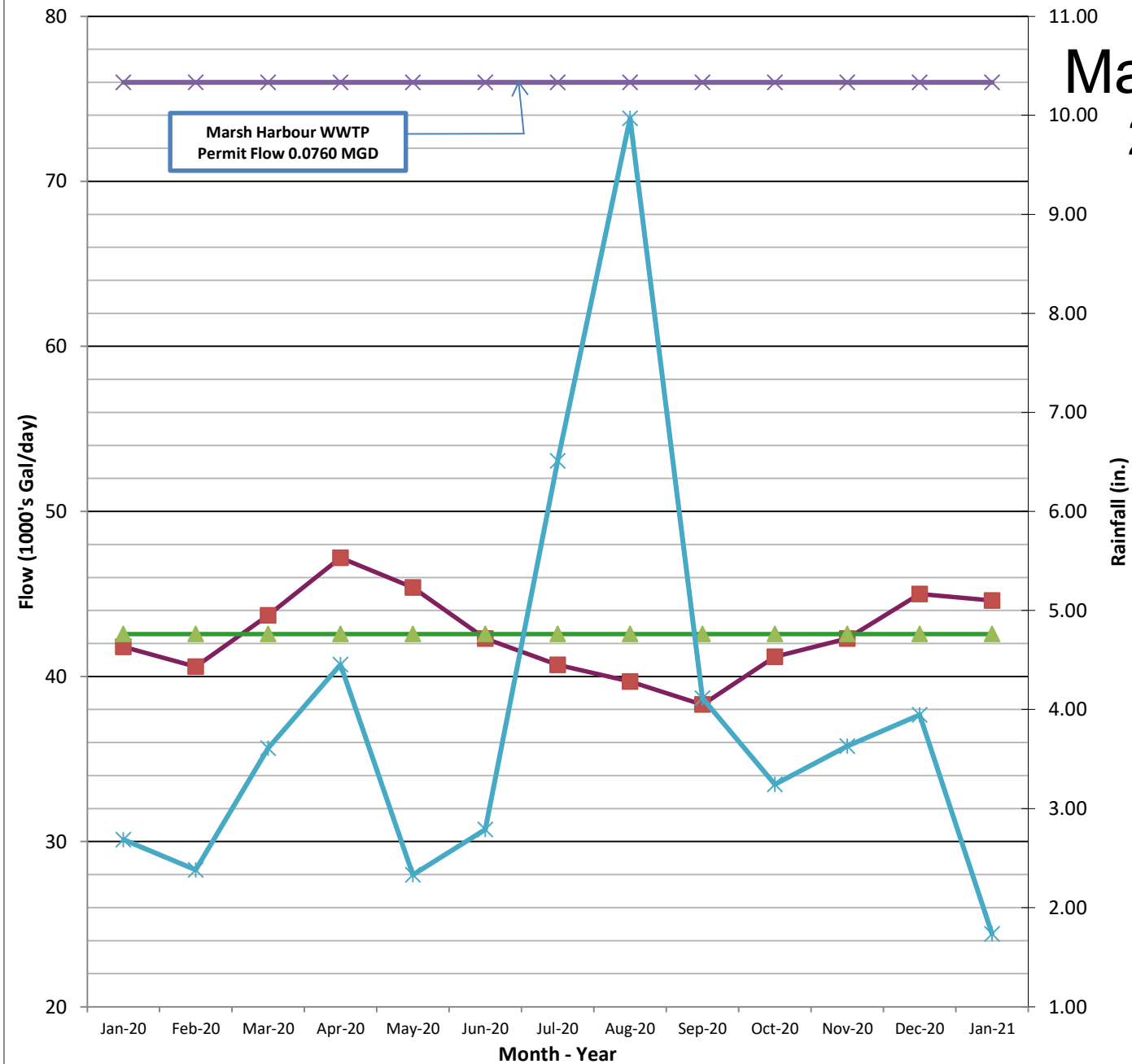
Greenridge 2020 - 2021



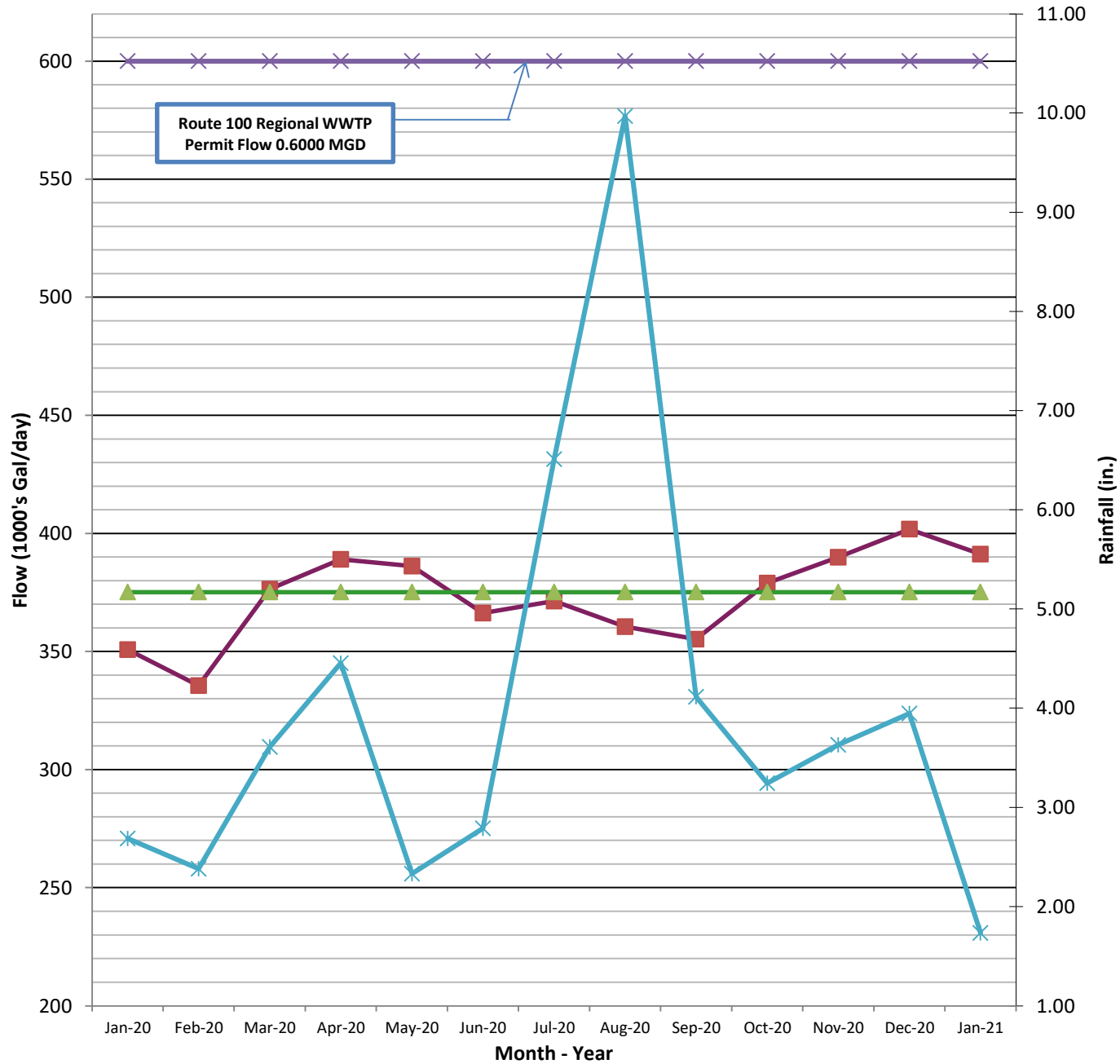
Lakeridge 2020 - 2021



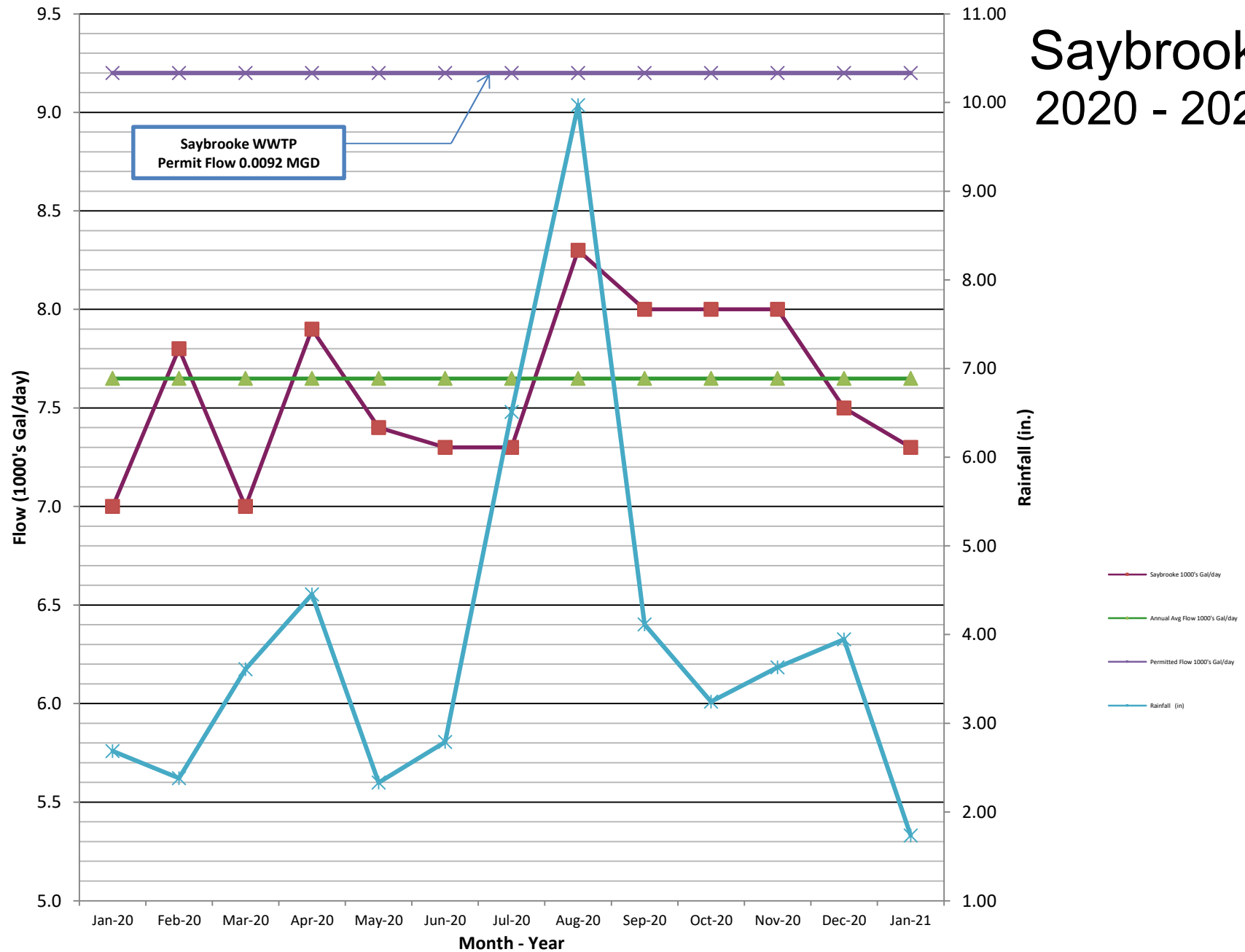
Marsh Harbour 2020 - 2021



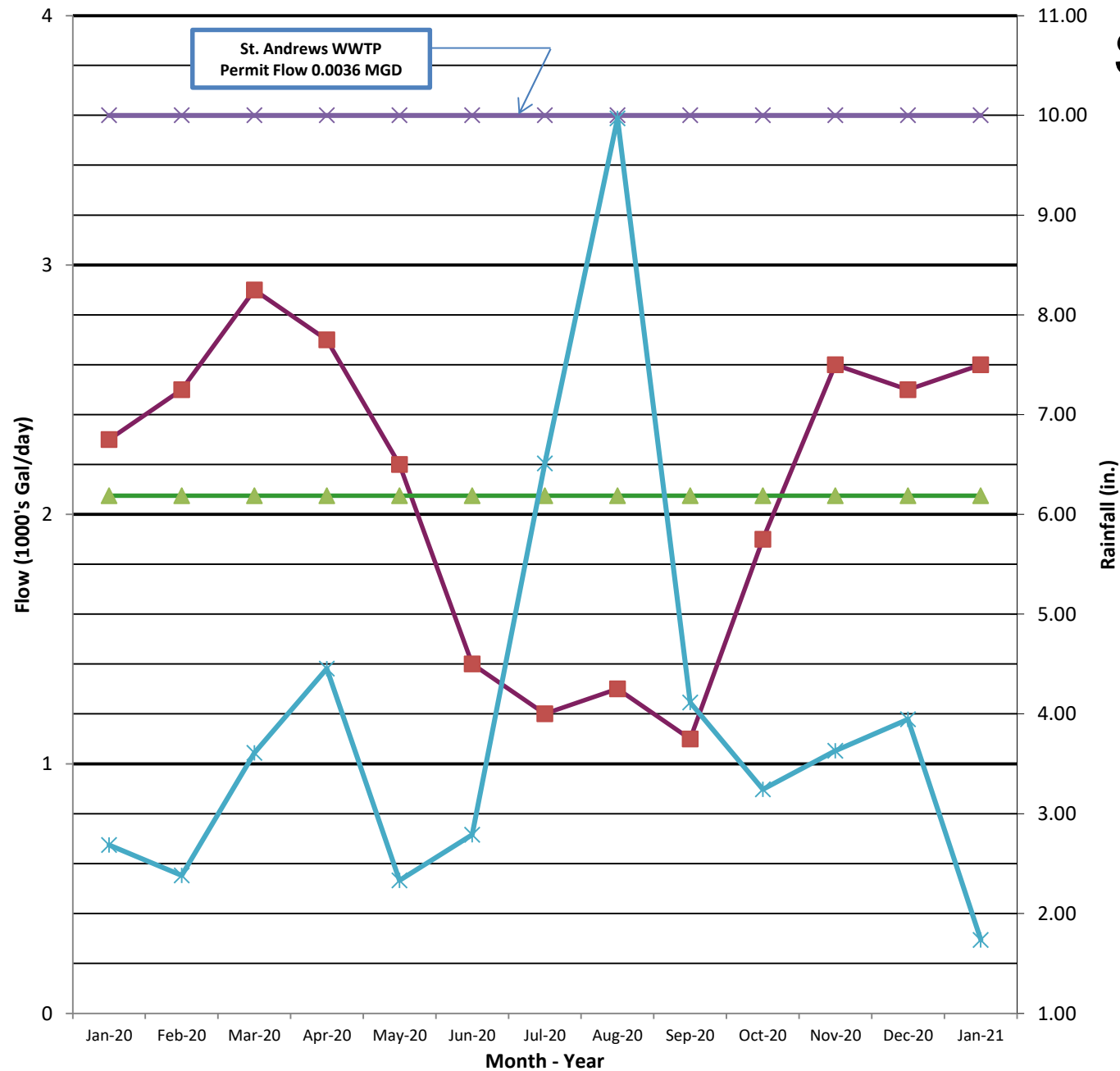
Route 100 2020 - 2021



Saybrooke 2020 - 2021



St. Andrews 2020 - 2021





To: Municipal Authority Members

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

Re: Authority Administrator's Report

Date: February 19, 2021

Activities for the month include:

- A. Communication with WWTF Operator and Township Staff regarding operational and maintenance issues. (36.0 hours)
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files. (4.0 hours)
- C. Communication with residents regarding septic system issues and possible connection to the sanitary sewer system. Inquiries included residents on Waterview Road, Font Road, Milford Road, the former "Sunoco" Property on Route 100 and Park Road. (6.0 hours)
- D. Communication and meeting with developer and developer's engineer over a proposed development for 100 Greenridge Road including review of preliminary plan, capacity discussion financial obligation of the developer and discussion on method of connection. (4.0 hours)
- E. Communication with engineer for TC Energy relative to a transfer station to be constructed on Fellowship Road including discussion of design criteria and the update to the Intermunicipal Agreement with West Vincent Township. (4.0 hours)
- F. Communication with McKee engineer and ARRO regarding Phase III design of the Route 100 WWTF, collection system and disposal system and modifications to the Part II construction Permit application. (10.0 hours)
- G. Communication with residents in the Meadow Creek development regarding provision of sewer service in the development due to the Sunoco pipeline. Further technical review of design information for the Greenridge WWTF upgrade and Meadow Creek Lane sewer line location. (8.0 hours)

