



AGENDA

May 26, 2020
7:30 PM

LOCATION:

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

- I. Call to Order
- II. Approval of Minutes: April 28, 2020
- III. Approval of Payments: May 2020
- IV. Authority Administration Reports
 - A. Clean Water, Inc. Monthly Report
 - B. ARRO Consulting Monthly Report
 - C. Authority Administrator's Report
 - 1. Sheriff's Sales ~ discuss
 - 2. Reserve at Chester Springs ~ Grant of Sanitary Sewer Facility Easements, Dedication of Sanitary Sewer Lines in Roadways, Maintenance Security Agreement and Bond
 - D. Public Works Department Report
- V. Open Session
- VI. Next Meeting Date: June 23, 2020 ~ 7:30 p.m.
Location: Will be announced on the website
- VII. Adjournment



MEETING MINUTES

April 28, 2020

7:30 PM

DRAFT

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

In attendance: H. Harper, Chairman, D. Carlson, Member, L. Schack, Member, W. Quinn, Member, Tony Scheivert, Township Manager, Gwen Jonik, Township Secretary, G. Matthew Brown, P.E., DEE, Authority Administrator and David Schlott, Jr., P.E., ARRO Consulting, Inc.

Call to Order

H. Harper, Chairman, called the meeting to order at 7:32 PM.

Approval of Minutes

Draft minutes of the February 25, 2020 meeting were presented. After a brief discussion and questions, D. Carlson made a motion to approve the minutes as submitted. W. Quinn seconded. It was so moved.

Approval of Payments

Following a brief discussion, a motion was made by D. Carlson to approve the payments for March 2020 (disposed by the Authority protocol). L. Schack seconded. It was so moved. Again, after a brief discussion of the balance sheet and the statement of revenue and expenses, D. Carlson moved to accept the financial reports submitted in good faith by the Township Treasurer for March 2020. L. Schack seconded. It was so moved.

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

Authority Administration Reports

M. Brown noted that all facilities were operating well and within permit. M. Brown provided an update on the sheriff sales of the two properties at the request of the Board. No current activity due to the state emergency. M. Brown provided a briefing of the

Sunoco pipeline and potential for sewerage more homes in the Meadow Creek development T. Scheivert commented on the status of the negotiations with Sunoco. G. Jonik noted a replacement for Brian Owens had been hired. T. Scheivert provided a brief update of the status of the new Township building construction.

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

Open Session

No members of the public joined the meeting.

Next Meeting Date: May 26, 2020 - 7:30 PM

H. Harper noted the date, time and with the location to be determined (new or temporary Township buildings or virtual) of the next meeting of the Authority.

Adjournment

There being no further business to be brought before the Authority, D. Carlson moved, seconded by W. Quinn to adjourn the meeting at 8:10 PM.

Respectfully submitted,

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

May 22, 2020
01:43 PM

Upper Uwchlan Township
Check Register By Check Id

Page No: 1

Range of Checking Accts: MA MERIDIAN to MA MERIDIAN Range of Check Ids: 2191 to 2210
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
2191	05/26/20	ALSGROUP ALS GROUP USA, CORP	3,585.50		2217
2192	05/26/20	AQUAP010 AQUA PA	772.46		2217
2193	05/26/20	ARROC010 ARRO CONSULTING, INC.	61,640.50		2217
2194	05/26/20	ATTMOBIL AT & T MOBILITY	97.61		2217
2195	05/26/20	BARBA010 BARBACANE THORNTON & COMPANY	1,225.00		2217
2196	05/26/20	BUCKL010 BUCKLEY, BRION, MCGUIRE, MORRI	20.00		2217
2197	05/26/20	CHRISFRA FRANTZ, CHRISTOPHER	107.50		2217
2198	05/26/20	CLEANWAT CLEAN WATER, INC.	6,455.00		2217
2199	05/26/20	EAGLHARD EAGLE HARDWARE	19.96		2217
2200	05/26/20	INKS0010 INK'S DISPOSAL SERVICE, INC.	812.50		2217
2201	05/26/20	MARTI040 MARTIN'S TIRE & ALIGNMENT	696.46		2217
2202	05/26/20	MCGOV020 MCGOVERN ENVIRONMENTAL, LLC	18,181.61		2217
2203	05/26/20	MJREIDER M. J. REIDER ASSOCIATES, INC.	1,459.50		2217
2204	05/26/20	PECO0010 PECO ENERGY	18,123.34		2217
2205	05/26/20	PENNS080 PENNSYLVANIA ONE CALL	129.86		2217
2206	05/26/20	PIPED010 PIPE DATA VIEW	625.00		2217
2207	05/26/20	PIPEX020 PIPE XPRESS, INC.	187.96		2217
2208	05/26/20	POSTM010 POSTMASTER UWCHLAND	148.00		2217
2209	05/26/20	PRED0010 PREDOC	540.00		2217
2210	05/26/20	VERIZFIO VERIZON	1,290.45		2217

Report Totals	<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>	<u>Amount Void</u>
Checks:	20	0	116,118.21	0.00
Direct Deposit:	<u>0</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
Total:	20	0	116,118.21	0.00

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Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 1

Batch Id: LHAINES Batch Type: C Batch Date: 05/26/20 Checking Account: MA MERIDIAN G/L Credit: Expenditure G/L Credit
Generate Direct Deposit: N

Check No.	Check Date	Vendor # Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct
PO #	Enc Date	Item Description			Description				
05/26/20 ALSGROUP ALS GROUP USA, CORP									
20-00605	05/26/20	1 ewing tract	829.80	P.O. BOX 975444	06-420-000-030	Expenditure	Aprv	28	1
				Testing					
20-00605	05/26/20	2 eagle hunt	471.90	06-420-000-030	06-420-000-030	Expenditure	Aprv	29	1
				Testing					
20-00605	05/26/20	3 reserve at eagle	982.10	06-420-000-030	06-420-000-030	Expenditure	Aprv	30	1
				Testing					
20-00605	05/26/20	4 saybrooke	411.90	06-420-000-030	06-420-000-030	Expenditure	Aprv	31	1
				Testing					
20-00605	05/26/20	5 windsor ridge	889.80	06-420-000-030	06-420-000-030	Expenditure	Aprv	32	1
				Testing					
			3,585.50						
05/26/20 AQUAP010 AQUA PA									
20-00603	05/26/20	1 119 prescott drive	18.00	PO BOX 70279	06-409-000-037	Expenditure	Aprv	11	1
				Water					
20-00603	05/26/20	2 100 milford road	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	12	1
				Water					
20-00603	05/26/20	3 100 prescott drive	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	13	1
				Water					
20-00603	05/26/20	4 meadow creek lane	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	14	1
				Water					
20-00603	05/26/20	5 308 flagstone road	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	15	1
				Water					
20-00603	05/26/20	6 1 prospect hill blvd	52.50	06-409-000-037	06-409-000-037	Expenditure	Aprv	16	1
				Water					
20-00603	05/26/20	7 528 walter court	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	17	1
				Water					
20-00603	05/26/20	8 325 fellowship road	397.77	06-409-000-037	06-409-000-037	Expenditure	Aprv	18	1
				Water					
20-00603	05/26/20	9 658 collingwood terrace	52.50	06-409-000-037	06-409-000-037	Expenditure	Aprv	19	1
				Water					
20-00603	05/26/20	10 241 fellowship road	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	20	1
				Water					
20-00603	05/26/20	11 29 yarmouth lane	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	21	1
				Water					
20-00603	05/26/20	12 425 hemlock lane	52.50	06-409-000-037	06-409-000-037	Expenditure	Aprv	22	1
				Water					
20-00603	05/26/20	13 2680 primrose court	19.19	06-409-000-037	06-409-000-037	Expenditure	Aprv	23	1
				Water					
20-00603	05/26/20	14 381 little conestoga road	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	24	1
				Water					
20-00603	05/26/20	15 111 dorothy lane	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	25	1
				Water					
20-00603	05/26/20	16 1120 sunderland ave	18.00	06-409-000-037	06-409-000-037	Expenditure	Aprv	26	1
				Water					
			772.46						
05/26/20 ARROC010 ARRO CONSULTING, INC.									
				108 WEST AIRPORT ROAD					

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
20-00602	05/26/20	1 project 17000.00 consulting	1,470.75	06-408-000-000 Engineering Fees	Expenditure	Aprv	1	1
20-00602	05/26/20	2 project 9310.32 ww sys admin	12,134.00	06-400-000-002 Authority Administrator	Expenditure	Aprv	2	1
20-00602	05/26/20	3 project 10270.48 byers road	6,983.75	06-408-000-000 Engineering Fees	Expenditure	Aprv	3	1
20-00602	05/26/20	4 project 10270.53 lakeridge	1,092.75	06-408-000-000 Engineering Fees	Expenditure	Aprv	4	1
20-00602	05/26/20	5 project 10270.56 route 100 map	3,134.50	06-408-000-000 Engineering Fees	Expenditure	Aprv	5	1
20-00602	05/26/20	6 project 10270.58 route 100	3,943.00	06-408-000-000 Engineering Fees	Expenditure	Aprv	6	1
20-00602	05/26/20	7 project 10270.64 milford farms	5,166.75	06-408-000-000 Engineering Fees	Expenditure	Aprv	7	1
20-00602	05/26/20	8 project 10270.71 act 537	2,167.75	06-408-000-000 Engineering Fees	Expenditure	Aprv	8	1
20-00602	05/26/20	9 project 10270.72 mc to greenri	20,420.25	06-408-000-000 Engineering Fees	Expenditure	Aprv	9	1
20-00602	05/26/20	10 project 10270.73 eaglepointe	5,127.00	06-408-000-000 Engineering Fees	Expenditure	Aprv	10	1
			61,640.50					
20-00604	05/26/20	1 pump stations/cell	97.61	PO BOX 6463 06-409-000-032 Telephone	Expenditure	Aprv	27	1
			97.61					
20-00607	05/26/20	1 authority progress billing	1,225.00	200 SPRINGER BUILDING 06-402-000-450 Audit Fees	Expenditure	Aprv	34	1
			1,225.00					
20-00606	05/26/20	1 sewer collections	20.00	118 W. MARKET STREET 06-404-000-000 Legal Fees	Expenditure	Aprv	33	1
			20.00					
20-00608	05/26/20	1 review monthly board package	107.50	PO BOX 557 06-404-000-000 Legal Fees	Expenditure	Aprv	35	1
			107.50					
20-00609	05/26/20	1 monthly operations	6,455.00	170 DALLAS STREET 06-420-000-045 Contracted Services	Expenditure	Aprv	36	1
			6,455.00					
20-00610	05/26/20	1 ma - fence post	19.96	06-420-000-020 Supplies	Expenditure	Aprv	37	1
			19.96					

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No.	Check Date	Vendor # Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct
PO #	Enc Date	Item Description			Description				
20-00611	05/26/20	1 INKS0010 INK'S DISPOSAL SERVICE, INC. 1 st. andrews, eaglepointe	812.50	564 NORTH MANOR ROAD	06-420-000-025	Expenditure	Aprv	38	1
			812.50	Maintenance & Repair					
20-00612	05/26/20	1 MARTI040 MARTIN'S TIRE & ALIGNMENT 1 trailer & chipper tires	696.46	179 TWIN COUNTY RD.	06-420-000-020	Expenditure	Aprv	39	1
			696.46	Supplies					
20-00614	05/26/20	1 MCGOV020 MCGOVERN ENVIRONMENTAL, LLC 1 eaglepointe	410.79	920 SOUTH BOLMAR STREET	06-420-000-031	Expenditure	Aprv	57	1
20-00614	05/26/20	2 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	58	1
20-00614	05/26/20	3 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	59	1
20-00614	05/26/20	4 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	60	1
20-00614	05/26/20	5 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	61	1
20-00614	05/26/20	6 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	62	1
20-00614	05/26/20	7 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	63	1
20-00614	05/26/20	8 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	64	1
20-00614	05/26/20	9 route 100	2,090.85	Pump & Haul	06-420-000-031	Expenditure	Aprv	65	1
20-00614	05/26/20	10 eaglepointe	285.92	Pump & Haul	06-420-000-031	Expenditure	Aprv	66	1
20-00614	05/26/20	11 route 100	77.63	Pump & Haul	06-420-000-031	Expenditure	Aprv	67	1
20-00614	05/26/20	12 route 100	724.55	Pump & Haul	06-420-000-031	Expenditure	Aprv	68	1
20-00614	05/26/20	13 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	69	1
20-00614	05/26/20	14 eaglepointe	404.69	Pump & Haul	06-420-000-031	Expenditure	Aprv	70	1
20-00614	05/26/20	15 eaglepointe	404.69	Pump & Haul	06-420-000-031	Expenditure	Aprv	71	1
20-00614	05/26/20	16 route 100	3,687.34	Pump & Haul	06-420-000-031	Expenditure	Aprv	72	1
20-00614	05/26/20	17 eaglepointe	756.59	Pump & Haul	06-420-000-031	Expenditure	Aprv	73	1
20-00614	05/26/20	18 eaglepointe	351.90	Pump & Haul	06-420-000-031	Expenditure	Aprv	74	1
20-00614	05/26/20	19 route 100	77.63	Pump & Haul	06-420-000-031	Expenditure	Aprv	75	1
20-00614	05/26/20	20 route 100	77.63	Pump & Haul	06-420-000-031	Expenditure	Aprv	76	1
20-00614	05/26/20	21 eaglepointe	2,041.02	Pump & Haul	06-420-000-031	Expenditure	Aprv	77	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No. PO #	Check Date Enc Date	Vendor # Name Item Description	Payment Amt	Street 1 of Address to be printed on Check Charge Account Description	Account Type	Status	Seq	Acct
20-00614	05/26/20	22 route 100	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	78	1
20-00614	05/26/20	23 eaglepointe	351.90	Pump & Haul 06-420-000-031	Expenditure	Aprv	79	1
20-00614	05/26/20	24 eaglepointe	404.69	Pump & Haul 06-420-000-031	Expenditure	Aprv	80	1
20-00614	05/26/20	25 route 100	77.63	Pump & Haul 06-420-000-031	Expenditure	Aprv	81	1
20-00614	05/26/20	26 route 100	1,021.11	Pump & Haul 06-420-000-031	Expenditure	Aprv	82	1
20-00614	05/26/20	27 route 100	2,042.22	Pump & Haul 06-420-000-031	Expenditure	Aprv	83	1
			<u>18,181.61</u>	Pump & Haul				
05/26/20 MJREIDER M. J. REIDER ASSOCIATES, INC.				107 ANGELICA STREET				
20-00613	05/26/20	1 eaglepointe	14.00	06-420-000-030 Testing	Expenditure	Aprv	40	1
20-00613	05/26/20	2 st. andrews	77.00	06-420-000-030 Testing	Expenditure	Aprv	41	1
20-00613	05/26/20	3 rt 100 wwtp	108.50	06-420-000-030 Testing	Expenditure	Aprv	42	1
20-00613	05/26/20	4 greenridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	43	1
20-00613	05/26/20	5 saybrooke	108.50	06-420-000-030 Testing	Expenditure	Aprv	44	1
20-00613	05/26/20	6 st. andrews	150.50	06-420-000-030 Testing	Expenditure	Aprv	45	1
20-00613	05/26/20	7 rt 100 wwtp	108.50	06-420-000-030 Testing	Expenditure	Aprv	46	1
20-00613	05/26/20	8 lakeridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	47	1
20-00613	05/26/20	9 marsh harbor	122.50	06-420-000-030 Testing	Expenditure	Aprv	48	1
20-00613	05/26/20	10 greenridge	108.50	06-420-000-030 Testing	Expenditure	Aprv	49	1
20-00613	05/26/20	11 rt 100 wwtp	24.50	06-420-000-030 Testing	Expenditure	Aprv	50	1
20-00613	05/26/20	12 st. andrews brae	77.00	06-420-000-030 Testing	Expenditure	Aprv	51	1
20-00613	05/26/20	13 eaglepointe	178.50	06-420-000-030 Testing	Expenditure	Aprv	52	1
20-00613	05/26/20	14 reserve,eagle hunt,byers,ewing	56.00	06-420-000-030 Testing	Expenditure	Aprv	53	1
20-00613	05/26/20	15 rt 100 wwtp	24.50	06-420-000-030 Testing	Expenditure	Aprv	54	1
20-00613	05/26/20	16 lakeridge	42.00	06-420-000-030 Testing	Expenditure	Aprv	55	1
20-00613	05/26/20	17 saybrooke	42.00	06-420-000-030 Testing	Expenditure	Aprv	56	1
			<u>1,459.50</u>	Testing				

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Upper Uwchlan Township
Check Payment Batch Verification Listing

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Check No.	Check Date	Vendor #	Name	Payment Amt	Street 1 of Address to be printed on Check	Charge Account	Account Type	Status	Seq	Acct
PO #	Enc Date	Item	Description			Description				
	05/26/20	PEC00010	PECO ENERGY		SUMMARY BILL PROCESSING CENTER					
20-00621	05/26/20	1	304 fellowship road	186.22	06-409-000-036	Electric	Expenditure	Aprv	91	1
20-00621	05/26/20	2	2500 eagle farms road	1,029.19	06-409-000-036	Electric	Expenditure	Aprv	92	1
20-00621	05/26/20	3	seabury lane	28.67	06-409-000-036	Electric	Expenditure	Aprv	93	1
20-00621	05/26/20	4	primrose court	1,090.09	06-409-000-036	Electric	Expenditure	Aprv	94	1
20-00621	05/26/20	5	100 prescott drive	378.80	06-409-000-036	Electric	Expenditure	Aprv	95	1
20-00621	05/26/20	6	301 pottstown pike	332.82	06-409-000-036	Electric	Expenditure	Aprv	96	1
20-00621	05/26/20	7	kristines/milford	158.65	06-409-000-036	Electric	Expenditure	Aprv	97	1
20-00621	05/26/20	8	711 dorian road	328.21	06-409-000-036	Electric	Expenditure	Aprv	98	1
20-00621	05/26/20	9	111 dorothy lane	59.03	06-409-000-036	Electric	Expenditure	Aprv	99	1
20-00621	05/26/20	10	dorlan drive	1,419.25	06-409-000-036	Electric	Expenditure	Aprv	100	1
20-00621	05/26/20	11	381 lcr	243.95	06-409-000-036	Electric	Expenditure	Aprv	101	1
20-00621	05/26/20	12	milford road	27.11	06-409-000-036	Electric	Expenditure	Aprv	102	1
20-00621	05/26/20	13	st. andrews road	32.22	06-409-000-036	Electric	Expenditure	Aprv	103	1
20-00621	05/26/20	14	park road	1,478.65	06-409-000-036	Electric	Expenditure	Aprv	104	1
20-00621	05/26/20	15	55 pottstown pike	503.44	06-409-000-036	Electric	Expenditure	Aprv	105	1
20-00621	05/26/20	16	yarmouth lane	370.09	06-409-000-036	Electric	Expenditure	Aprv	106	1
20-00621	05/26/20	17	sunderland ave	1,899.75	06-409-000-036	Electric	Expenditure	Aprv	107	1
20-00621	05/26/20	18	kiloran wynd	233.98	06-409-000-036	Electric	Expenditure	Aprv	108	1
20-00621	05/26/20	19	flagstone road	978.79	06-409-000-036	Electric	Expenditure	Aprv	109	1
20-00621	05/26/20	20	yarmouth lane	35.00	06-409-000-036	Electric	Expenditure	Aprv	110	1
20-00621	05/26/20	21	140 pottstown pike	187.37	06-409-000-036	Electric	Expenditure	Aprv	111	1
20-00621	05/26/20	22	275 fellowship road	5,566.39	06-409-000-036	Electric	Expenditure	Aprv	112	1
20-00621	05/26/20	23	heron hill drive	147.63	06-409-000-036	Electric	Expenditure	Aprv	113	1
20-00621	05/26/20	24	indian springs drive	150.97	06-409-000-036	Electric	Expenditure	Aprv	114	1
20-00621	05/26/20	25	yarmouth lane	168.67	06-409-000-036	Electric	Expenditure	Aprv	115	1
20-00621	05/26/20	26	cassandra lane	172.03	06-409-000-036	Electric	Expenditure	Aprv	116	1

