

TO: WTMA Board of Directors  
FROM: Joe Schorn, Water Superintendent  
DATE: December 13, 2019  
SUBJECT: Monthly Water Report for November 2019

This month the water system was operating at 41% of capacity.

MONTHLY

WATER PRODUCED: 20,048,000 GALLONS

\* Note that the Monthly loss from leaks is based on a calculation that can be calculated up to 3 months depending on site description and certain characteristics of the leak.

EST. LOSS FROM KNOWN LEAKS: 2,363,000 GALLONS

EST. LOSS FROM FLUSHING, FIRE PROTECTION & BLOW OFFS: 985,000 GALLONS

PREVIOUS SYSTEM CONNECTIONS: 2,512

NEW CONNECTIONS THIS MONTH: 0

TOTAL SYSTEM CONNECTIONS: 2,512

TOTAL CONNECTIONS FOR 2018/2019 28/ 31

NEW CONNECTION LOCATIONS:

**(A.) 3 Leaks were discovered and repaired this month.**

11415 Woodmark Lane  
13838 Edgewood Drive  
13238 Shawnee Court

**(B.) Additional Maintenance / Repair Work.**

- 1.) The staff is placing leak logger out into the system. We are working through a system wide leak detection.
- 2.) The staff re-tapped a service line that wasn't done properly on Gulf Drive.
- 3.) The staff installed a meter pit at the right of way on Pennerville Road.
- 4.) The staff serviced the 2018 F-250.

Respectfully Submitted,



Joe Schorn  
Director of Utilities

**DAILY WATER PRODUCTION**

Nov-19

DAY	WELL#5 & WELL#6	WELL#10	BUBBLING SPRINGS	BROOKDALE	Hess Well	HOOVER SPRINGS	TOTAL	monthly permit avg capacity %
PERMIT (gpd)	191,520	57,600	385,000	249,120	345,600	154,080	1,382,920	48.32%
ACTUAL (gpd)	180,000	54,720	220,867	249,120	345,600	154,080	1,204,387	55.49%
1	113	0	214	0	191	148	666	5 DAY AVG
2	152	0	234	0	236	161	783	
3	148	0	224	0	243	154	769	
4	151	0	227	0	210	158	746	
5	143	0	221	0	207	153	724	
6	139	0	228	0	251	166	784	738
7	149	0	222	0	139	140	650	
8	145	0	212	0	150	151	658	
9	88	0	219	0	160	152	619	
10	91	0	225	0	179	156	651	
11	87	0	231	0	157	153	628	672
12	88	0	187	0	169	149	593	
13	89	0	200	0	154	153	596	
14	85	0	218	0	153	155	611	
15	91	0	228	0	171	161	651	
16	85	0	215	0	146	150	596	616
17	143	0	220	0	190	154	707	
18	151	0	215	0	145	153	664	
19	142	0	226	0	133	159	660	
20	152	0	218	0	144	152	666	
21	0	0	218	0	156	150	524	659
22	149	0	231	0	147	155	682	
23	144	0	224	0	168	152	688	
24	148	0	227	0	192	154	721	
25	147	0	228	0	163	152	690	
26	146	0	226	0	142	155	669	661
27	133	0	227	0	155	149	664	
28	138	0	214	0	140	152	644	
29	139	0	223	0	146	153	661	
30	140	0	224	0	165	154	683	
31								664
MTH TOTAL	3716	0	6626	0	5102	4604	20048	MONTHLY AVERAGE
PREV TOTAL	42538	3361	69484	0	50474	45670	211527	
YTD	46254	3361	76110	0	55576	50274	231575	668
<b>X 1000</b>	46,254,000	3,361,000	76,110,000	0	55,576,000	50,274,000	231,575,000	668,267