- H. Communication with ARRO regarding the Byers Road extension and development connection including bidding requirements and permit extension. (1.0 hours)
- I. Communication with WWTF Operator and ARRO regarding upgrades to Route 100 SCADA system as part of the Phase III expansion of the WWTF. (3.0 hours)

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

WASTE WATER FACILITIES
MONTHLY REPORT FOR January 2021

ROUTE 100 REGIONAL SEWER PLANT (275 FELLOWSHIP RD)

- site checked
- checked heaters
- cleaned facility

BYERS STATION EFFLUENT PUMP STATION (1120 SUNDERLAND AVE) :

- cleaned and checked heaters
- cleaned facility

BYERS STATION INFLUENT PUMP STATION (308 FLAGSTONE) :

- checked heaters
- cleaned facility
- checked site

EWING PUMP STATION (2679 PRIMROSE CT) :

- cleaned facility
- checked heaters

EWING WEST VINCENT INFLUENT (304 FELLOWSHIP) :

- cleaned facility
- checked site

EAGLE HUNT PUMP STATION (422 HEMLOCK) :

- site checked
- cleaned facility

WINDSOR RIDGE PUMP STATION (10 PROSPECT HILL BLVD) :

- site checked
- LED screen repaired by DynaTech
- cleaned facility

SAYBROOK SEWER PLANT (29 YARMOUTH) :

- site checked
- checked heaters
- cleaned up facility

SEABURY PUMP STATION (527 SAYBROOK LN) :

- site checked
- cleaned up property
- lubed and cleaned all locks

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

- site checked
- Removed Trash

YARMOUTH LN PUMP STATION #2 (13 YARMOUTH) :

- site checked
- lubed locks

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

- site checked
- cleaned facility
- Removed Trash

ST. ANDREWS PUMP STATION (St. Andrews) :

- site checked
- Removed Trash

RESERVE AT EAGLE LAGOON (314A PRESCOTT DR) :

- site checked
- checked heaters
- cleaned gutters
- cleaned facility

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

- site checked
- lubed locks
- cleaned facility

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

- site checked
- cleaned facility

UPLAND FARMS PUMP STATION (100 DARRELL Way)

- site checked
- cleaned facility

GREENRIDGE SEWER PLANT (711 DORIAN CT) :

- site checked
- checked heaters
- lubed locks
- cleaned facility

STONEHEDGE PUMP STATION (103 INDIAN SPRINGS WEST) :

- site checked
- cleaned facility

MARSH HARBOUR SEWER PLANT (2500 MALLARD LN) :

- site checked
- checked heaters
- cleaned facility

MARSH HARBOUR PUMP STATION (509A LARKINS BRIDGE) :

- site checked
- lubed locks

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

- site checked
- lubed locks

EAGLE POINT SEWER PLANT (1960 TICONDEROGA BLVD) :

- site checked
- cleaned facility

HERRON HILL PUMPS STATION (34A HERRON HILL} :

- site checked

LAKERIDGE SEWER PLANT (540 WALTER CT) :

- site checked
- cleaned Trash and recycles
- cleaned facility

LAKERIDGE PUMP STATION (201 MOORE RD) :

- site checked

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

- site checked
- repaired fence
- checked heaters
- cleaned facility

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

- site checked
- cleaned facility

EAGLE MANOR PUMP STATION (111 DOROTHY LN):

- site checked

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

- site checked

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

- site checked
- cleaned trashed and recycle

While performing monthly checks, I did not notice any serious issues.

All facilities were plowed during multiple snow storms

**Craig Rowe
MA Facility Maintenance**