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Upper Uwchlan Township
Check Payment Batch Verification Listing

Page No: 6

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				
20-00621	05/26/20	27 fellowship road	916.37	Electric	06-409-000-036	Expenditure	Aprv	117	1
			<u>18,123.34</u>	Electric					
	05/26/20	PENNS080 PENNSYLVANIA ONE CALL		P.O. BOX 640407					
20-00619	05/26/20	1 pa one call - monthly activity	129.86	06-420-000-329		Expenditure	Aprv	88	1
			<u>129.86</u>	PA One Call					
	05/26/20	PIPED010 PIPE DATA VIEW		9 RAILROAD AVENUE					
20-00617	05/26/20	1 32 bryan wynd	625.00	06-420-000-045		Expenditure	Aprv	86	1
			<u>625.00</u>	Contracted Services					
	05/26/20	PIPEX020 PIPE XPRESS, INC.		817 E WASHINGTON STREET					
20-00618	05/26/20	1 ma - coupling	187.96	06-420-000-020		Expenditure	Aprv	87	1
			<u>187.96</u>	Supplies					
	05/26/20	POSTM010 POSTMASTER UWCHLAND		101 FELLOWSHIP ROAD					
20-00615	05/26/20	1 po box 437 rental - 1 year	148.00	06-406-000-100		Expenditure	Aprv	84	1
			<u>148.00</u>	Utility Billing Costs					
	05/26/20	PRED0010 PREDOC		14 CHRISEVYN LANE					
20-00616	05/26/20	1 saybrooke wwtp	540.00	06-420-000-025		Expenditure	Aprv	85	1
			<u>540.00</u>	Maintenance & Repair					
	05/26/20	VERIZFIO VERIZON		PO BOX 15124					
20-00620	05/26/20	1 telephone	274.80	06-409-000-032		Expenditure	Aprv	89	1
				Telephone					
20-00620	05/26/20	2 telephone	1,015.65	06-409-000-032		Expenditure	Aprv	90	1
			<u>1,290.45</u>	Telephone					

checks:	<u>Count</u>	<u>Line Items</u>	<u>Amount</u>
	20	117	116,118.21

There are NO errors or warnings in this listing.

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Receivables and Collections

	April 2020	March 2020	Change
Beginning Receivable Balance	236,887.38	236,887.38	-
<u>Billings:</u>			
Calculated charges billed	1,133,172.55	568,102.35	(565,070.20)
Billing adjustments			-
Late payment penalty	26,984.07	26,984.07	-
Adjustments	(858.85)	(958.60)	(99.75)
	<u>1,396,185.15</u>	<u>831,015.20</u>	<u>(565,169.95)</u>
<u>Less:</u>			
Collections*	629,016.42	593,245.76	(35,770.66)
 Receivable balance, month end	 <u><u>767,168.73</u></u>	 <u><u>237,769.44</u></u>	 <u><u>(529,399.29)</u></u>

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

Upper Uwchlan Township Municipal Authority
Sewer Billings

Month to Month Change in Delinquent Accounts

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

	4/30/2019	12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020
Number of delinquent accounts	110	125	105	172	134	291
Total delinquent balance	\$ 173,778	\$ 172,046	\$ 156,809	\$ 191,914	\$ 187,096	\$ 266,648

2020 Payment Schedule

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

Upper Uwchlan Township Municipal Authority

Balance Sheet

As of April 30, 2020

ASSETS

<u>Cash</u>		
06-100-000-010	General Checking - Fulton Bank	\$ 113,440.89
06-100-000-015	General Checking - Meridian Bank	163,946.52
06-100-000-020	General Checking - WIPP	377,480.19
06-106-000-002	Connection Fee Account	393,429.96
06-110-000-100	Fulton Bank Bond Proceeds - ICS	-
06-110-000-200	Fulton Bank Bond Proceeds - MMDA	5,348,651.38
	Total Cash	6,396,948.94
<u>PSDLAF Investments:</u>		
06-109-000-003	CD Program	-
06-109-000-004	Full Flex	183.84
		183.84
	Total Investments	183.84
<u>Accounts Receivable</u>		
06-145-000-001	Usage Fees Receivable	236,887.38
06-145-000-002	Capital Assessment Receivable	
06-147-000-000	Misc Accounts Receivable	546.00
	Total Accounts Receivable	237,433.38
<u>Other Current Assets</u>		
06-130-000-001	Due from MA Capital Fund	-
06-130-000-002	Due from UUT General Fund	1,193.52
06-130-000-003	Due from UUT Capital Fund	-
06-130-000-004	Due from Solid Waste Fund	-
06-130-000-005	Due from Stormwater Fund	-
06-130-000-006	Due from Sewer Fund	-
06-152-000-000	Undeposited Funds	-
06-155-000-000	Pre-Paid Expenses	-
06-155-000-010	Pre-Paid Attorney Fees	-
	Total Other Current Assets	1,193.52
<u>Fixed Assets</u>		
06-162-000-001	Fixed Assets	2,206,546.65
06-162-000-050	Accumulated Depreciation	(507,758.45)
06-163-000-100	Phase II Construction Project (CIP)	234,000.00
	Total Fixed Assets	1,932,788.20
<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	\$ 10,217,841.12

Upper Uwchlan Township Municipal Authority

Balance Sheet

As of April 30, 2020

LIABILITIES AND FUND BALANCE

		<u>Current Liabilities</u>	
06-200-000-020	Accounts Payable	-	
06-230-000-010	Due to UUT General Fund	74,223.61	
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	113,726.03	
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	61,640.50	
06-241-000-100	Retainage on Phase II Construction Project	-	
06-245-000-000	Due to Customers	275.00	
	Total Current Liabilities	<u>5,455,421.21</u>	
		<u>Equity</u>	
06-272-000-001	Opening Bal Equity	753,500.35	
06-272-000-002	Retained Earnings	3,832,949.62	
	Current Period Net Income (Loss)	175,969.94	
	Total Equity	<u>4,762,419.91</u>	
	Total Fund Balance	4,762,419.91	
	Total Liabilities & Fund Balance	\$ 10,217,841.12	

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

For the Period Ended April 30, 2020

	Actual 2020 YTD	Budget 2020	% of Budget	Actual 2019 (unaudited)	Budget 2019
REVENUES					
06-340-000-000 Interest Income	24,579.60	80,000.00	30.7%	143,374.14	15,000.00
06-365-000-000 Usage Fees Residential	597,921.62	2,293,851.00	26.1%	2,240,529.53	2,139,571.00
06-365-000-001 Usage Fees Commercial	31,103.80	-	#DIV/0!	121,234.30	100,000.00
06-365-000-010 Connection Fees	44,625.00	1,622,250.00	2.8%	25,875.00	2,543,000.00
06-370-000-000 Misc revenue	-	1,000.00	0.0%	-	1,000.00
06-393-000-100 Proceeds from Long Tern Debt	-	-	#DIV/0!	-	5,393,221.00
06-395-000-000 Refund of Prior Year Expenditures	-	-	#DIV/0!	-	-
06-395-000-100 Transfer from Sewer Fund	-	-	#DIV/0!	-	-
TOTAL REVENUES	\$ 698,230.02	\$ 3,997,101.00	17.5%	\$ 2,531,012.97	\$ 10,191,792.00
EXPENDITURES					
<u>General:</u>					
06-400-000-001 Administration	74,223.61	273,821.00	27.1%	270,079.91	241,246.00
06-400-000-002 Authority Adminstrator	47,569.89	120,000.00	39.6%	128,346.80	120,000.00
06-400-000-003 Professional Fees	-	12,000.00	0.0%	-	12,000.00
06-400-000-200 Admin Supplies	-	1,000.00	0.0%	149.68	1,000.00
06-400-000-341 Advertising	1,155.03	5,000.00	23.1%	149.93	5,000.00
06-400-000-352 Insurance - Liability	2,055.98	5,370.00	38.3%	3,575.25	5,545.00
06-400-000-355 Bank Fees	21.00	650.00	3.2%	319.00	650.00
06-402-000-450 Audit Fees	2,600.00	5,450.00	47.7%	5,550.00	5,450.00
06-404-000-000 Legal Fees	2,291.95	25,000.00	9.2%	16,663.14	20,800.00
06-406-000-100 Utility Billing Costs	4,307.81	12,000.00	0.0%	12,216.87	10,000.00
06-408-000-000 Engineering Fees	144,650.39	175,000.00	82.7%	401,482.89	150,000.00
06-408-000-100 Reimbursable Engineering Fees	-	-	#DIV/0!	-	-
	278,875.66	635,291.00	43.9%	838,533.47	571,691.00
<u>Building Expenses:</u>					
06-409-000-031 Lawn Care	-	5,000.00	0.0%	-	5,000.00
06-409-000-032 Telephone	5,527.36	15,000.00	36.8%	14,512.98	15,000.00
06-409-000-035 Insurance	6,167.92	11,078.00	55.7%	10,725.75	8,756.00
06-409-000-036 Electric	59,155.40	250,000.00	23.7%	252,319.68	250,000.00
06-409-000-037 Water	1,358.65	20,000.00	6.8%	19,149.60	25,000.00
06-409-000-052 Bldg Maint & Repair	-	10,000.00	0.0%	-	10,000.00
06-409-000-260 Building Supplies & Small Tools	-	15,000.00	0.0%	16,010.63	5,000.00
06-409-000-427 Waste Disposal	-	-	#DIV/0!	250.00	-
	72,209.33	326,078.00	22.1%	312,968.64	318,756.00
<u>Operations:</u>					
06-420-000-020 Supplies	3,191.01	50,000.00	6.4%	51,257.99	20,000.00
06-420-000-022 Chemicals	4,313.17	15,000.00	28.8%	9,539.38	15,000.00
06-420-000-023 Propane and Fuel Oil	992.61	5,000.00	19.9%	1,151.74	5,000.00
06-420-000-025 Maintenance & Repair	24,366.88	120,000.00	20.3%	110,707.57	120,000.00
06-420-000-030 Testing	7,550.70	35,000.00	21.6%	39,736.19	40,000.00
06-420-000-031 Pump & Haul	28,556.19	50,000.00	57.1%	70,631.62	50,000.00
06-420-000-032 Vegetation Management	5,405.00	20,000.00	27.0%	18,055.61	20,000.00
06-420-000-035 Permits	1,288.00	5,000.00	25.8%	2,616.00	5,000.00
06-420-000-042 Dues and Memberships	75.00	-	#DIV/0!	10.00	2,500.00
06-420-000-045 Contracted Services	58,043.02	150,000.00	38.7%	156,977.62	135,000.00
06-420-000-048 Misc expenses	289.00	10,000.00	2.9%	1,489.35	10,000.00
06-420-000-235 Vehicle Maintenance	-	2,000.00	0.0%	38.94	2,000.00
06-420-000-329 PA One Call	503.76	2,500.00	20.2%	1,253.74	2,500.00
	134,574.34	464,500.00	29.0%	463,465.75	427,000.00

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

**For the Period Ended April 30, 2020
(Continued)**

		Actual 2020 YTD	Budget 2020	% of Budget	Actual 2019 <i>(unaudited)</i>	Budget 2019
	<u>Capital:</u>					
06-483-000-000	Capital Repair	36,600.75	50,000.00	73.2%	689,483.51	50,000.00
06-483-000-100	Capital Construction	-	1,500,000.00	0.0%	-	1,500,000.00
06-493-000-083	Depreciation	-	100,000.00	0.0%	-	50,000.00
		<u>36,600.75</u>	<u>1,650,000.00</u>	<u>2.2%</u>	<u>689,483.51</u>	<u>1,600,000.00</u>
Total Expenditures before Operations Agreement and Transfers		\$ 522,260.08	\$ 3,075,869.00	17.0%	\$ 2,304,451.37	\$ 2,917,447.00
Net Income before Operations Agreement and Transfers		\$ 175,969.94	\$ 921,232.00	19.1%	226,561.60	7,274,345.00
	<u>Other:</u>					
06-471-000-010	Operations Agreement Fee to UUT-2014 Bonds	-	-	#DIV/0!	280,630.75	369,213.00
06-471-000-020	Operations Agreement Fee to UUT-2019 Bonds	-	237,494.00	0.0%	190,062.30	190,681.00
06-471-000-030	Operations Agreement Fee to UUT-2019A Bonds	-	335,300.00	0.0%	48,198.15	-
		<u>-</u>	<u>572,794.00</u>	<u>0.0%</u>	<u>518,891.20</u>	<u>559,894.00</u>
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!	-	-
		<u>-</u>	<u>-</u>	<u>#DIV/0!</u>	<u>-</u>	<u>-</u>
TOTAL EXPENDITURES		\$ 522,260.08	\$ 3,648,663.00	14.3%	\$ 2,823,342.57	\$ 3,477,341.00
OPERATING INCOME		\$ 175,969.94	\$ 348,438.00	50.5%	\$ (292,329.60)	\$ 6,714,451.00

Clean Water, Inc.

170 Dallas St.
Box 475
Atglen, Pa. 19310

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

May 21, 2020

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

RE: Report for the May meeting

Dear Authority,

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

Route 100

Recent drier weather has allowed for spray at a decent level. The influent pump for the Ewing station was delivered and installed by M and S services. The old one was sent to Deckmans for evaluation. However, it was really not worth rebuilding at a cost of \$12,000. The new one is \$17,000. Matt gave the ok to order a new one. The work in Ewing Tract spray field has begun. Pikeland is repairing damaged risers. McGovern hauled sludge. I expect cutting and harvesting to begin next week.

Eaglepointe

Plant is running really well. Flows continue to be about half of normal amounts.

Marsh Harbour

Plant is running fine. Spray rates here are good. M and S was out to replace a bad relay on the spray pump panel.

Lakeridge

Plant is running fine. However, flows are up due to rain and everyone being home. We are also noticing the influent BOD levels rising. That's a bad combo. It may be nice to remind folks to limit garbage disposal use.

Saybrooke

Facility is running fine. Predoc replaced a bad contactor and we had a decant pump rebuilt. McGovern was out to haul sludge.

Clean Water, Inc. Wastewater Treatment Specialists

Greenridge

Drip continues. Inks Disposal was out to clean the influent station

St. Andrews

Plant is running fine. Pipe Data View did discover some areas of concern in regard to infiltration. They also flushed the lines out to clean.

Soil testing on the spray fields will happen after the first cut. DEP is aware of this as well.

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

Respectfully,

Brian Norris



350 West Main Street
Suite 200
Trappe, PA 19426
T 610.495.0303
F 610.495.5855

MEMORANDUM

TO: Upper Uwchlan Township Municipal Authority

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

RE: Project Status Report

PROJECT NO.: 17000.00

DATE: May 20, 2020

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

Byers Station

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

Installation of the gravity house service line to each new townhouse will continue.

Village at Byers Station (5C), Lot #2 Commercial Parcel: ARRO reviewed the Village of Byers Station (5C) – Lot #2 Commercial Parcel's Sewage Facilities Planning Module (SFPM) package. The Developer's engineer submitted a 9,025 gpd sanitary sewer capacity request at the Route 100 WWTP facility. ARRO reviewed the Amended Final PRD Plans submitted by Bohler Engineering and prepared a February 27, 2018 letter to the Township with comments to the Plans. Sewage Facilities Planning Modules were sent to PADEP on April 18, 2018. ARRO reviewed Amended Final PRD Plans, last revised May 7, 2018, and submitted a May 30, 2018 letter to the Township containing comments to the Plans. Additional revised Plans were submitted on July 12, 2018 and are currently under review. The PADEP SFPM approval letter, dated June 27, 2018, was received by the Township. Vacuum testing of each sanitary sewer manhole on the site was completed on July 11, 2018. By email dated July 4, 2018, ARRO requested of Toll Brothers that they submit an agreement document between Toll and BPG Partners, Ltd. stipulating that after BPG has the binder course

paving completed each manhole will again be vacuum tested and BPG will repair any manhole that fails its vacuum re-test. ARRO submitted a July 19, 2018 sanitary sewer comments letter to the Township regarding the additional revised Plans submitted by Bohler Engineering on July 12, 2018. Toll Brothers submitted a July 30, 2018 letter acknowledging it will be responsible to ensure that the sanitary manholes in 5C Commercial will be tested after construction of the commercial portion of the subdivision. Toll requests the Authority require the testing to be a component of the financial security agreement as it relates to the commercial site work. ARRO prepared an August 31, 2018 letter to the Township with comments to the latest Final PRD Plans, last revised August 30, 2018. Eight buildings with various uses are proposed with a sewer capacity of 9,025 gallons per day. On March 18, 2019, ARRO received the draft of a revised land development drawing from Bohler Engineering presenting a new layout arrangement consisting of 67 townhome units, a coffee shop, retail store and a daycare center, and also a revised sanitary sewer capacity request of 15,195 gpd. On July 9, 2019, ARRO received from Bohler Engineering Revision 1 to the Lot #2 land development drawings. The drawings now show 55 townhome units, a 1-½ story retail building and a 2-story mixed-use commercial building. There is a revised sanitary sewer capacity request of 12,872 gpd. ARRO is reviewing the sanitary sewer portion of the drawings. ARRO prepared a July 24, 2019 comments letter to the Revision 1 land development drawings. On August 20, 2019, ARRO received revised Bohler Engineering Lot #2 land development drawings, Revision 2, dated August 16, 2019. ARRO is reviewing the sanitary sewer portion of the drawings. ARRO prepared a September 3, 2019 comments letter to the sanitary sewer portion of Bohler Engineering Lot #2 land development drawings, Revision 2, dated August 16, 2019. At the October 14, 2019 UUT Board of Supervisors meeting it was approved to send the revised Lot #2 Commercial Parcel SFPM package to PADEP. ARRO is assisting Bohler Engineering in preparing responses to comments contained in PADEP's October 31, 2019 review letter regarding the revised Lot #2 Commercial Parcel SFPM package. The Authority Administrator sent a December 9, 2019 letter to PADEP with responses to comments contained in the October 31, 2019 review letter regarding the revised Lot #2 Commercial Parcel SFPM package. Bohler Engineering reported to PADEP on January 3, 2020 that the Authority Administrator pronounced Upper Uwchlan will own the sanitary sewer main that will run within a dedicated easement through Lot 2 and connect to the sewer in Station Boulevard.