**WELLS AND SPRINGS PUMP STATIONS**  
**WASHINGTON TOWNSHIP MUNICIPAL AUTHORITY**

MONTH YEAR DATE	Nov 2019	WEIR LEVEL (INCHES) Sta #1 BY	WELL LEVEL (FT)							CL2 RESIDUAL							Ph						O.S. TEMP F	CL2 BOOSTER (PSI)					PUMP HRS	
			STATION							STATION							STATION							STATION					STATION	
			#2	#3	#4	#7	RAIN FALL (INCHES)	#1	#2 & #3	#4	#5	#7	#1	#2 & #3	#4	#5	#6	#2	#3	#4	#5	#1		#7						
1	F						122	1.25	0.76	0.75		0.71	1.04	7.2	8.0		42				227							17.2		
2	S						123	0.00	1.14	0.87		0.88	0.97	7.0	5.5		28				225							22.8		
3	S						77	0.00	1.16	0.83		0.88	0.95	6.9	5.5		29				225							23.3		
4	M	0.30					76	0.00	1.18	1.12		0.89	1.05	7.0	5.5		31				225							20.4		
5	T						121	0.02	1.07	1.06		0.76	0.95	6.8	5.5		38				226							18.8		
6	W						120	0.00	1.03	1.01		0.85	1.02	6.8	5.5		31				225							24.4		
7	T						77	0.00	0.98	1.02		0.88	1.01	6.9	5.4		43				225							13.1		
8	F						124	0.39	1.10	1.05		0.95	1.01	6.9	7.7		31				226							13.7		
9	S						125	0.00	1.12	0.99		0.90	1.00	7.0	7.0		23				226							15.5		
10	S						125	0.00	1.08	0.97		0.96	1.02	8.8	7.1		35				226							16.3		
11	M	0.31	0.38				125	0.00	1.09	0.99		0.93	1.00	8.1	7.2		35				226							15.2		
12	T						125	0.14	1.10	0.95		0.91	1.02	6.8	7.2		42				226							15.2		
13	W						126	0.00	1.43	0.94		0.90	1.05	7.3	7.3		16				226							14.4		
14	T						128	0.00	1.24	1.07		0.86	0.99	6.8	7.2		24				225							14.9		
15	F						127	0.00	1.10	1.10		1.15	1.04	6.8	6.6		25				226							15.5		
16	S						128	0.00	1.10	0.97		1.00	1.07	6.8	6.6		32				226							14.2		
17	S						128	0.00	1.10	0.97		0.92	1.01	7.3	8.9		31				225							17.3		
18	M	0.32	0.38				126	0.00	1.10	0.94		0.91	0.94	7.1	7.3		36				225							12.5		
19	T						126	0.01	1.08	1.01		0.92	1.02	7.1	6.8		30				225							13.6		
20	W						128	0.00	1.09	1.00		1.10	0.93	7.0	7.1		43				227							14.1		
21	T						128	0.00	1.16	0.86		1.10	0.99	6.9	6.8		28				220							14.3		
22	F						128	0.00	1.04	0.85		1.04	1.00	6.9	6.6		48				225							15.1		
23	S						128	0.00	0.98	0.86		0.88	1.02	6.9	6.5		26				227							17.6		
24	S						127	0.77	1.05	1.17		0.86	0.95	6.9	6.8		36				227							15.2		
25	M	0.30	0.38				126	0.10	1.06	1.14		0.86	1.01	6.9	6.9		32				225							13.3		
26	T						126	0.00	1.13	1.19		0.86	0.98	6.9	7.0		30				225							14		
27	W						126	0.00	1.03	1.16		0.84	1.07	7.0	7.1		46				225							13.6		
28	T						127	0.03	1.08	0.90		0.96	1.02	7.0	6.9		41				225							12.4		
29	F						128	0.00	1.13	0.91		1.08	1.11	7.2	7.7		32				226							15.9		
30	S						128	0.00	1.00	0.86		1.05	1.06	7.2	7.1		33				225									
TOTAL		1.23	1.54	0	0	0	3629	2.71	32.71	29.51	0.00	27.79	30.30	212.2	204.3	0.0	997	0	0	0	6761	0.0						477.8		
MIN		0.30	0.38	0	0	0	76	0.00	0.76	0.75	0.00	0.71	0.93	6.8	5.4	0.0	16	0	0	0	220	0.0						12.4		
AVG		0.31	0.39	#DIV/0!	#DIV/0!	#DIV/0!	121.00	0.10	1.10	1.00	#DIV/0!	0.90	1.00	7.1	6.8	####	33	###	#DIV/0!	#DIV/0!	225	#DIV/0!						16		
MAX		0.32	0.40	0	0	0	128	1.25	1.43	1.19	0.00	1.15	1.11	8.8	8.9	0.0	48	0	0	0	227	0.0						24.4		