Nothing new to report.

Byers Station (6C), Vantage Point–Chester Springs: The Developer's engineer submitted a request for 43 EDUs (9,500 gpd) of sanitary sewer capacity at the Route 100 WWTP facility. The Authority Administrator sent a February 20, 2018 letter to D. L. Howell stating there is sufficient capacity at the Route 100 WWTP facility for the proposed 9500 gpd from the project. ARRO reviewed the project's Sewage Facilities Planning Module (SFPM). The module shows a request for 45 EDUs (10,000 gpd) of sanitary sewer capacity. SFPM Component 3 Section G and J were signed. The Pennsylvania Historical and Museum Commission clearance letter and Aqua water service letter have been received for the Sewage Facilities Planning Module (SFPM). On April 18, 2018, the Township forwarded SFPM Components 4B and 4C to the Chester County Planning Commission and Health Department. ARRO reviewed Land Development Plans, plotted April 6, 2018, and submitted an April 30, 2018 letter to the Township containing comments to the Plans. The SFPM is complete and a resolution to accept the document was placed on the Board of Supervisors' August 20, 2018 agenda. The SFPM application package was submitted to PADEP. ARRO prepared a September 6, 2018 sanitary sewer review letter to the latest Land Development Plans submitted by D.L. Howell, last revised August 13, 2018. ARRO received on December 5, 2018 the latest Land Development Plans, last revised November 30. ARRO will submit a sanitary sewer review letter the week of December 10. ARRO prepared and sent to the Township a December 14, 2018 sanitary sewer review letter to the December 5, 2018 Land Development Plans. ARRO received and reviewed the sanitary sewer portion of land development plans Revision No. 3, dated June 21, 2019. The plans show a dedicated sanitary sewer manhole in Byers Road to be installed when the Byers Road sewer extension project is constructed. ARRO prepared and sent a July 5, 2019 review comments letter to the Township.

PADEP issued a July 23, 2019 with three (3) items missing from the submitted SFPM. The Authority sent PADEP an August 23, 2019 letter in response to PADEP's July 23, 2019 letter containing three comments to the project's SFPM. The UUT Board of Supervisors at its September 16, 2019 meeting executed the amended Tentative Approval Decision to permit Parcel 6C to be developed as a senior living facility. PADEP issued a November 7, 2019 letter approving the Official Plan revision for the construction of the 101-unit retirement living apartment unit at 10,100 gpd sewage volume. ARRO reviewed the latest revision to the Vantage Point Retirement Living land development plans, dated December 6, 2019. ARRO issued a January 6, 2020 review comments letter to the Township. ARRO is reviewing the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020. ARRO prepared a March 6, 2020 review comments letter regarding the latest revision to the Vantage Point Retirement Living land development plans, dated February 3, 2020.

Nothing new to report.

Eagle Hunt

Nothing new to report.

Eaglepointe

Wastewater Treatment Plant: ARRO is working on a plan to convert the Eaglepointe WWTP into a pretreatment facility before sending the effluent on to the Route 100 Regional WWTP for final treatment. It is proposed to design and construct an effluent pump station for a 2-inch force main. ARRO has laid out a preliminary force main route from the Eaglepointe WWTP to the proposed Byers Road sanitary sewer extension across Route 100.

Nothing new to report.

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

Nothing new to report.

Liberty Union Bar & Grille: Liberty Union effluent was tested and BOD, fat & oil and nitrogen results were found to be higher than the Non-Residential Waste Discharge (NRWD) resolution limits. A November 13, 2017 letter was sent to Liberty Union advising them of their discharge overages and

the need to meet with the Authority Administrator, Clean Water and ARRO to discuss how Liberty Union could lower the three elevated discharges. The meeting will take place on November 30, 2017. The Authority Administrator, Clean Water and ARRO met with Liberty Union on November 30, 2017 to discuss how to lower the three elevated discharges. Liberty Union stated they will institute existing grease trap cleaning reforms and update their dish cleaning policy. Clean Water will take additional samples periodically to check the reforms. Clean Water conducted a grab sampling of Liberty Union discharges on January 31, 2018. Sampling test results for Phosphorus, BOD and Oil/Grease continue to be above the Authority's NRW 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 NRW maximum 250 mg/L threshold, the highest result was 1,700 mg/L. The Authority Administrator and ARRO conducted a meeting with Liberty Union and Epicurean Garage to discuss grease traps and grease entering the sanitary sewer system.

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

Dilibero - Go-Wireless, Eagle Car Wash and Enterprise Rent-A-Car Sanitary Sewer Connection:

ARRO is conducting an evaluation of the wastewater treatment capacity and feasibility for connecting these three businesses to the Eaglepointe WWTP sanitary sewer system. ARRO completed the evaluation, including a piping layout and cost estimate, and it is now under internal review. On April 20, 2018 ARRO transmitted its sanitary sewer evaluation to Dilibero. ARRO has been responding to sanitary sewer related questions from Dilibero's sewer contractor. On March 7, 2019 ARRO transmitted the Authority's Eaglepointe sanitary sewer and easement drawings to Dilibero's engineer for use in preparing their sanitary sewer extension plans. Eagle Service Center is unwilling to consent to a sanitary sewer easement across its property. ARRO has prepared an alternative to an entirely gravity sewer design with a preliminary low pressure force main design that crosses through the CarSense property in order to avoid the Eagle Service Center property.

Nothing new to report.

Eagle Retail Associates – Starbucks: ARRO is reviewing the sanitary sewer portion of a conditional use plan for a Starbucks with drive-through to occupy the former Key Bank Building at the Eaglepointe Shopping Center. ARRO reviewed the sanitary sewer portion of the conditional use application and submitted a May 28, 2019 letter to UUT with comments to the plan. ARRO recommended water consumption records be submitted from a similarly-sized facility to determine the necessary wastewater capacity. ARRO reviewed the latest land development plan, dated September 18, 2019, and issued an October 28, 2019 letter with comments to the plan. On January 22, 2020 ARRO was informed by E. B. Walsh Engineering that water consumption records will be submitted. Water consumption records from a similar size Starbucks were submitted averaging 800 gpd. On February 12, 2020 ARRO requested that E. B. Walsh provide BOD and TSS discharge test results from similar size Starbucks. A planning module waiver is also under review by ARRO. On March 9, 2020 J. Loew asked ARRO if Starbucks could be connected to the Route 100 Regional WWTP sanitary sewer system. The Authority Administrator will extend this request to Authority Board for consideration. ARRO is working on a plan to extend the proposed Byers Road sewer across Route

100 to the Eaglepointe shopping center entrance and connect Starbucks to the Route 100 Regional WWTP sanitary sewer system.

ARRO is preparing a response to a May 14, 2020 email from PADEP who has requested certification of capacity for the project, and a status update of the revised Act 537 Plan, including a status schedule and the plan for decommissioning of the Eaglepointe WWTP.

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.

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.

ARRO received an email from Ebert Engineering that the initial submission of the Upland Farms drip pump station upgrade and Feters site drip field design would be submitted during the week of May 25.

Frame Property (Reserve at Chester Springs)

The pre-construction meeting for the Reserve at Chester Springs (Frame Property) subdivision was held on August 4, 2016. ARRO reviewed shop drawings of sanitary sewer items. The site work is underway. ARRO has been informed by the contractor that sanitary sewer installation is expected to start at the beginning of October 2016. ARRO was informed by Toll Brothers that the sanitary sewer installation will start on Monday, October 24, 2016. Sanitary sewer installation started in Little Conestoga Road on Monday, October 24, 2016 with the tie-in to a manhole immediately upstream of the Little Conestoga Pump Station. Sewer installation in Little Conestoga Road is complete and is now proceeding within the subdivision. ARRO reviewed Toll Brothers' Reserve at Chester Springs Escrow Release #2 request and prepared a recommendation letter to release \$135,160.56. All sanitary sewer piping is installed and testing is underway. The first house service line is being installed the week of February 13, 2017. ARRO is working with Toll Brothers to obtain an easement within the subdivision for ARRO-designed sanitary sewer to serve three (3) Phase II Collection System properties. ARRO is having survey completed of the easement and for design of sewer for the three properties. The easement survey was completed and the Authority solicitor is preparing a Deed of Dedication for Sewer Easement. ARRO reviewed Toll Brothers' Reserve at Chester Springs Escrow Release #3 request and prepared a recommendation letter to release \$91,727.23. The Authority solicitor prepared a Deed of Dedication for the sewer easement to connect Phase II Collection System properties to the Reserve at Chester Springs. The Deed was transmitted to Toll Brothers for review. ARRO prepared a change order to the contractor, MG Property Management, to install 6-inch sanitary sewer and a manhole within the Reserve at Chester Springs Tot Lot for the future connection of Phase II Collection System properties. All sanitary sewer pipe testing is complete and manhole testing is underway. All sanitary sewer manhole testing is complete. MG Property Management installed the 6-inch sanitary sewer and a manhole within the Reserve at Chester Springs Tot Lot for the future connection of Phase II Collection System properties, but cannot complete its work until the Developer's contractor restores an open utility trench near the work area. ARRO prepared closeout documents for the MG Property Management project. MG Property Management completed its sanitary sewer work within the Tot Lot and will submit closeout documents for the project during the week of August 20, 2017. Installation of the gravity house service line to the last new home (Lot #16) was done on March 26, 2019. On February 11, 2019, ARRO received the sanitary sewer televising video and reports from Toll Brothers' contractor. Ahead of Toll Brothers' paving the subdivision, on April 4, 2019 ARRO checked all sanitary sewer manhole frames and covers and found no damaged units. ARRO inspected all manholes and prepared a punchlist of work items that was sent to Toll Brothers by letter dated May 21, 2019. ARRO received the draft sanitary sewer record drawings. ARRO reviewed the drawings and returned comments to Toll Brothers on November 26, 2019. At the request of the Authority solicitor, ARRO reviewed and commented in an email dated March 17, 2020 on a deed of dedication, maintenance security agreement escrow and grant of sanitary sewer easements. ARRO reviewed the revised Open Space Lot 66 Deed of Dedication submitted by Toll Brothers on April 3, 2020 and has no further comments to the document.

Nothing new to report.

Greenridge

Open Community Adaptive Reuse Development (OCARD): On August 1, 2017 a meeting with the Developer was held at the Township to discuss the sanitary sewer options for the redevelopment of the former Upattina School parcel (Open Community Adaptive Reuse Development, a.k.a OCARD). ARRO is reviewing a revised Section H of the Sewage Facilities Planning Module submitted by the Developer on August 8, 2017. ARRO reviewed a revised Sewage Facilities Planning Module Section H submitted by the Open Community Developer. The Sewage Facilities Planning Module (SFPM) now includes the revised Section H, and the Component 4 submissions have been forwarded to Chester County's Planning Commission and Heath Department. ARRO conducted a site visit to a property which utilizes an Ecoflow unit similar to that proposed for on-site wastewater pre-treatment at the Open Community project. Chester County Planning Commission and Heath Department returned the Open Community Components 4A, 4B and 4C. Component 3 Sections G and J were completed. The Township authorized sending the SFPM package to PADEP for review. The Authority Administrator prepared a March 14, 2018 letter to Warwick Land Development stating the Authority continues to lack sufficient information from Warwick before the Authority could agree to operate the pretreatment facility proposed for the Open Community Adaptive Reuse Development. On behalf of the Open Community Developer, on November 13, 2018 Boucher & James submitted sewer connection plans for review. ARRO is in the process of reviewing the plans and will issue comments in a separate letter. ARRO completed its review of the November 13, 2018 Boucher & James sewer connection plans and issued a November 28, 2018 comments letter to the Township. Subsequently, Boucher & James submitted to ARRO a response email on December 3, 2018 along with revised plans, last dated December 3, 2018. ARRO is reviewing the email responses and the latest revised plans. On February 25, 2019 PADEP released the WQM permit for the Open Community Adaptive Reuse Project. On March 12, 2019 the Township received a sewer permit application from the Developer. ARRO is setting up a pre-construction meeting for the Open Community Adaptive Reuse Project. On April 25, 2019 ARRO conducted a pre-construction meeting for the Open Community project. The Developer will attempt to use the existing lateral connection installed during the original Greenridge sanitary sewer installation work done in 2005. The Developer excavated a test hole at the existing Greenridge subdivision lateral connection. ARRO was informed by the Developer that elevations were taken and submitted to Boucher & James. The lateral will be used. New plans for connection to the existing lateral will be prepared and submitted to the Authority and ARRO for review. ARRO sent a September 17, 2019 email to the Developer requesting a project update for the sanitary sewer portion of the Open Community Adaptive Reuse Project. On October 15, 2019 ARRO received an email from the Developer with a project update stating bids have been awarded for the sanitary sewer portion of the Open Community Adaptive Reuse Project. Developer also indicated construction is tentatively scheduled for mid-December 2019. ARRO reviewed the latest sanitary sewer connection plan drawings, dated December 19, 2019. ARRO also reviewed some project sanitary sewer shop drawings. On January 16, 2020 ARRO submitted to the Developer comments to both items. ARRO is reviewing the latest revision to the OCARD land development plans, dated February 14, 2020, and additional shop drawings. ARRO completed reviewing the latest revision to the OCARD land development plans, dated February 14, 2020. ARRO sent an April 2, 2020 email to the Developer's engineer stating it had no further comments to the plans.

ARRO requested a project status update from the Developer.

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

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

Jankowski (Chester Springs Crossing)

ARRO issued a May 5, 2017 review letter to the Township with comments to the September 13, 2016 Conditional Use Plan for the Jankowski Tract. On February 2, 2018, the Developer's engineer submitted for review subdivision plans of a 55 Single Family Housing unit community. ARRO is working on a review of the sanitary sewer portion of the subdivision plans. ARRO completed its review of the Preliminary/Final Subdivision-Land Development Plan submitted by E. B. Walsh and prepared a February 26, 2018 letter to the Township with comments to the Plans. ARRO responded to Toll Brothers regarding the Windsor Ridge Pump Station capacity to receive Jankowski estimated sanitary flow. ARRO reviewed the Preliminary/Final Subdivision-Land Development Plan, last revised May 18, 2018, and prepared June 11, 2018 comments to the Township. Sewage Facilities Planning Module Components 4A, 4B and 4C were received. Presently the project is in the 30-day Public Notice periods, which upon completion the Township can submit the components to PADEP. The Authority Administrator sent an August 14, 2018 letter to Chester County Health Department (CCHD) regarding CCHD's Component 4C comment about malfunctions along Surrey Lane, Font Road and Carriage Drive. The Administrator stated the Authority will be evaluating future extensions in these areas. Subsequently, ARRO conducted a small conceptual planning study to sewer these areas. ARRO presented three sewer extension options and cost opinions to the Authority Administrator for review and comment. The first gravity and low pressure sewer concept sends all flow through the Jankowski tract, the second all-gravity sewer concept sends some flow through Jankowski and the remainder to Reserve at Eagle, while the third all gravity sewer concept sends all flow to the Reserve at Eagle. ARRO is reviewing the latest Preliminary/Final Subdivision Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. SFPM Components 4A, 4B and 4C were received, but the bog turtle clearance letter from PA Fish & Wildlife is still outstanding. The UUT Board of Supervisors authorized the resolution needed for the Sewage Facilities Planning Module at their October 15, 2018 meeting but are holding it until the clearance letter is issued. ARRO prepared an August 30, 2018 sanitary sewer review letter to the latest Preliminary/Final Subdivision-Land Development Plan transmitted by E.B. Walsh letter, dated August 10, 2018. On February 4, 2019, ARRO received the preliminary sanitary sewer escrow calculations from Toll Brothers. ARRO reviewed the calculations and returned comments to Toll. Revised calculations were received and after review were accepted by ARRO. ARRO prepared and sent a letter to the Township recommending acceptance of the sanitary escrow in the amount of \$425,955.60. On February 27, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by letter dated March 11, 2019. On March 18, 2019 ARRO received from E. B. Walsh updated Preliminary/Final Subdivision Land Development Plans. ARRO reviewed the sanitary sewer portion of the drawings and transmitted comments to E. B. Walsh by email dated April 1, 2019. On April 2, 2019 ARRO received from Toll Brothers a revised sanitary sewer escrow calculation based on the latest E. B. Walsh drawings. ARRO prepared an April 2 letter to the Township recommending accepting the revised escrow amount. ARRO received a May 22, 2019 email from Toll Brothers stating Jankowski construction might start in July 2019. A pre-construction meeting for the project has been scheduled for July 24, 2019. ARRO attended the July 24, 2019 pre-construction meeting and the August 21, 2019 PennDOT HOP site meeting. Sanitary sewer installation for the project is set to begin on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Sanitary sewer installation for the project began on August 26, 2019 starting offsite in Windsor Ridge's Garrison Drive. Garrison Drive sanitary sewer installation is almost complete and the contractor intends to continue its work in the Jankowski site. The boring for the sanitary sewer casing under Route 100 linking Jankowski and Windsor Ridge will take place sometime in October 2019. The sanitary sewer casing boring under Route 100 linking Jankowski and Windsor Ridge is scheduled for the week of October 28, 2019. The boring and casing work under Route 100 was completed the week of November 18, 2019. In order to correct a sewer misalignment through the casing Toll Brothers agreed to install two new manholes, one upstream and one downstream of the casing, and also relocate a recently installed manhole to achieve minimum sewer slope required by PADEP. Sanitary sewer installation continues within the site. Over the weeks of January 6 through

January 13, 2020 two new manholes, one upstream and one downstream of the casing, were installed and one existing manhole in Garrison Drive was relocated to achieve minimum sewer slope required by PADEP. Sanitary sewer installation still continues within the site. Testing of sanitary sewer through Milford Road Extension, across Route 100 and in Windsor Ridge's Garrison Drive started the last week of January 2020 and continued into early February. All testing was positive.

Installation of the gravity house service line to each new home has resumed the week of May 18, 2020.

Lakeridge

ARRO is preparing plans and specifications for construction of a sludge tank exterior to the WWTP Control Building. ARRO conducted an inspection of the Lakeridge WWTP Control Building in order to prepare maintenance and repair items for inclusion in the sludge tank construction contract. ARRO is continuing to prepare the sludge tank and building repairs plans and specifications. ARRO has both the sludge tank plans and specifications and the PADEP Part 2 permit application approximately 80 percent complete. ARRO has completed the sludge tank plans and specifications. The Part 2 permit application is expected to be submitted to PADEP by the end of May 2018. Changes to sludge tank design plans were necessary due to updated Columbia Gas easement information. ARRO submitted the Part 2 permit application to PADEP on July 17, 2018. PADEP sent an August 14, 2018 Water Quality Management permit for the sludge tank project. The bidding phase of the work is now in progress. The Sludge Tank Relocation project was put out to bid on September 4, 2018. A pre-bid meeting for the project is scheduled for September 20, 2018. Bids are due October 18, 2018. ARRO plans to have a bid award recommendation prepared for the October 23, 2018 Authority meeting. Bids for the Sludge Tank Relocation project were received on October 18, 2018 and reviewed by ARRO. ARRO recommended award of the General Contract to Blooming Glen Contractors and the Electrical Contract to Eastern Environmental Contractors. Agreements were delivered to the Township on November 19, 2018 for execution by the Authority at its November Board meeting. ARRO conducted the Sludge Tank Relocation project pre-construction meeting on December 10, 2018. The Sludge Tank project Notice to Proceed was issued on December 17, 2018 for a 180-calendar day construction period. Blooming Glen Contractors submitted its one-call notice for excavation on January 9, 2019. Sludge Tank project shop drawings are being reviewed. The Blooming Glen Contractors project schedule says construction will start in April 2019. The sludge tank project schedule had a setback due to a tank precast fabrication delay. Blooming Glen has submitted a 90-calendar day extension of contract time change order request. Work has begun in the Control Building with the installation of replacement unit heaters. The sludge tank excavation is complete and the tank is scheduled to be delivered July 18, 2019. The date of substantial completion is September 13, 2019. The sludge tank was installed and the general construction and electrical work is commencing. Change orders have been prepared for a 28-calendar day time extension to the general and electrical contracts. The date of substantial completion is now October 11, 2019. The sludge tank general construction and electrical work is coming to an end. Start-up testing is expected to be done in mid-October to meet the substantial completion date. Start-up testing is scheduled for the week of October 21, 2019 to meet the revised substantial completion date. Start-up testing is complete. Punchlist work is commencing. The project is expected to be done by mid-December 2019. Punchlist work is continuing. The project is expected to be done by mid-January.

Nothing new to report.

Marsh Harbour

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

Nothing new to report.

Reserve at Eagle

Nothing new to report.

Route 100 WWTP

ARRO conducted a study to search for new disposal sites within and near the Township. Mapping was developed for the study and ARRO conducted a preliminary assessment of a potential stream discharge for the WWTP. ARRO presented its findings regarding potential disposal sites at the December 2016 Board meeting. ARRO has prepared a draft of the Route 100 Regional WWTP disposal fields study for the potential to 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 prepared a draft of the Route 100 Regional WWTP aerated lagoon nutrient removal study for the potential of rerating of the lagoon to obtain an additional 100,000 gallons of capacity. The draft is under internal review prior to submission to the Authority.

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

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

ARRO submitted the Act 537 Planning Grant Application to the Pennsylvania Department of Community and Economic Development on May 23, 2019. ARRO received correspondence from the Pennsylvania Department of Community and Economic Development that they will consider the UUT Act 537 Planning Grant Application at their September 17, 2019 Commonwealth Financing Authority (CFA) Board meeting. The CFA posted its September 17, 2019 meeting grant award list and Upper Uwchlan Township was awarded the \$32,610 grant as requested on the Act 537 Planning Grant application. The UUTMA Act 537 Planning Project is awaiting the grant award documentation and agreement from CFA, which needs to be processed and signed before ARRO can move ahead with the planning. The UUTMA Act 537 Planning Project grant award documentation and agreement from CFA was signed. ARRO has started some basic planning work by reviewing past 537 Planning documents and township demographics.

ARRO continues basic Act 537 planning work.

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 an email from Ebert Engineering that the initial submission of Route 100 Regional WWTP Phase III design documents would be submitted during the week of May 25.

Saybrooke

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

Nothing new to report.

St. Andrews Brae

The property owner at 10 Kiloran Wynd, adjacent to the St. Andrews Brae WWTP, has had two blockages in his sewer and questions whether the WWTP is causing the problem. The Authority Administrator authorized a survey investigation to determine if the blockage location is on the WWTP property or the property owner's land.

The sanitary sewer system was pressure washed and televised on May 8, 2020 to locate any infiltration within the system. ARRO is in the process of reviewing the video.

Upland Farms

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

Nothing new to report.

Waynebrook

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

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

Nothing new to report.

Windsor Ridge

Nothing new to report.

Miscellaneous

270 – 290 Park Road (The Townes at Chester Springs) – PADEP issued a May 10, 2017 letter approving the proposed 40 townhouses development that will generate 7,400 gallons of sewage per day to be treated at the Route 100 Regional WWTP. ARRO is reviewing the June 20, 2017 resubmission of Land Development Plans for the project. Toll Brothers will be purchasing the approved plans and will develop and build the project. ARRO reviewed and commented on the draft sanitary sewer escrow spreadsheet submitted by Toll Brothers on June 14, 2017. ARRO reviewed the June 20, 2017 resubmission of Land Development Plans for the project and sent a June 23, 2017 letter to the Township with comments. The project preconstruction meeting was held on July 27, 2017. ARRO reviewed the contractor's sanitary sewer shop drawings. Sanitary sewer installation is tentatively scheduled to start the first week of October 2017. Sanitary sewer installation started on October 9, 2017. Sanitary sewer installation was completed on November 7, 2017. All sanitary sewer testing was completed on December 18, 2017. On February 14, 2108, 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.

Nothing new to report.

Village of Eagle

160/180 Park Road (Gunner Properties) - ARRO reviewed and commented on the sanitary sewer plans submitted to the Township on June 14, 2017 for the connection of 160/180 Park Road to the Route 100 Regional WWTP sanitary sewer system. ARRO reviewed revised sanitary sewer plans submitted to the Township on August 3, 2017. ARRO sent a letter to the Authority approving the revised plans. ARRO received updated Preliminary/Final Land Development Plans on October 17, 2017 for review. ARRO issued an October 31, 2017 comments letter to the updated Preliminary/Final Land Development Plans, received on October 17, 2017, requesting additional information on proposed bathroom facilities to determine the sanitary sewer capacity that will need to be purchased. ARRO reviewed a request to allow installation of an 8" saddle on the existing 12" sewer main in lieu of 8" x 12" cut-in wye as shown on the Developer's approved design drawings. The request was denied unless further information is supplied supporting the request's feasibility. ARRO reviewed and accepted installation of an 8" saddle on the existing 12" sewer main in lieu of 8" x 12" cut-in wye. A preconstruction meeting for the project was held on January 11, 2018. On February 20, 2018, the Developer's contractor installed an 8" saddle on the existing 12" sewer main in Park Road. The contractor also started installing sewer within the site. ARRO is preparing a letter to the Authority in response to the capacity request from the Developer. ARRO is reviewing the sanitary sewer portion of a conditional use application for additional development at 160/180 Park Road. ARRO completed a review of the sanitary sewer portion of a conditional use application for additional development at 160/180 Park Road and submitted a May 28, 2019 letter to the Township. ARRO recommends an additional 8.66 EDUs of capacity should be purchased for the proposed use. ARRO prepared a July 23, 2019 comments letter to the Preliminary/Final Plans for Eagle Village Parking Expansion as prepared by DL Howell, dated July 3, 2019. An additional 8.5 EDUs need to be purchased for the proposed use and a SFPM will be required. The Board of Supervisors granted approval of the Plans at their August 19, 2019 meeting. PADEP sent an August 19, 2019 letter stating no Sewage Facilities

Planning Modules are required for expansion of the 160 Park Road parking lot. A capacity agreement for 8.5 EDUs was established. The first of six (6) capacity payments for the 8.5 EDUs (\$133,875.00 total) was made by the Developer on January 29, 2020. ARRO emailed the Developer's engineer on February 25, 2020 requesting the engineer contact PADEP about questions to the project.

Nothing new to report.

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

Byers Road Sanitary Sewer Extension SFPM approval. ARRO is continuing to prepare and will submit a sanitary sewer grant application under the Pennsylvania Department of Community & Economic Development H2O PA grant program for the Byers Road Sanitary Sewer Extension project. The Byers Road grant application was submitted on December 12, 2019. Action on the application is not expected until May or June 2020.

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

ARRO is continuing work on a plan to extend the proposed Byers Road sewer across Route 100 to the Eaglepointe shopping center entrance.

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

ARRO is working on completing the design drawings and specifications for the project.

ARRO submitted the planning module application to PADEP on May 10, 2020.

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

Nothing new to report.

241 Park Road LLC (McQueen)

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

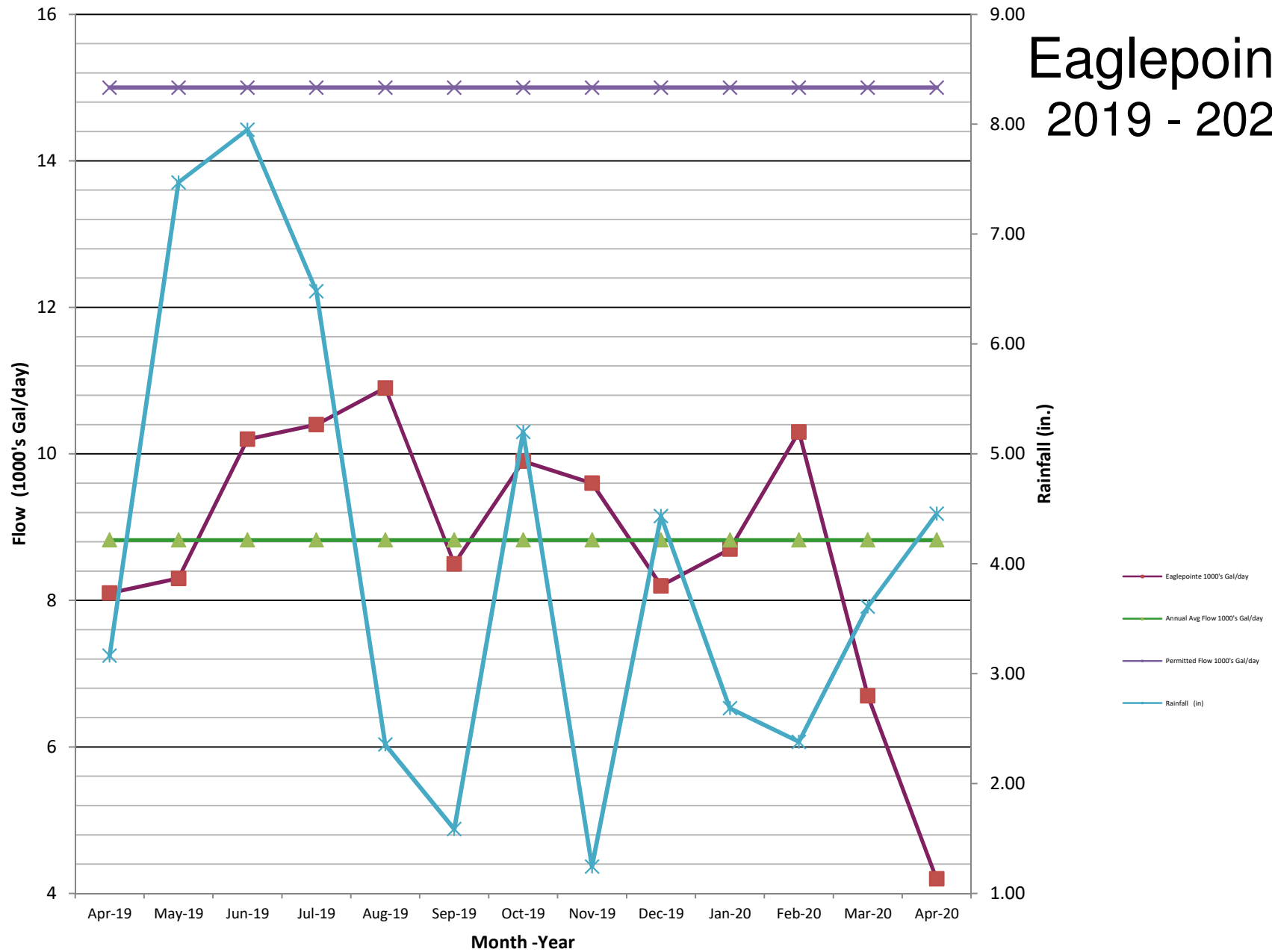
Nothing new to report.

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

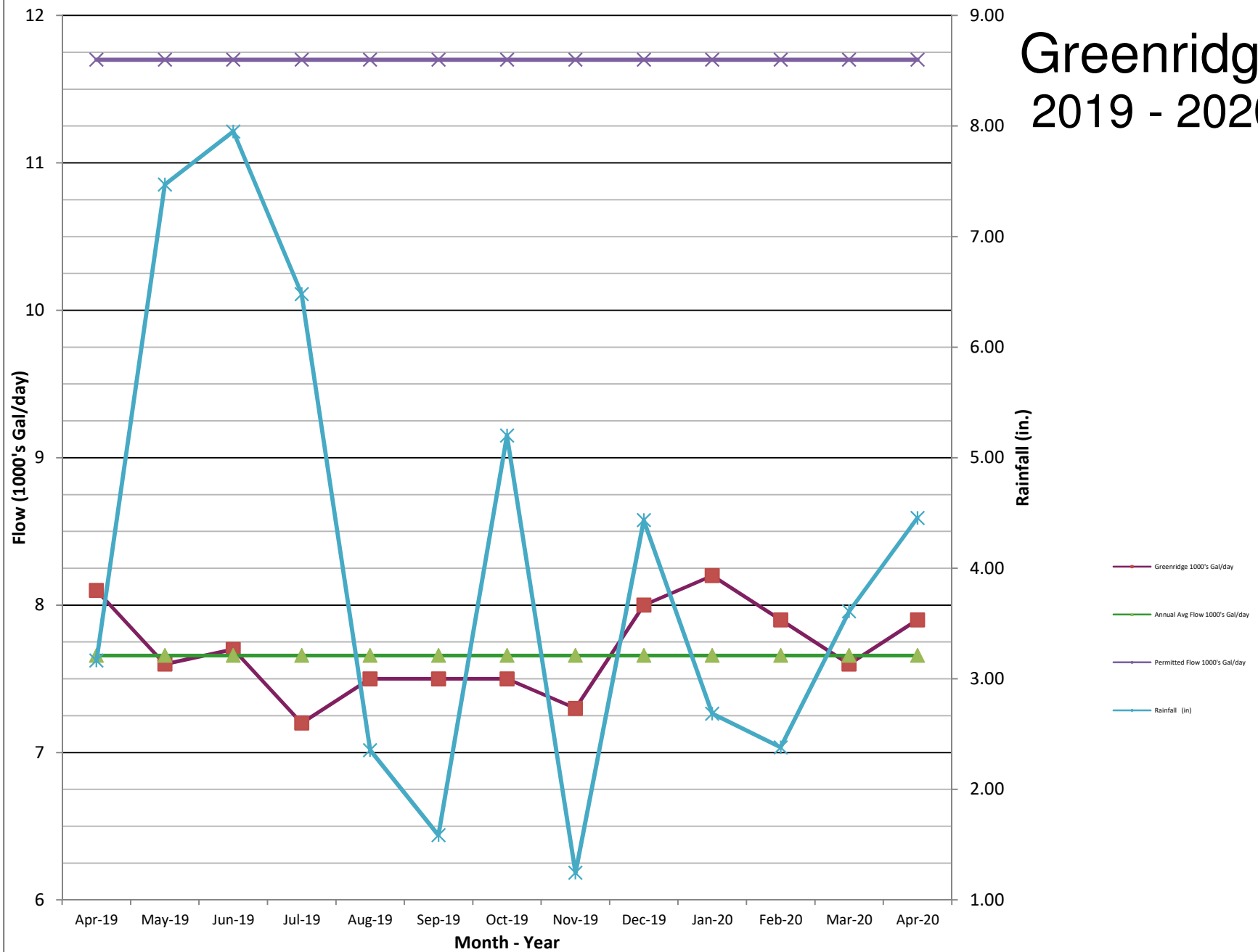
UPPER UWCHLAN MUNICIPAL AUTHORITY
WASTEWATER TREATMENT PLANTS
MONTHLY AVERAGE DAILY FLOWS

Month - Year		Average Daily Flow (MGD)							Rainfall (in)
		Eaglepointe	Greenridge	Lakeridge	Marsh Harbour	Route 100	Saybrooke	St. Andrews	
Apr-19		0.00810	0.00810	0.02670	0.04070	0.36500	0.00820	0.00260	3.17
May-19		0.00830	0.00760	0.02820	0.04250	0.35720	0.00820	0.00260	7.47
Jun-19		0.01020	0.00770	0.02310	0.03990	0.34300	0.00750	0.00200	7.95
Jul-19		0.01040	0.00720	0.02330	0.04040	0.34700	0.00790	0.00170	6.48
Aug-19		0.01090	0.00750	0.02250	0.03820	0.32830	0.00800	0.00140	2.36
Sep-19		0.00850	0.00750	0.02110	0.03630	0.33150	0.00720	0.00140	1.59
Oct-19		0.00990	0.00750	0.02120	0.03730	0.32760	0.00790	0.00250	5.20
Nov-19		0.00960	0.00730	0.02270	0.03850	0.33940	0.00790	0.00240	1.25
Dec-19		0.00820	0.00800	0.02600	0.04310	0.35160	0.00730	0.00240	4.44
Jan-20		0.00870	0.00820	0.02470	0.04180	0.35080	0.00700	0.00230	2.69
Feb-20		0.01030	0.00790	0.02360	0.04060	0.33560	0.00780	0.00250	2.38
Mar-20		0.00670	0.00760	0.02870	0.04370	0.37640	0.00700	0.00290	3.61
Apr-20		0.00420	0.00790	0.03000	0.04720	0.38900	0.00790	0.00270	4.46
Annual Avg Flow =		0.00883	0.00766	0.02459	0.04079	0.34812	0.00763	0.00223	
Permitted Flow =		0.01500	0.01170	0.04000	0.07600	0.60000	0.00920	0.00360	

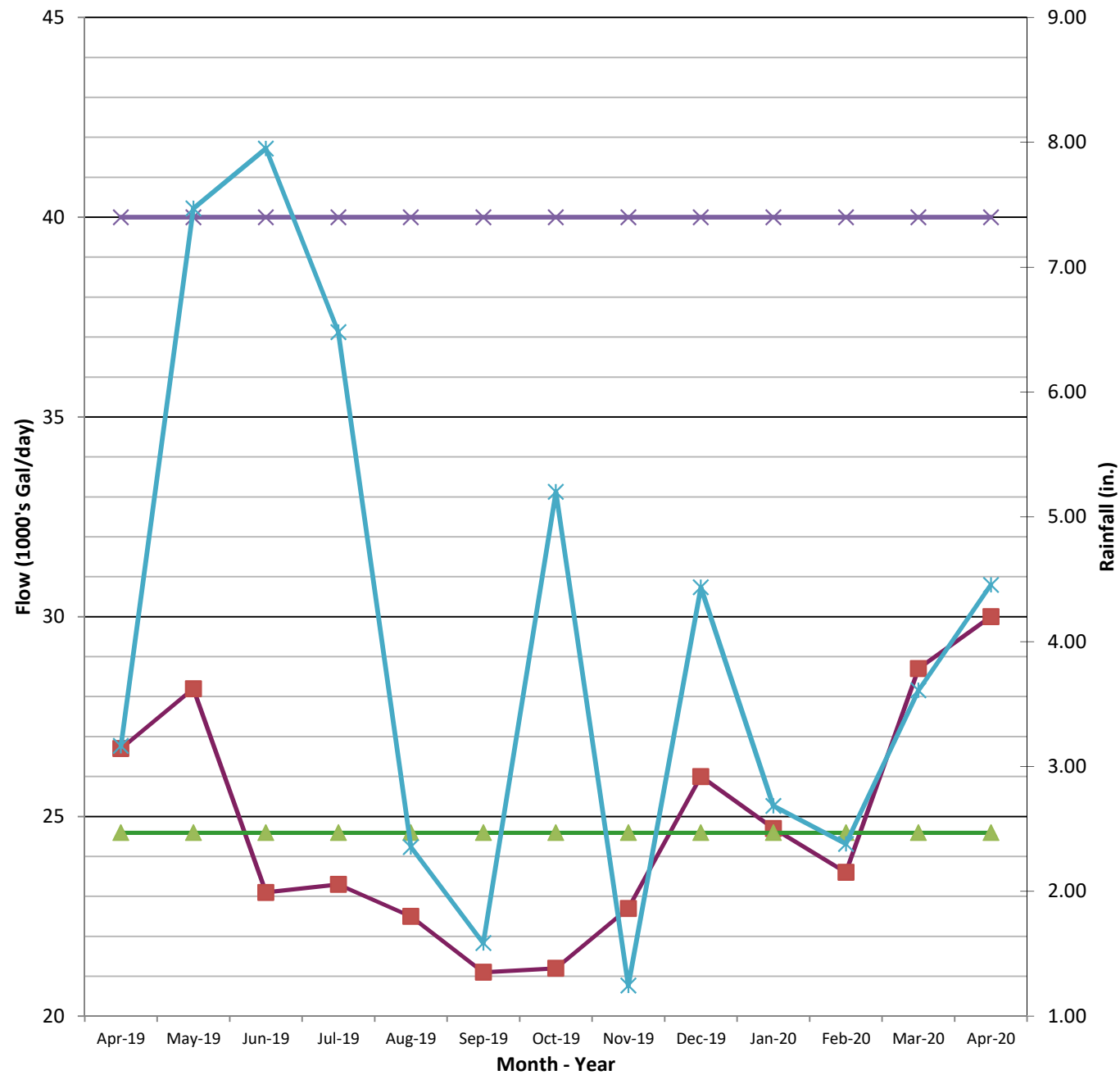
Eaglepointe 2019 - 2020



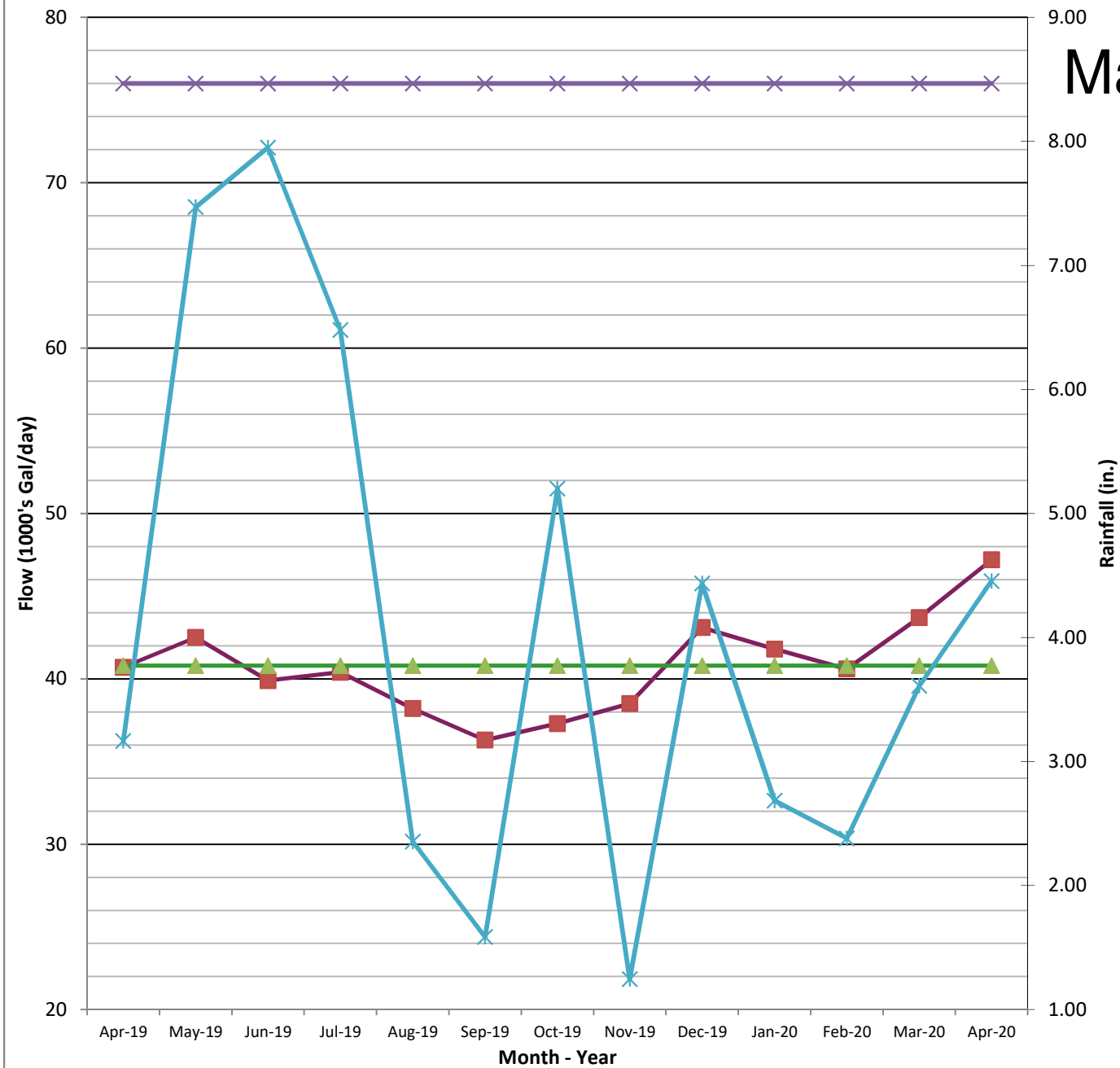
Greenridge 2019 - 2020



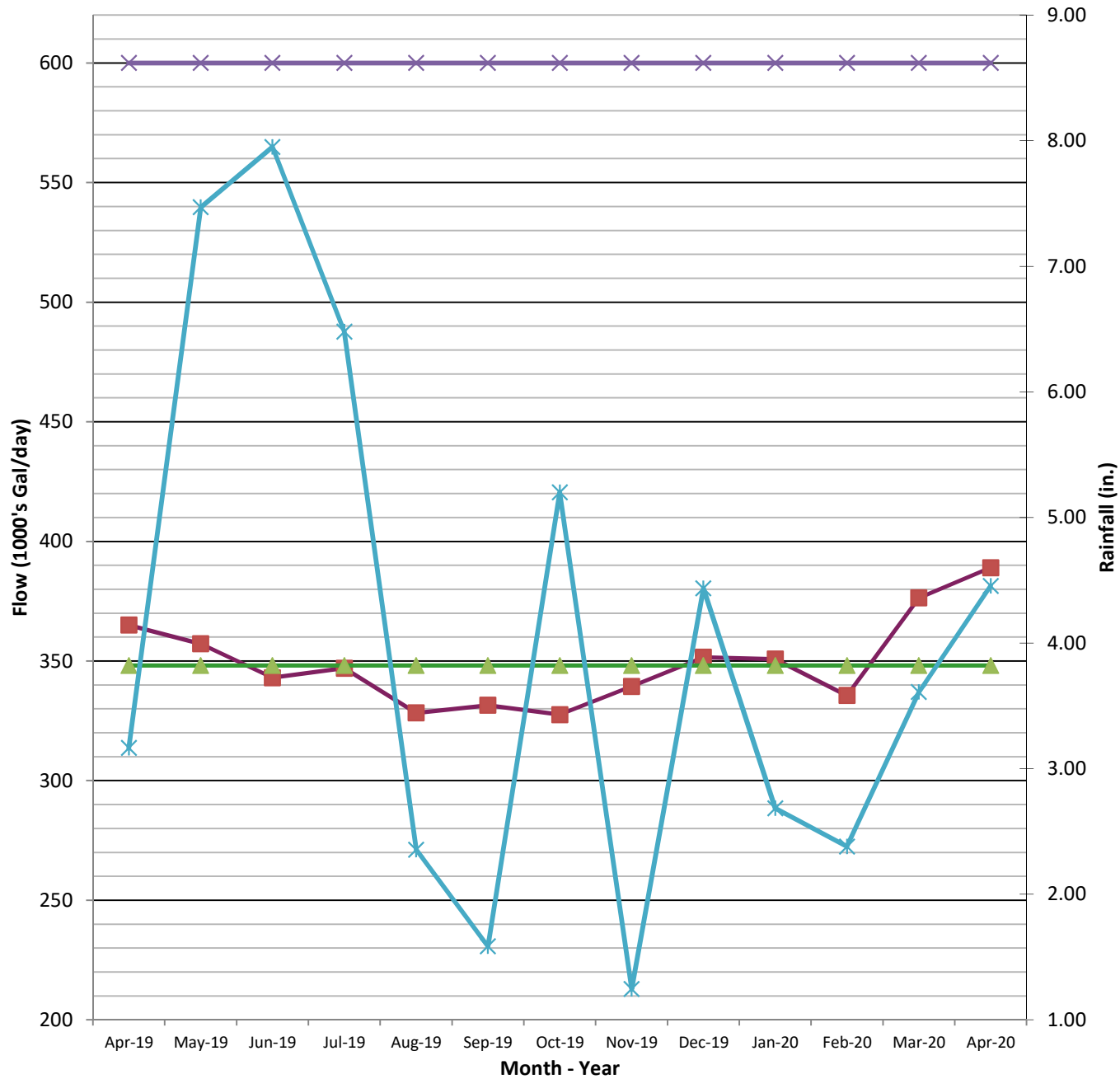
Lakeridge 2019 - 2020



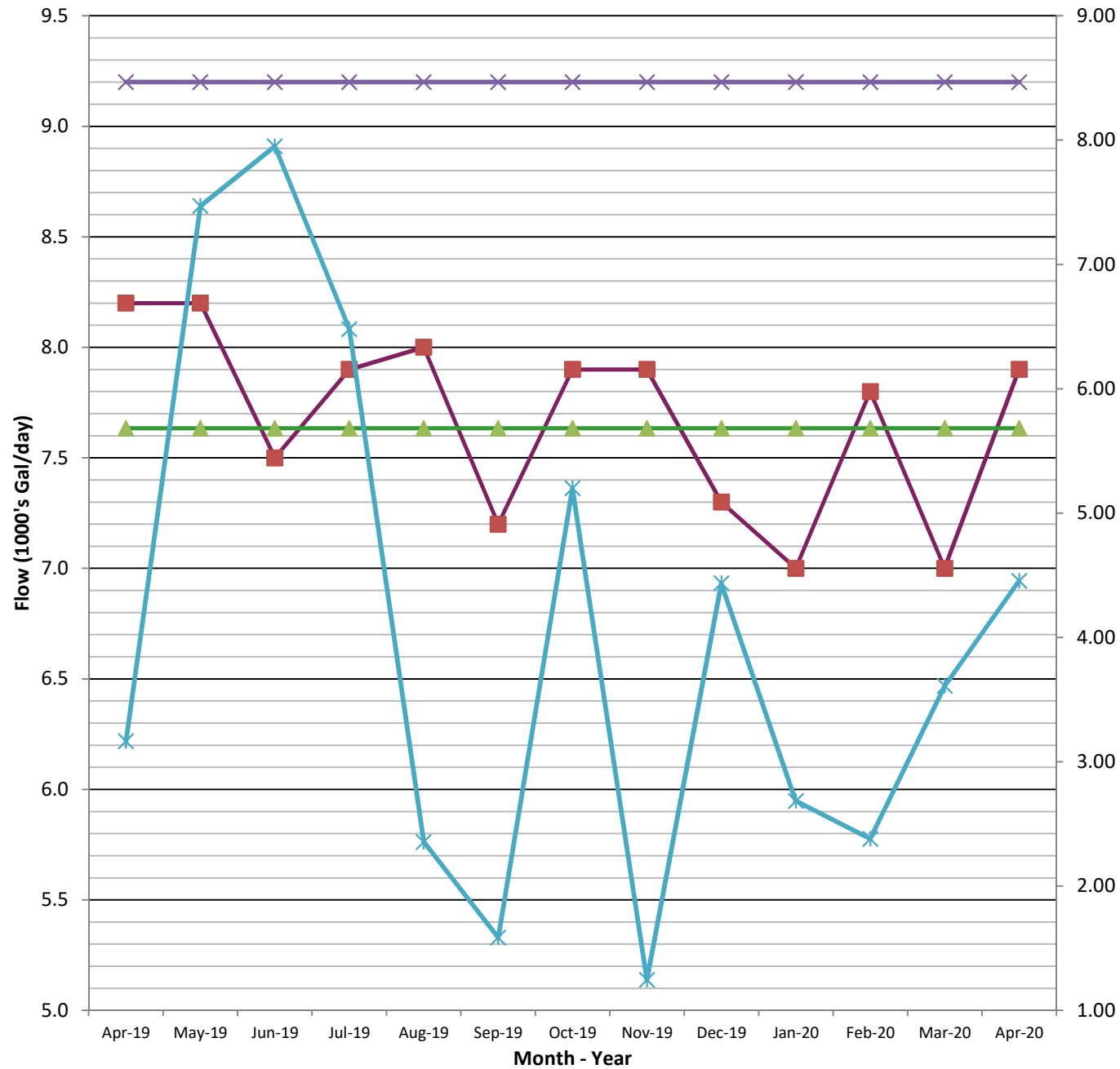
Marsh Harbour 2019 - 2020



Route 100 2019 - 2020

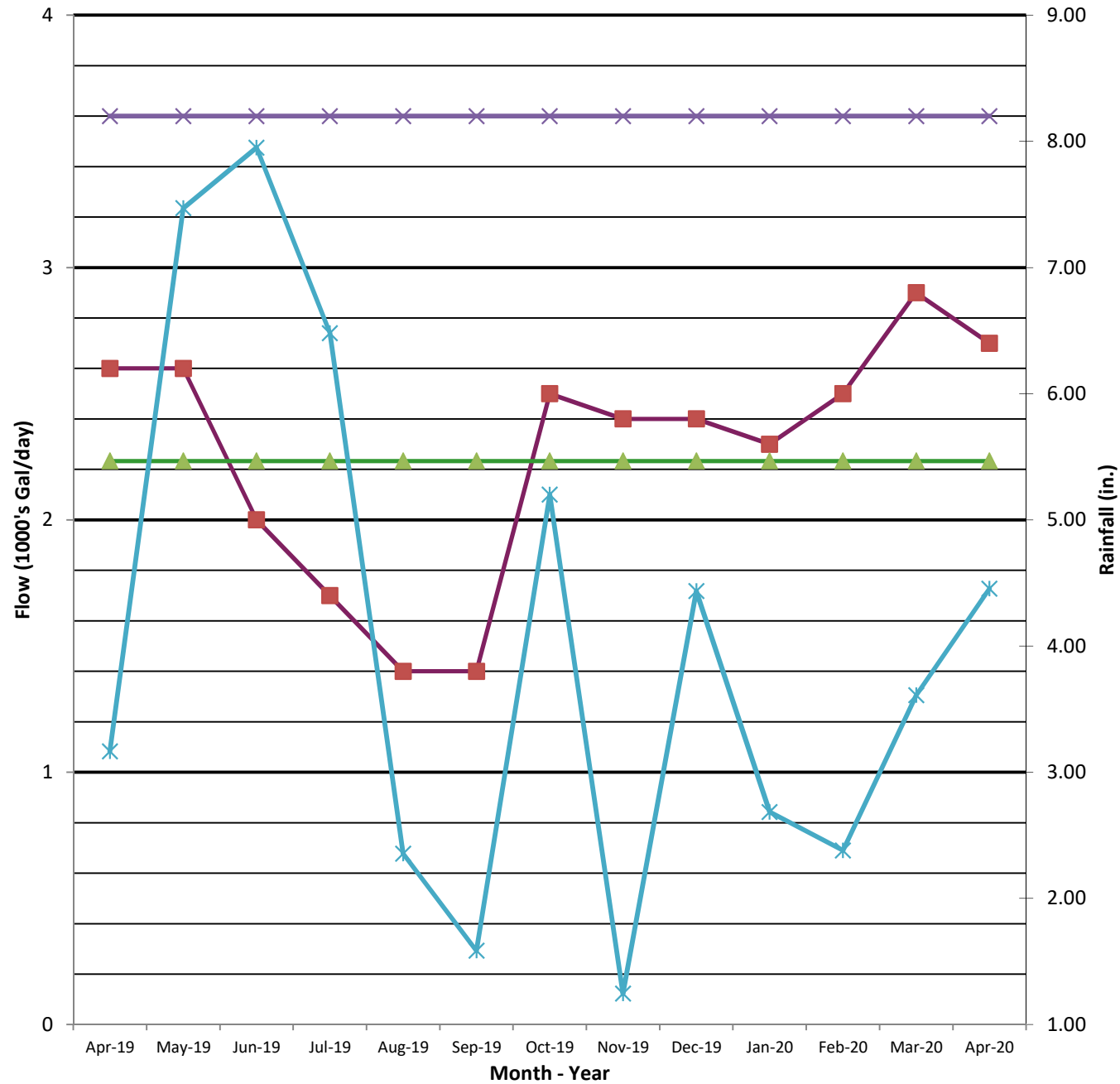


Saybrooke 2019 - 2020



- Saybrooke 1000's Gal/day
- Annual Avg Flow 1000's Gal/day
- Permitted Flow 1000's Gal/day
- Rainfall (in.)

St. Andrews 2019 - 2020





To: Municipal Authority Members

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

Re: Authority Administrator's Report

Date: May 22, 2020

Activities for the month include:

- A. Communication with WWTF Operator and Township Staff regarding operational and maintenance issues.
- B. Preparation of administrative documents for the Authority meeting packet and for the Authority files.
- C. Communication with McKee engineer and ARRO regarding Phase III design of the Route 100 WWTF, collection system and disposal system.
- D. Communication with Township and Township Solicitor regarding gas pipeline issues with respect to septic systems in the Township and assessment of the Meadow Creek collection system.
- E. Communication with PADEP regarding the Eaglepointe WWTF.
- F. Communication with DPW of the Township regarding paving schedules and manhole adjustments.
- G. Communication with developer (6C) and PADEP regarding the Byers Road extension and development connection.
- H. Communication with Clean Water and ARRO regarding implementation of 2020 capital budget.
- I. Communication with ARRO regarding updates to the sewer collection system mapping.

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

PREPARED BY & RETURN TO:
RILEY RIPER HOLLIN & COLAGRECO
Attention: Alyson M. Zarro, Esquire
P.O. Box 1265
717 Constitution Drive, Suite 201
Exton, PA 19341
(610) 458-4400

UPI No.: None Required – Road Right-of-Way

**GRANT OF SANITARY SEWER EASEMENTS
AND DEDICATION OF SANITARY SEWER PIPELINE FACILITIES –
DOMINIC DRIVE, EMMETT LANE AND RADEK COURT
RESERVE AT CHESTER SPRINGS**

THIS GRANT OF SANITARY SEWER EASEMENTS AND DEDICATION OF SANITARY SEWER PIPELINE FACILITIES, made as of this ____ day of _____, 2020 and effective this ____ day of _____, 2020, by and between **TOLL PA IV, L.P.**, a Pennsylvania limited partnership, with offices at 250 Gibraltar Road, Horsham, Pennsylvania 19044 (hereinafter called “Grantor”); and

UPPER UWCHLAN TOWNSHIP, a municipal corporation duly organized pursuant to the Pennsylvania Second Class Township Code, 53 P.S. § 65101, *et seq.*, with offices at 140 Pottstown Pike, Chester Springs, Pennsylvania 19425 (hereinafter called “Grantee”).

BACKGROUND

WHEREAS, Grantor is the legal owner of roads identified as Dominic Drive, Emmett Lane and Radek Court in a certain residential subdivision situated in Upper Uwchlan Township, Chester County, Pennsylvania known as the “Reserve at Chester Springs” (“Property”), which are identified on a plan entitled, “Final Major Subdivision Plan, Reserve at Chester Springs”, prepared by ESE Consultants, Inc. dated October 2, 2014 and last revised August 4, 2016, which was recorded in the Office of the Chester County Recorder of Deeds at Plan No. 20001 (“Final Subdivision Plan”); and

WHEREAS, as part of the development of the Property, certain sanitary sewer pipeline facilities with accessories and appurtenances thereto (“Sanitary Sewer Facilities”) were constructed within Dominic Drive, Emmett Lane and Radek Court; and

WHEREAS, Grantor desires to dedicate and transfer to Grantee easements within Dominic Drive, Emmett Lane and Radek Court for the purposes of inspecting, maintaining, servicing, repairing and replacing the Sanitary Sewer Facilities and to dedicate and transfer the

Sanitary Sewer Facilities located therein to Grantee; and

WHEREAS, Grantee has agreed to accept dedication and transfer of said easements and said Sanitary Sewer Facilities in accordance with the terms and conditions stated herein.

WITNESSETH:

That the said Grantor, for and in consideration of One Dollar (\$1.00) as well as the advantages to it accruing, as well as for divers other consideration affecting the public welfare which it seeks to advance, has granted, bargained, and sold, and by these presents does grant, bargain and sell unto the said Grantee, its successors and assigns, perpetual easements for the purposes of inspecting, maintaining, servicing, repairing and replacing any Sanitary Sewer Facilities situated within the areas identified on the Final Plan as the rights-of-way of Dominic Drive, Emmett Lane and Radek Court, as further corrected by Exhibit "A" attached hereto and made a part hereof and described in Exhibits "B", "C" and "D" attached hereto and made a part hereof ("Sanitary Sewer Easements"). These Sanitary Sewer Easements shall apply to any Sanitary Sewer Facilities within the areas described in Exhibits "B", "C" and "D" attached hereto ("Easement Areas") and all necessary access thereto.

ALL THOSE CERTAIN Sanitary Sewer Easements, located in Upper Uwchlan Township, Chester County, Commonwealth of Pennsylvania, as more particularly described in the metes and bounds legal descriptions attached hereto as Exhibits "B", "C" and "D" and made a part hereof.

TOGETHER WITH transfer of Grantor's right, title and interest in and to the Sanitary Sewer Facilities that are located within the Easement Areas.

UNDER AND SUBJECT, nevertheless to the following:

(a) Grantee shall have the right to excavate within the Easement Areas for the purpose of maintaining, repairing, installing, removing, replacing and enlarging any part or portion of the Sanitary Sewer Facilities, either now existing or hereafter constructed on or within the Easement Areas, subject only to the duty to restore the Easement Areas as nearly as is practicable to the same condition they were in at the time of commencement of such work.

(b) Other conditions, easements and restrictions of record, if any.

TO HAVE AND TO HOLD the Sanitary Sewer Easements and the Sanitary Sewer Facilities, all as above described, unto the said Grantee, its successors and assigns, to and for the only proper use and behoof of said Grantee, its successors and assigns forever, for the purpose of free access to replace, repair, renew, and maintain said Sanitary Sewer Facilities as well as all of the Grantor's right, title and interest and to said Sanitary Sewer Facilities, and for no other use or purpose whatsoever.

UNDER AND SUBJECT, nevertheless to certain conditions, easements and restrictions of record, as aforesaid.

AND FURTHER, that the said Grantor, for itself, its successors and assigns, by these presents covenants, promises and agrees to and with the said Grantee, its successors and assigns, that neither the Grantor, nor its successors or assigns, shall or will at any time hereafter ask, demand or recover or receive of or from the said Grantee, its successors and assigns, any sum or sums of money as and for damages for or by reason of the transfer of ownership of Grantor's right, title and interest in and to the Sanitary Sewer Facilities as now established by the Grantee, and by reason of this Grant.

AND FURTHER, that the said Grantor, for itself, and its successors and assigns, by these presents further covenant, promise and agree to **WARRANT AND FOREVER DEFEND** the Grantee, its successors and assigns, against any and all person or persons whomsoever, lawfully claiming or to claim the Sanitary Sewer Facilities above described or any part thereof, by, from or under him, her, them or any of them.

SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, Grantor and Grantee have caused this instrument to be executed by their respective duly authorized officers the day and year above written.

ACCEPTED by Upper Uwchlan Township on _____, 2020.

GRANTOR:

TOLL PA IV, L.P., a Pennsylvania limited partnership
BY: TOLL MID-ATLANTIC LP
COMPANY, INC., a Delaware corporation,
its general partner

By: _____

Name: _____

Title: _____

JUSTIN K HUNT
LAND DEVELOPMENT MANAGER

Attest:

GRANTEE:

UPPER UWCHLAN TOWNSHIP

By: _____

Name: _____

Title: _____

By: _____

Sandra M. D'Amico

Chairperson, Board of Supervisors

ACKNOWLEDGMENT

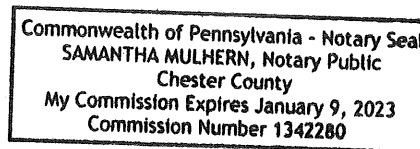
COMMONWEALTH OF PENNSYLVANIA)
)
COUNTY OF CHESTER) ss.

On the 19th day of May, 2020, before me, a Notary Public in and for the above County and State, personally appeared Justin Hunt, who acknowledged him/herself to be the Land Development Manager of TOLL MID-ATLANTIC LP COMPANY, INC., a Delaware corporation, general partner of Toll PA IV, L.P., a Pennsylvania limited partnership, and that s/he as such officer executed the foregoing instrument for the purposes therein contained upon full and due authority.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Samantha Mulhern
Notary Public

My Commission Expires:



ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA)
) ss.
COUNTY OF CHESTER)

On the _____ day of _____, 2020, before me, a Notary Public in and for the above County and State, personally appeared Sandra M. D’Amico, who acknowledged herself to be the Chairperson of the Upper Uwchlan Township Board of Supervisors, and that she as such officer executed the foregoing instrument for the purposes therein contained upon full and due authority.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Notary Public

My Commission Expires:

EXHIBIT "A"

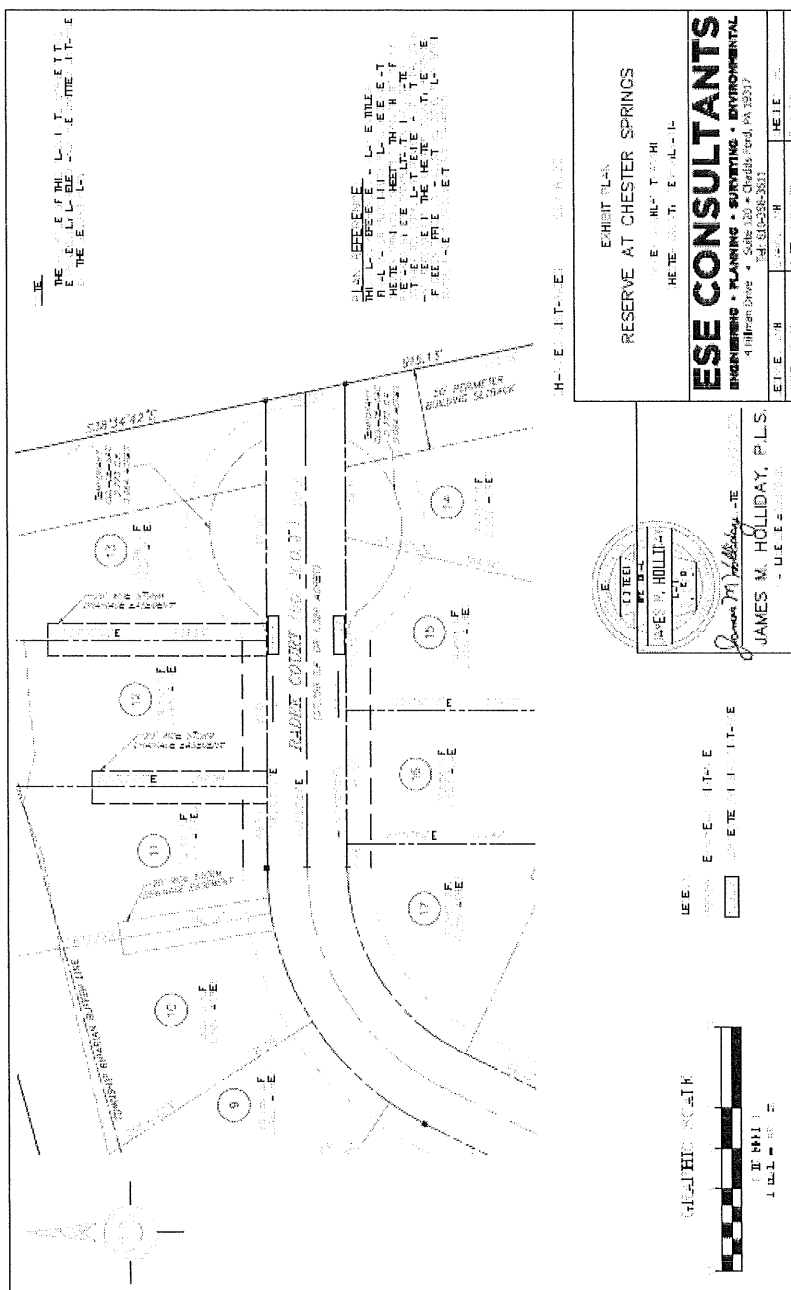


EXHIBIT " B "



March 1, 2018

DESCRIPTION OF PROPERTY DOMINIC DRIVE (VARIABLE WIDTH AND 50' R.O.W.) RESERVE AT CHESTER SPRINGS

All that certain parcel of land situated in the Township of Upper Uwchlan, County of Chester, and Commonwealth of Pennsylvania, as shown on a plan entitled, "Final Major Subdivision Plan, Reserve at Chester Springs", sheets 1 through 83 of 83, prepared by ESE Consultants, Inc., dated October 02, 2014, last revised August 4, 2016 and recorded in the Chester County Recorder of Deeds Office on August 15, 2016, Plan Book 20001, Page 1 and Document No. 11490838, more particularly described as follows:

Beginning at a corner of Open Space Lot 64 on the northerly side of Little Conestoga Road (S.R. 4016) (Variable Width R.O.W.) and running;

1. Along said northerly side, and along the beginning of Dominic Drive (Variable Width and 50' R.O.W.), passing along an arc of a circle curving to the left, having a radius of 1005.00 feet, an arc distance of 153.88 feet, a chord bearing of North 81 degrees 47 minutes 05 seconds West, a chord distance of 153.73 feet to a corner of Open Space lot 65, a point of cusp; thence
2. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 37.47 feet, a chord bearing of North 50 degrees 53 minutes 47 seconds East, a chord distance of 34.06 feet to a point of tangency on the westerly side of Dominic Drive; thence
3. Along said westerly side, the following four (4) courses and distances, North 07 degrees 57 minutes 51 seconds East, a distance of 23.78 feet to a point of curve; thence
4. Passing along an arc of a circle curving to the left, having a radius of 460.00 feet, an arc distance of 43.88 feet, a chord bearing of North 05 degrees 13 minutes 52 seconds East, a chord distance of 43.86 feet to a point of tangency; thence
5. North 02 degrees 29 minutes 54 seconds East, a distance of 122.60 feet to a point of curve; thence
6. Passing along an arc of a circle curving to the right, having a radius of 190.00 feet, an arc distance of 253.03 feet, a chord bearing of North 40 degrees 39 minutes 02 seconds East, a chord distance of 234.75 feet to a point of compound curve on the northerly side of Dominic Drive; thence
7. Along said northerly side and passing along the beginning of Radek Court (50' R.O.W.), passing along an arc of a circle curving to the right, having a radius of 190.00 feet, an arc distance of 20.55 feet, a chord bearing of North 81 degrees 54 minutes 05 seconds East, a chord distance of 20.54 feet to a point of tangency; thence
8. North 85 degrees 00 minutes 00 seconds East, a distance of 26.79 feet; thence
9. South 05 degrees 00 minutes 00 seconds East, a distance of 14.20 feet; thence
10. North 85 degrees 00 minutes 00 seconds East, a distance of 45.81 feet to a corner of Lot 37; thence
11. Along said northerly side, the following six (6) courses and distances, South 85 degrees 20 minutes 52 seconds East, a distance of 31.08 feet to a point of curve; thence
12. Passing along an arc of a circle curving to the right, having a radius of 525.00 feet, an arc distance of 179.27 feet, a chord bearing of South 77 degrees 46 minutes 57 seconds East, a chord distance of 178.40 feet to a point of tangency; thence
13. South 68 degrees 00 minutes 00 seconds East, a distance of 163.04 feet to a point of curve; thence
14. Passing along an arc of a circle curving to the left, having a radius of 125.00 feet, an arc distance of 131.78 feet, a chord bearing of North 81 degrees 47 minutes 55 seconds East, a chord distance of 125.76 feet to a point of tangency; thence

ESE Consultants, Inc.

250 Gibraltar Road, Suite 2E - Horsham, PA 19044

p: 215.914.2050 - f: 215.293.5489

Description of Property
Dominic Drive (Variable Width and 50' R.O.W.)
Reserve at Chester Springs
March 1, 2018

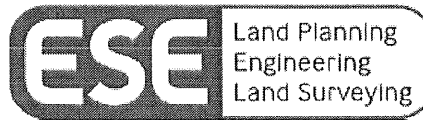
15. North 51 degrees 35 minutes 51 seconds East, a distance of 168.40 feet to a point of curve; thence
16. Passing along an arc of a circle curving to the left, having a radius of 150.00 feet, an arc distance of 235.62 feet, a chord bearing of North 06 degrees 35 minutes 51 seconds East, a chord distance of 212.13 feet to a point of tangency on the westerly side of Dominic Drive; thence
17. Along said westerly side, North 38 degrees 24 minutes 09 seconds West, a distance of 95.00 feet; thence
18. Continuing along said westerly side and along the beginning of Emmett Lane (50' R.O.W.), North 38 degrees 24 minutes 09 seconds West, a distance of 100.00 feet to a corner of Lot 57; thence
19. Still along said westerly side, the following two (2) courses and distances, North 38 degrees 24 minutes 09 seconds West, a distance of 146.23 feet to a point of curve; thence
20. Passing along an arc of circle curving to the left, having a radius of 125.00 feet, an arc distance of 114.70 feet, a chord bearing of North 64 degrees 41 minutes 26 seconds West, a chord distance of 110.72 feet to a point of tangency on the southerly side of Dominic Drive; thence
21. Along said southerly side, the following two (2) courses and distances, South 89 degrees 01 minutes 17 seconds West, a distance of 300.29 feet to a point of curve; thence
22. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of South 44 degrees 01 minutes 17 seconds West, a chord distance of 35.36 feet to a corner of Lot 61 on the easterly side of Radek Court; thence
23. Along said easterly side and passing along the beginning of Dominic Drive, North 00 degrees 58 minutes 43 seconds West, a distance of 100.00 feet to a corner of Lot 18, a point of cusp; thence
24. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of South 45 degrees 58 minutes 43 seconds East, a chord distance of 35.36 feet to a point of tangency on the northerly side of Dominic Drive; thence
25. Along said northerly side, the following four (4) courses and distances, North 89 degrees 01 minutes 17 seconds East, a distance of 300.29 feet to a point of curve; thence
26. Passing along an arc of a circle curving to the right, having a radius of 175.00 feet, an arc distance of 160.58 feet, a chord bearing of South 64 degrees 41 minutes 26 seconds East, a chord distance of 155.01 feet to a point of tangency; thence
27. South 38 degrees 24 minutes 09 seconds East, a distance of 341.23 feet to a point of curve; thence
28. Passing along an arc of a circle curving to the right, having a radius of 200.00 feet, an arc distance of 314.16 feet, a chord bearing of South 06 degrees 35 minutes 51 seconds West, a chord distance of 282.84 feet to a point of tangency on the southerly side of Dominic Drive; thence
29. Along said southerly side, the following eight (8) courses and distances, South 51 degrees 35 minutes 51 seconds West, a distance of 168.40 feet to a point of curve; thence
30. Passing along an arc of a circle curving to the right, having a radius of 175.00 feet, an arc distance of 184.49 feet, a chord bearing of South 81 degrees 47 minutes 55 seconds West, a chord distance of 176.06 feet to a point of tangency; thence
31. North 68 degrees 00 minutes 00 seconds West, a distance of 163.04 feet to a point of curve; thence
32. Passing along an arc of a circle curving to the left, having a radius of 475.00 feet, an arc distance of 162.38 feet, a chord bearing of North 77 degrees 47 minutes 36 seconds West, a chord distance of 161.59 feet; thence
33. South 02 degrees 24 minutes 49 seconds West, a distance of 15.00 feet; thence
34. Passing along an arc of a circle curving to the left, having a radius of 460.00 feet, an arc distance of 59.52 feet, a chord bearing of South 88 degrees 42 minutes 24 seconds West, a chord distance of 59.48 feet to a point of tangency; thence
35. South 85 degrees 00 minutes 00 seconds West, a distance of 35.30 feet to a point of curve; thence
36. Passing along an arc of a circle curving to the left, having a radius of 110.00 feet, an arc distance of 158.39 feet, a chord bearing of South 43 degrees 44 minutes 57 seconds West, a chord distance of 145.06 feet to a point of tangency on the easterly side of Dominic Drive; thence

Description of Property
Dominic Drive (Variable Width and 50' R.O.W.)
Reserve at Chester Springs
March 1, 2018

37. Along said easterly side, the following three (3) courses and distances, South 02 degrees 29 minutes 54 seconds West, a distance of 122.60 feet to a point of curve; thence
38. Passing along an arc of a circle curving to the right, having a radius of 540.00 feet, an arc distance of 46.58 feet, a chord bearing of South 04 degrees 58 minutes 10 seconds West, a chord distance of 46.56 feet to a point of reverse curve; thence
39. Passing along an arc of a circle curving to the left, having a radius of 55.00 feet, an arc distance of 81.44 feet, a chord bearing of South 34 degrees 58 minutes 44 seconds East, a chord distance of 74.20 feet (calculated) to the first mentioned point and place of beginning

Containing 130,315 square feet or 2.991 acres of land.
Subject to easements and restrictions of record, if any.
Description prepared by ESE Consultants, Inc., Horsham, Pa 19044.

EXHIBIT " C "



March 1, 2018

DESCRIPTION OF PROPERTY EMMETT LANE (50' R.O.W.) RESERVE AT CHESTER SPRINGS

All that certain parcel of land situated in the Township of Upper Uwchlan, County of Chester, and Commonwealth of Pennsylvania, as shown on a plan entitled, "Final Major Subdivision Plan, Reserve at Chester Springs", sheets 1 through 83 of 83, prepared by ESE Consultants, Inc., dated October 02, 2014, last revised August 4, 2016 and recorded in the Chester County Recorder of Deeds Office on August 15, 2016, Plan Book 20001, Page 1 and Document No. 11490838, more particularly described as follows:

Beginning at a corner of Lot 57 on the southerly side of Dominic Drive (50' R.O.W.) and running;

1. Along said southerly side, and along the beginning of Emmett Lane, South 38 degrees 24 minutes 09 seconds East, a distance of 100.00 feet to a corner of Lot 46, a point of cusp; thence
2. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of North 83 degrees 24 minutes 09 seconds West, a chord distance of 35.36 feet to a point of tangency on the southerly side of Emmett Lane; thence
3. Along said southerly side, the following six (6) courses and distances, South 51 degrees 35 minutes 51 seconds West, a distance of 104.49 feet to a point of curve; thence
4. Passing along an arc of a circle curving to the right, having a radius of 225.00 feet, an arc distance of 177.43 feet, a chord bearing of South 74 degrees 11 minutes 17 seconds West, a chord distance of 172.86 feet to a point of tangency; thence
5. North 83 degrees 13 minutes 17 seconds West, a distance of 161.79 feet to a point of curve; thence
6. Passing along an arc of a circle curving to the right, having a radius of 525.00 feet, an arc distance of 57.85 feet, a chord bearing of North 80 degrees 03 minutes 54 seconds West, a chord distance of 57.82 feet to a point of tangency; thence
7. North 76 degrees 54 minutes 30 seconds West, a distance of 76.95 feet to a point of curve; thence
8. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of South 58 degrees 05 minutes 30 seconds West, a chord distance of 35.36 feet to a corner of Lot 52 on the easterly side of Radek Court (50' R.O.W.), a point of cusp; thence
9. Along said easterly side and passing along the beginning of Radek Court, North 13 degrees 05 minutes 30 seconds East, a distance of 100.00 feet to a corner of Lot 53, a point of cusp; thence
10. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of South 31 degrees 54 minutes 30 seconds East, a chord distance of 35.36 feet to a point of tangency on the northerly side of Emmett Lane; thence
11. Along said northerly side, the following six (6) courses and distances, South 76 degrees 54 minutes 30 seconds East, a distance of 76.95 feet to a point of curve; thence
12. Passing along an arc of a circle curving to the left, having a radius of 475.00 feet, an arc distance of 52.34 feet, a chord bearing of South 80 degrees 03 minutes 54 seconds East, a chord distance of 52.31 feet to a point of tangency; thence
13. South 83 degrees 13 minutes 17 seconds East, a distance of 161.79 feet to a point of curve; thence

ESE Consultants, Inc.

250 Gibraltar Road, Suite 2E - Northham, PA 19044

p: 215.914.2050 - f: 215.293.5489

Description of Property
Emmett Lane (50' R.O.W.)
Reserve at Chester Springs
March 1, 2018

14. Passing along an arc of a circle curving to the left, having a radius of 175.00 feet, an arc distance of 138.00 feet, a chord bearing of North 74 degrees 11 minutes 17 seconds East, a chord distance of 134.45 feet to a point of tangency; thence
15. North 51 degrees 35 minutes 51 seconds East, a distance of 104.49 feet to a point of curve; thence
16. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 39.27 feet, a chord bearing of North 06 degrees 35 minutes 51 seconds East, a chord distance of 35.36 feet to the first mentioned point and place of beginning.

Containing 30,839 square feet or 0.708 acres of land.
Subject to easements and restrictions of record, if any.
Description prepared by ESE Consultants, Inc., Horsham, Pa 19044.

EXHIBIT " D "



March 1, 2018

DESCRIPTION OF PROPERTY RADEK COURT (50' R.O.W.) RESERVE AT CHESTER SPRINGS

All that certain parcel of land situated in the Township of Upper Uwchlan, County of Chester, and Commonwealth of Pennsylvania, as shown on a plan entitled, "Final Major Subdivision Plan, Reserve at Chester Springs", sheets 1 through 83 of 83, prepared by ESE Consultants, Inc., dated October 02, 2014, last revised August 4, 2016 and recorded in the Chester County Recorder of Deeds Office on August 15, 2016, Plan Book 20001, Page 1 and Document No. 11490838, more particularly described as follows:

Beginning at a corner of Lot 37 on the northerly side of Dominic Drive (50' R.O.W.) and running;

1. Along said northerly side, and along the beginning of Radek Court, the following four (4) courses and distances, South 85 degrees 00 minutes 00 seconds West, a distance of 45.81 feet; thence
2. North 05 degrees 00 minutes 00 seconds West, a distance of 14.20 feet; thence
3. South 85 degrees 00 minutes 00 seconds West, a distance of 26.79 feet to a point of curve; thence
4. Passing along an arc of a circle curving to the left, having a radius of 190.00 feet, an arc distance of 20.55 feet, a chord bearing of South 81 degrees 54 minutes 05 seconds West, a chord distance of 20.54 feet to a corner of Lot 1, a point of cusp; thence
5. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 36.57 feet, a chord bearing of North 36 degrees 54 minutes 05 seconds East, a chord distance of 33.39 feet to a point of tangency on the westerly side of Radek Court; thence
6. Along said westerly side, the following six (6) courses and distances, North 05 degrees 00 minutes 00 seconds West, a distance of 122.09 feet to a point of curve; thence
7. Passing along an arc of a circle curving to the right, having a radius of 225.00 feet, an arc distance of 71.05 feet, a chord bearing of North 04 degrees 02 minutes 45 seconds East, a chord distance of 70.75 feet to a point of tangency; thence
8. North 13 degrees 05 minutes 30 seconds East, a distance of 128.19 feet to a point of curve; thence
9. Passing along an arc of a circle curving to the left, having a radius of 125.00 feet, an arc distance of 30.70 feet, a chord bearing of North 06 degrees 03 minutes 23 seconds East, a chord distance of 30.62 feet to a point of tangency; thence
10. North 00 degrees 58 minutes 43 seconds West, a distance of 309.86 feet to a point of curve; thence
11. Passing along an arc of a circle curving to the right, having a radius of 175.00 feet, an arc distance of 195.41 feet, a chord bearing of North 31 degrees 00 minutes 39 seconds East, a chord distance of 185.42 feet to a point of tangency on the northerly side of Radek Court; thence
12. Along said northerly side, North 63 degrees 00 minutes 00 seconds East, a distance of 286.81 feet to a point on line of T.M.P. No. 32-003-0016; thence
13. Along T.M.P. No. 32-003-0016 and passing through the bed of Radek Court, South 38 degrees 34 minutes 42 seconds East, a distance of 51.04 (calculated) to a corner of Lot 14 on the southerly side of Radek Court; thence
14. Along said southerly side, the following two (2) courses and distances, South 63 degrees 00 minutes 00 seconds West, a distance of 297.04 feet to a point of curve; thence
15. Passing along an arc of a circle curving to the left, having a radius of 125.00 feet, an arc distance of 139.58 feet, a chord bearing of South 31 degrees 00 minutes 39 seconds West, a chord distance of 132.44 feet to a point of tangency on the easterly side of Radek Court; thence

ESE Consultants, Inc.

250 Gibraltar Road, Suite 2E - Horsham, PA 19044

p: 215.914.2050 • f: 215.293.5489

Description of Property
Radek Court (50' R.O.W.)
Reserve at Chester Springs
March 1, 2018

16. Along said easterly side, South 00 degrees 58 minutes 43 seconds East, a distance of 73.72 feet; thence
17. Continuing along said easterly side and passing along the beginning of Dominic Drive (50' R.O.W.), South 00 degrees 58 minutes 43 seconds East, a distance of 100.00 feet to a corner of Lot 61; thence
18. Still along said easterly side, the following three (3) courses and distances, South 00 degrees 58 minutes 43 seconds East, a distance of 136.14 feet to a point of curve; thence
19. Passing along an arc of a circle curving to the right, having a radius of 175.00 feet, an arc distance of 42.97 feet, a chord bearing of South 06 degrees 03 minutes 23 seconds West, a chord distance of 42.87 feet to a point of tangency; thence
20. South 13 degrees 05 minutes 30 seconds West, a distance of 14.10 feet; thence
21. Continuing along said easterly side and along the beginning of Emmett Lane (50' R.O.W.), South 13 degrees 05 minutes 30 seconds West, a distance of 100.00 feet to a corner of Lot 52; thence
22. Continuing along said easterly side, the following four (4) courses and distances, South 13 degrees 05 minutes 30 seconds West, a distance of 14.10 feet to a point of curve; thence
23. Passing along an arc of a circle curving to the left, having a radius of 175.00 feet, an arc distance of 55.26 feet, a chord bearing of South 04 degrees 02 minutes 45 seconds West, a chord distance of 55.03 feet to a point of tangency; thence
24. South 05 degrees 00 minutes 00 seconds East, a distance of 135.39 feet to a point of curve; thence
25. Passing along an arc of a circle curving to the left, having a radius of 25.00 feet, an arc distance of 35.06 feet, a chord bearing of South 45 degrees 10 minutes 26 seconds East, a chord distance of 32.26 feet to the first mentioned point and place of beginning.

Containing 57,759 square feet or 1.326 acres of land.
Subject to easements and restrictions of record, if any.
Description prepared by ESE Consultants, Inc., Horsham, Pa 19044.

MAINTENANCE SECURITY AGREEMENT

RESERVE AT CHESTER SPRINGS (F/K/A FRAME PROPERTY) SANITARY SEWER IMPROVEMENTS

KNOW ALL MEN BY THESE PRESENTS, that TOLL PA IV, L.P., a Pennsylvania limited partnership with offices at 250 Gibraltar Road, Horsham, PA 19044 (hereinafter "Developer") is held and firmly bound unto UPPER UWCHLAN TOWNSHIP (hereinafter "Township") and the UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY (hereinafter "Authority") with offices at 140 Pottstown Pike, Chester Springs, Pennsylvania 19425, in the sum of FORTY THREE THOUSAND FIVE HUNDRED SEVENTY-SIX AND 27/100 (\$43,576.27) Dollars, lawful money of the United States of America, to be paid to the said Township, its successors and assigns, should the Developer fail to comply with the terms hereof and payment of which is secured by a Maintenance Bond established with FEDERAL INSURANCE COMPANY (hereinafter "Surety").

PURPOSE OF AGREEMENT: The Developer has applied for and obtained permission to develop and subdivide certain lands, known as "Reserve at Chester Springs (f/k/a Frame Property)", as more fully described in a plan entitled "Final Major Subdivision Plan, Reserve at Chester Springs" prepared by ESE Consultants, Inc. dated October 2, 2014 and last revised August 4, 2016, which was recorded in the Office of the Chester County Recorder of Deeds in Plan Book No. 20001 ("Final Plan"). The Developer has installed, constructed and completed certain public sanitary improvements in the Reserve at Chester Springs, which are set forth on Exhibit "A" attached hereto and made a part hereof (hereinafter "Improvements") and which are more fully depicted on plans entitled "Final As-Built Storm and San. Plan" prepared by ESE Consultants Inc., consisting of the following sheets: Sheet 1, Dominic Drive Sta. 0+00 to Sta. 12+50, dated October 22, 2019; Sheet 2, Dominic Drive Sta. 12+50 to Sta. 23+26.97, dated October 22, 2019; Sheet 3, Radek Court Sta. 0+00 to Sta. 10+99.87, dated October 22, 2019; and Sheet 4, Emmett Lane Sta. 0+00 to Sta. 6+56.04, dated October 22, 2019; and "Final Utility As-Built Plan" prepared by ESE Consultants, Inc., dated September 19, 2019.

The Developer has offered to dedicate said Improvements to the Township.

It is a condition of acceptance that the Developer give appropriate security to secure the structural integrity of said Improvements, as well as the functioning thereof in accordance with the design and specifications as depicted on the Final Plan. Said security is given in the form of a bond and said bond is attached hereto as Exhibit "B" and made a part hereof ("Maintenance Bond").

NOW, THEREFORE, the conditions of this obligation is such that if the Developer shall well and truly repair or replace all defects in workmanship and materials appearing in the Improvements and shall repair all defects and damage caused by lack of structural integrity or failure of the Improvements to function in accordance with the design and specifications as depicted in the Final Plan where said defects appear, within eighteen (18) months from the date hereof, then and in that event this obligation shall be null and void; otherwise, it shall remain in full force, virtue and effect.

Although the Maintenance Bond is limited to fifteen (15%) percent of the cost of said Improvements, the Developer shall be liable, nevertheless, for the full costs of repair or replacement due to defects in workmanship and materials appearing in the Improvements and for the full cost of repair of all defects or damage caused by lack of structural integrity or failure of the Improvements to function in accordance with the design and specifications as depicted on the Final Plan where said defects appear within eighteen (18) months.

The Township and the Authority shall not proceed against the Developer under this Agreement unless notice of any defective condition or failure of the Improvements to function in accordance with the Final Plans has been given within said eighteen (18) month period. The Township and the Authority shall give said notice to the Developer and the Surety as soon as practical after the Township and the Authority have actual notice of the said condition.

The Developer shall inform the Township and the Authority in writing within ten (10) days of receipt of notice of a condition requiring repair work or replacement of material of its intention to proceed therewith. If the Developer's communication is not received, the Township and the Authority may proceed to recover their claim from the Developer pursuant to the terms of the Maintenance Bond. The Developer shall have thirty (30) days from the Township's and the Authority's notice within which to commence any repair work or replacement of material. If said work or replacement is not commenced within said thirty (30) days or if said work is not diligently pursued and continued, the Township and the Authority in addition to any other legal or equitable remedies it has, shall draw down the required financial security and cure the Developer's default by withdrawing from the established security so much thereof as is necessary to cure the Developer's default, up to the full amount thereof. The Township and the Authority shall represent to the Surety that the Township and the Authority have delivered the required notice and opportunity to cure to the Developer, described hereinabove, when the Township and the Authority proceeds against the financial security.

All notices given hereunder shall be by certified mail, return receipt requested. The addresses for service of notice are as follows:

Developer:	Toll PA IV, L.P. 250 Gibraltar Road Horsham, PA 19044
Township:	140 Pottstown Pike Chester Springs, PA 19425 Attn: Township Manager
Authority:	140 Pottstown Pike Chester Springs, PA 19425 Attn: Authority Administrator
Surety:	Federal Insurance Company c/o Simkiss and Block

2 Paoli Office Park
Paoli, PA 19301

The financial security remaining after the completion and acceptance of any maintenance work required under the terms of this Agreement, and upon completion of all conditions of this Agreement, including expiration of the eighteen (18) month period hereof, shall be released to the Developer, within a reasonable period of time after the Township and the Authority determine compliance with all provisions of the Agreement.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound hereby, have executed this Maintenance Security Agreement this _____ day of _____, 2020.

TOLL PA IV, L.P., a Pennsylvania
limited partnership
By: TOLL MID-ATLANTIC LP COMPANY,
INC., a Delaware corporation, its general partner

Witness:

By: Samantha Mulhern
Name: Samantha Mulhern
Title: Project Administrator

By: Justin K Hunt
Name: JUSTIN K HUNT
Title: LAND DEVELOPMENT MANAGER

Attest:

UPPER UWCHLAN TOWNSHIP

By: _____

Sandra M. D'Amico, Chair

Jamie W. Goncharoff, Vice-Chair

Jennifer F. Baxter

UPPER UWCHLAN TOWNSHIP MUNICIPAL
AUTHORITY

Attest:

By: _____

Donald Carlson, Chair

1131777.1

TOLL BROTHERS, INC. RESERVE CHESTER SPRINGS UPPER LEBANON TOWNSHIP CHESTER COUNTY, PA											
SANITARY SEWER MAINTENANCE - ONSITE & OFFSITE											
4872014											
DESCRIPTION	QUANTITY	UNIT	UNITS	TOTAL \$	CURRENT ESCROW RELEASE		ESCROW RELEASE TO DATE (INCL. THIS PERIOD)		ESCROW REMAINING		%
					QUANTITY	TOTAL \$	QUANTITY	TOTAL \$	QUANTITY	TOTAL \$	
A. SANITARY SEWER - OFFSITE											
1. SANITARY SEWER - OFFSITE											
1.00 LF	400	LF	\$20.67	\$ 8,268.00	\$ -		\$ -		400	\$ 8,268.00	0%
2. SANITARY SEWER - OFFSITE											
2.00 LF	964	LF	\$10.04	\$ 9,669.36	\$ -		\$ -		964	\$ 9,669.36	0%
3. SANITARY SEWER - OFFSITE											
3.00 LF	627	LF	\$14.00	\$ 8,778.00	\$ -		\$ -		627	\$ 8,778.00	0%
4. SANITARY SEWER - OFFSITE											
4.00 LF	1,004	LF	\$17.73	\$ 17,800.92	\$ -		\$ -		1,004	\$ 17,800.92	0%
5. SANITARY SEWER - OFFSITE											
5.00 LF	72	LF	\$15.56	\$ 1,120.32	\$ -		\$ -		72	\$ 1,120.32	0%
6. SANITARY SEWER - OFFSITE											
6.00 LF	4	LF	\$1,200.00	\$ 4,800.00	\$ -		\$ -		4	\$ 4,800.00	0%
SUBTOTAL				\$ 23,836.28	\$ -		\$ -		\$ 23,836.28		
B. SANITARY SEWER - OFFSITE											
1. SANITARY SEWER - OFFSITE											
1.00 LF	400	LF	\$17.42	\$ 6,968.00	\$ -		\$ -		400	\$ 6,968.00	0%
2. SANITARY SEWER - OFFSITE											
2.00 LF	964	LF	\$10.04	\$ 9,669.36	\$ -		\$ -		964	\$ 9,669.36	0%
3. SANITARY SEWER - OFFSITE											
3.00 LF	627	LF	\$14.00	\$ 8,778.00	\$ -		\$ -		627	\$ 8,778.00	0%
4. SANITARY SEWER - OFFSITE											
4.00 LF	1,004	LF	\$17.73	\$ 17,800.92	\$ -		\$ -		1,004	\$ 17,800.92	0%
5. SANITARY SEWER - OFFSITE											
5.00 LF	72	LF	\$15.56	\$ 1,120.32	\$ -		\$ -		72	\$ 1,120.32	0%
6. SANITARY SEWER - OFFSITE											
6.00 LF	4	LF	\$1,200.00	\$ 4,800.00	\$ -		\$ -		4	\$ 4,800.00	0%
SUBTOTAL				\$ 43,036.52	\$ -		\$ -		\$ 43,036.52		
C. WETLANDS											
1. WETLANDS											
1.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
2. WETLANDS											
2.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
3. WETLANDS											
3.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
SUBTOTAL				\$ 3,000.00	\$ -		\$ -		\$ 3,000.00		
TOTAL IMPROVEMENTS											
1. TOTAL IMPROVEMENTS											
1.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
2. TOTAL IMPROVEMENTS											
2.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
3. TOTAL IMPROVEMENTS											
3.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
SUBTOTAL				\$ 3,000.00	\$ -		\$ -		\$ 3,000.00		
TOTAL AMOUNT OF ESCROW											
1. TOTAL AMOUNT OF ESCROW											
1.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
2. TOTAL AMOUNT OF ESCROW											
2.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
3. TOTAL AMOUNT OF ESCROW											
3.00 EA	1	EA	\$1,000.00	\$ 1,000.00	\$ -		\$ -		1	\$ 1,000.00	0%
SUBTOTAL				\$ 3,000.00	\$ -		\$ -		\$ 3,000.00		
TOLL BROTHERS, INC.											
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EXHIBIT "B"

Bond No: K40408174

**UPPER UWCHLAN TOWNSHIP AND
UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY
Chester County, Pennsylvania
MAINTENANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: THAT WE TOLL PA IV L.P., as Principal and FEDERAL INSURANCE COMPANY, as Surety, are held and firmly bound unto UPPER UWCHLAN TOWNSHIP AND UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY, as Obligee, in the full and just sum of Forty Three Thousand Five Hundred Seventy Six Thousand and 27/100 (\$43,576.27) DOLLARS, lawful money of the United States of America to the payment of which sum, well and truly to be made, the Principal and the Surety bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

SIGNED SEALED AND DATED THIS 19th DAY OF MAY , 2020.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS THE PRINCIPAL ENTERED INTO A MAINTENANCE SECURITY AGREEMENT WITH UPPER UWCHLAN TOWNSHIP AND UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY FOR SANITARY SEWER IMPROVEMENTS IN THE SUBDIVISION KNOWN AS RESERVE AT CHESTER SPRINGS.

AND WHEREAS, the Obligee requires a guarantee from the Principal against defective materials and workmanship in connection with said SANITARY SEWER Improvements and to secure the functioning of said SANITARY SEWER Improvements in accordance with the design and specifications as depicted on the Final Major Subdivision Plan, Reserve at Chester Springs prepared by ESE Consultants, Inc. dated October 2, 2014 and last revised August 4, 2016 ("Plan").

NOW, THEREFORE, if the Principal shall make repairs or replacements which may become necessary during the period of EIGHTEEN (18) MONTHS FROM THE DATE OF DEDICATION, because of defective materials or workmanship or failure of the SANITARY SEWER Improvements to function in accordance with the design and specifications as depicted on the Plan in connection with said Maintenance Security Agreement which defectiveness the Obligee shall give the Principal and Surety written notice within (30) thirty days after discovery thereof, then this obligation shall be void; otherwise it shall be in full force and effect. If Principal fails to make such repairs or replacements which may become necessary during the period of EIGHTEEN (18) MONTHS FROM THE DATE OF ACCEPTANCE OF DEDICATION BY OBLIGEE, Surety shall, upon demand from Obligee, pay over to the Obligee as much of this Maintenance Bond as determined by the Upper Uwchlan Township Municipal Authority Engineer and the Upper Uwchlan Township Engineer that will be necessary for the making of such repairs or replacements.

ATTEST:

Judy K. Dye

PRINCIPAL: TOLL PA IV L.P.

BY: TOLL MID-ATLANTIC LP COMPANY, INC.,
a Delaware corporation
General Partner

BY: [Signature] LAND DEVELOPMENT
MANAGER

BY: _____

WITNESS:

Arlene Ostroff
Arlene Ostroff, Witness to Surety

SURETY: **FEDERAL INSURANCE COMPANY**

BY: [Signature]
Daniel P. Dunigan, Attorney-in-Fact

CHUBB

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

Westchester Fire Insurance Company | ACE American Insurance Company

Know All by These Presents, that FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY corporations of the Commonwealth of Pennsylvania, do each hereby constitute and appoint Brian C. Block, Richard J. Decker, Daniel P. Dunigan, James L. Hahn, Joseph W. Kolok Jr. and William F. Simkiss of Berwyn, Pennsylvania -----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY have each executed and attested these presents and affixed their corporate seals on this 31st day of March, 2020.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

SS.

On this 31st day of March, 2020 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316665
Commission Expires July 16, 2024

Katherine J. Adelaar

Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
- (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
- (3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect.
- (ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this May 19, 2020



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:
Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

FEDERAL INSURANCE COMPANY
STATEMENT OF ASSETS, LIABILITIES AND SURPLUS TO POLICYHOLDERS

Statutory Basis

December 31, 2019

(in thousands)

ASSETS		LIABILITIES AND SURPLUS TO POLICYHOLDERS	
Cash and Short Term Investments	\$ (429,780)	Outstanding Losses and Loss Expenses	\$ 6,823,691
United States Government, State and Municipal Bonds	4,559,706	Reinsurance Payable on Losses and Expenses	1,433,250
Other Bonds	5,314,219	Unearned Premiums	2,014,727
Stocks	32,735	Ceded Reinsurance Premiums Payable	353,115
Other Invested Assets	<u>1,029,733</u>	Other Liabilities	<u>849,544</u>
TOTAL INVESTMENTS	<u>10,506,613</u>	TOTAL LIABILITIES	<u>11,474,327</u>
Investments in Affiliates:		Capital Stock	20,980
Great Northern Ins. Co.	395,442	Paid-In Surplus	2,711,474
Vigilant Ins. Co.	341,290	Unassigned Funds	<u>1,306,681</u>
Chubb Indemnity Ins. Co.	178,808	SURPLUS TO POLICYHOLDERS	<u>4,039,335</u>
Chubb National Ins. Co.	181,053		
Other Affiliates	97,150		
Premiums Receivable	1,511,096		
Other Assets	<u>2,302,210</u>		
TOTAL ADMITTED ASSETS	<u>\$ 15,513,662</u>	TOTAL LIABILITIES AND SURPLUS	<u>\$ 15,513,662</u>

Investments are valued in accordance with requirements of the National Association of Insurance Commissioners, At December 31, 2019, investments with a carrying value of \$508,749,121 were deposited with government authorities as required by law.

STATE OF PENNSYLVANIA

COUNTY OF PHILADELPHIA

John Taylor, being duly sworn, says that he is Senior Vice President of Federal Insurance Company and that to the best of his knowledge and belief the foregoing is a true and correct statement of the said Company's financial condition as of the 31 st day of December, 2019.

Sworn before me this April 14, 2020

John Taylor

Senior Vice President

Diane Wright
Notary Public

August 8, 2023
My commission expires

Commonwealth of Pennsylvania - Notary Seal
Diane Wright, Notary Public
Philadelphia County
My commission expires August 8, 2023
Commission number 1235745
Member, Pennsylvania Association of Notaries

Bond No: K40408174

**UPPER UWCHLAN TOWNSHIP AND
UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY
Chester County, Pennsylvania
MAINTENANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: THAT WE TOLL PA IV L.P., as Principal and FEDERAL INSURANCE COMPANY, as Surety, are held and firmly bound unto UPPER UWCHLAN TOWNSHIP AND UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY, as Obligee, in the full and just sum of Forty Three Thousand Five Hundred Seventy Six Thousand and 27/100 (\$43,576.27) DOLLARS, lawful money of the United States of America to the payment of which sum, well and truly to be made, the Principal and the Surety bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

SIGNED SEALED AND DATED THIS 19th DAY OF MAY , 2020.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS THE PRINCIPAL ENTERED INTO A MAINTENANCE SECURITY AGREEMENT WITH UPPER UWCHLAN TOWNSHIP AND UPPER UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY FOR SANITARY SEWER IMPROVEMENTS IN THE SUBDIVISION KNOWN AS RESERVE AT CHESTER SPRINGS.

AND WHEREAS, the Obligee requires a guarantee from the Principal against defective materials and workmanship in connection with said SANITARY SEWER Improvements and to secure the functioning of said SANITARY SEWER Improvements in accordance with the design and specifications as depicted on the Final Major Subdivision Plan, Reserve at Chester Springs prepared by ESE Consultants, Inc. dated October 2, 2014 and last revised August 4, 2016 ("Plan").

NOW, THEREFORE, if the Principal shall make repairs or replacements which may become necessary during the period of EIGHTEEN (18) MONTHS FROM THE DATE OF DEDICATION, because of defective materials or workmanship or failure of the SANITARY SEWER Improvements to function in accordance with the design and specifications as depicted on the Plan in connection with said Maintenance Security Agreement which defectiveness the Obligee shall give the Principal and Surety written notice within (30) thirty days after discovery thereof, then this obligation shall be void; otherwise it shall be in full force and effect. If Principal fails to make such repairs or replacements which may become necessary during the period of EIGHTEEN (18) MONTHS FROM THE DATE OF ACCEPTANCE OF DEDICATION BY OBLIGEE, Surety shall, upon demand from Obligee, pay over to the Obligee as much of this Maintenance Bond as determined by the Upper Uwchlan Township Municipal Authority Engineer and the Upper Uwchlan Township Engineer that will be necessary for the making of such repairs or replacements.

ATTEST:

Judy K. DSE

PRINCIPAL: TOLL PA IV L.P.

BY: TOLL MID-ATLANTIC LP COMPANY, INC.,
a Delaware corporation
General Partner

BY: [Signature] LAND DEVELOPMENT
MANAGER

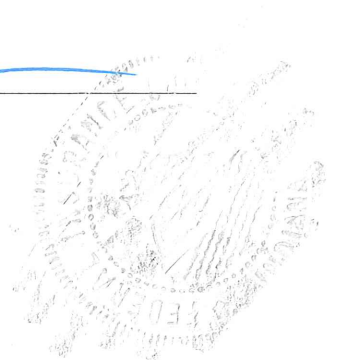
BY: _____

WITNESS:

Arlene Ostroff
Arlene Ostroff, Witness to Surety

SURETY: **FEDERAL INSURANCE COMPANY**

BY: [Signature]
Daniel P. Dunigan, Attorney-in-Fact



Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company
Westchester Fire Insurance Company | ACE American Insurance Company

Know All by These Presents, that FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY corporations of the Commonwealth of Pennsylvania, do each hereby constitute and appoint Brian C. Block, Richard J. Decker, Daniel P. Dunigan, James L. Hahn, Joseph W. Kolok Jr. and William F. Simkiss of Berwyn, Pennsylvania -----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY have each executed and attested these presents and affixed their corporate seals on this 31st day of March, 2020.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

SS.

On this 31st day of March, 2020 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316685
Commission Expires July 16, 2024

Katherine J. Adelaar

Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
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- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
- (ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this May 19, 2020



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:

Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

FEDERAL INSURANCE COMPANY
STATEMENT OF ASSETS, LIABILITIES AND SURPLUS TO POLICYHOLDERS

Statutory Basis

December 31, 2019

(in thousands)

ASSETS		LIABILITIES AND SURPLUS TO POLICYHOLDERS	
Cash and Short Term Investments	\$ (429,780)	Outstanding Losses and Loss Expenses	\$ 6,823,691
United States Government, State and Municipal Bonds	4,559,706	Reinsurance Payable on Losses and Expenses	1,433,250
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TOTAL INVESTMENTS	<u>10,506,613</u>	TOTAL LIABILITIES	<u>11,474,327</u>
 Investments in Affiliates:		 Capital Stock	20,980
Great Northern Ins. Co.	395,442	Paid-In Surplus	2,711,474
Vigilant Ins. Co.	341,290	Unassigned Funds	<u>1,306,681</u>
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Other Affiliates	97,150		
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 TOTAL ADMITTED ASSETS	<u>\$ 15,513,662</u>	 TOTAL LIABILITIES AND SURPLUS	<u>\$ 15,513,662</u>

Investments are valued in accordance with requirements of the National Association of Insurance Commissioners. At December 31, 2019, investments with a carrying value of \$508,749,121 were deposited with government authorities as required by law.

STATE OF PENNSYLVANIA

COUNTY OF PHILADELPHIA

John Taylor, being duly sworn, says that he is Senior Vice President of Federal Insurance Company and that to the best of his knowledge and belief the foregoing is a true and correct statement of the said Company's financial condition as of the 31 st day of December, 2019.

Sworn before me this

John Taylor

Senior Vice President

Diane Wright
Notary Public

August 8, 2023
My commission expires

Commonwealth of Pennsylvania - Notary Seal
Diane Wright, Notary Public
Philadelphia County
My commission expires August 8, 2023
Commission number 1235745

Member, Pennsylvania Association of Notaries



**APRIL 2020 REPORT
UUT MUNICIPAL AUTHORITY
PUBLIC WORKS DEPARTMENT**

The following projects are underway:

Ongoing:

- A very slow month, mowing and cleaning of the stations mostly.
- Locks were spot checked at all pump stations. All have been secure.
- All the full-time guys were still cutting the grass at the stations, until two weeks ago when the summer help came on.
- Spot checks continue and all visitors are still using the sign-in sheets at all properties. Although there were none other than Brian Norris and PW for the month.

Public Works continues to work on the properties as follows:

Complete:

- Rte. 100 WWTP
 - 1. General cleanup
- Byers Station Effluent PS
 - 1. General cleaning of station
 - 2. This fence is beginning to rot in many areas and should soon be replaced.
 - 3. Replaced safety float ring
 - 4. Fixed gutter and downspout
- Byers Station Influent PS
 - 1. General cleaning of station
- Ewing PS
 - 1. General cleaning of station
- Ewing West Vincent PS
 - 1. General cleaning of station

- **Ewing Tract Effluent Disposal System**
 - 1. **Cleaned station**
- **Eagle Hunt**
 - 1. **Cleaning of this location**
- **Windsor Ridge**
 - 1. **General cleaning**
- **Saybrook WWTP**
 - 1. **General cleaning of station**
- **Seabury**
 - 1. **There are currently no work orders for this facility.**
- **Yarmouth PS1**
 - 1. **There are currently no work orders for this facility.**
- **Yarmouth PS2**
 - 1. **There are currently no work orders for this facility.**
- **St Andrews Brae**
 - 1. **General cleaning of station**
- **St Andrews Brae PS (at St Andrews intersection)**
 - 1. **There are currently no work orders for this facility.**
- **Reserve Lagoon**
 - 1. **General cleaning of station**
- **Reserve at Eagle PS1**
 - 1. **General cleaning**
- **Reserve at Eagle PS 2**
 - 1. **General cleaning of station**
- **Upland Farms PS/ Reserve at Waynebrook**
 - 1. **There are currently no other work orders for this facility.**
- **Greenridge**
 - 1. **General cleaning of station**
- **Stonehedge**
 - 1. **There are currently no work orders for this facility.**
- **Marsh Harbour WWTP**
 - 1. **General cleaning and trash removal**

- **Marsh Harbour PS**
 - 1. **There are no work orders for this station**
- **Meadowcreek**
 - 1. **There are currently work orders for this facility.**
 - 2. **The planting is done**
- **Eaglepointe**
 - 1. **Trash collection and cleaning**
- **Heron Hill PS**
 - 1. **There are currently no work orders for this facility.**
- **Lakeridge WWTP**
 - 1. **General cleaning and trash removal**
- **Lakeridge Pump Station**
 - 1. **The station has been cleaned and painted.**
- **Eagle Farms Rd PS (WV)**
 - 1. **General cleaning of station**
- **Little Conestoga Rd PS**
 - 1. **There are currently no work orders for this facility.**
- **Eagle Manor PS (Dorothy Ln)**
 - 1. **There are currently no work orders for this facility.**
- **Garrison Dr. (spray field pump station #1)**
 - 1. **There are currently no work orders for this facility.**
- **Garrison Dr. (spray field pump station #2)**
 - 1. **There are currently no work orders for this facility.**
- **Public Works continues to respond to Pa 1-calls. UUT responded to 43 PA 1-Call tickets during the month.**

Respectfully submitted,

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