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

## DAILY WATER WITHDRAWAL/INSTREAM FLOW REQUIREMENT REPORT

**WASHINGTON TWP MUNI AUTH**

NAME-PUBLIC WATER SUPPLY AGENCY

**Franklin**

COUNTY

**WA Permit No. 478B**

TELEPHONE NO. **(717) 762-3108**

**SF Permit ID 339513**

Report For MONTH: **November**

YEAR: **2019**

**Joe Schorn**

REPORT PREPARER NAME (print)

PREPARER SIGNATURE

SOURCE ID	8469	8470	8471	8472	36449
Day \ Name	BUENA V SPRINGS	HOOVER SPRING	BUBBLING SPRING	SULFUR SPRING	Total
1	107,000	148,000	82,000	25,000	362,000
2	117,000	160,500	91,000	26,000	394,500
3	112,000	153,600	86,000	26,000	377,600
4	113,500	158,300	87,500	26,000	385,300
5	110,500	153,200	84,500	26,000	374,200
6	114,000	165,900	88,000	26,000	393,900
7	111,000	140,000	85,000	26,000	362,000
8	106,000	150,900	82,000	24,000	362,900
9	109,500	152,200	83,500	26,000	371,200
10	112,500	156,400	86,500	26,000	381,400
11	115,500	152,800	89,500	26,000	383,800
12	93,500	149,200	68,500	25,000	336,200
13	100,000	152,900	74,000	26,000	352,900
14	109,000	154,500	84,000	25,000	372,500
15	114,000	160,700	88,000	26,000	388,700
16	107,500	150,100	82,500	25,000	365,100
17	110,000	154,100	86,000	24,000	374,100
18	107,500	153,100	83,500	24,000	368,100
19	113,000	159,100	88,000	25,000	385,100
20	109,000	151,700	85,000	24,000	369,700
21	109,000	150,100	85,000	24,000	368,100
22	115,500	155,000	90,500	25,000	386,000
23	112,000	152,300	87,000	25,000	376,300
24	113,500	153,600	87,500	26,000	380,600
25	114,000	151,500	88,000	26,000	379,500
26	113,000	155,400	87,000	26,000	381,400
27	113,500	148,700	88,500	25,000	375,700
28	107,000	151,800	84,000	23,000	365,800
29	111,500	153,000	86,500	25,000	376,000
30	112,000	154,200	88,000	24,000	378,200
31					
TOTAL	3,313,000	4,602,800	2,557,000	756,000	11,228,800
AVERAGE	110,433	153,427	85,233	25,200	374,293
MAXIMUM	117,000	165,900	91,000	26,000	394,500
MINIMUM	93,500	140,000	68,500	23,000	336,200
DAYS USE	30	30	30	30	30

Return completed form to: Division of Water Use Planning, P.O. Box 8555, Harrisburg, PA 17105 - 8555



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Report For MONTH: November

Year: 2019

Joe Schorn

REPORT PREPARER NAME (print)

PREPARER SIGNATURE

SOURCE ID	8466R				
Day \ Name	WELL 5 IFR				
1	1.572	1,016,013			
2	1.572	1,016,013			
3	0.916	592,028			
4	0.512	330,915			
5	0.281	181,616			
6	0.281	181,616			
7	0.227	146,714			
8	0.536	346,427			
9	0.281	181,616			
10	0.266	171,921			
11	0.253	163,519			
12	0.424	274,039			
13	0.181	116,984			
14	0.181	116,984			
15	0.160	103,411			
16	0.160	103,411			
17	0.160	103,411			
18	0.171	110,521			
19	0.160	103,411			
20	0.099	63,986			
21	0.160	103,411			
22	0.160	103,411			
23	0.099	63,986			
24	1.572	1,016,013			
25	0.916	592,028			
26	0.441	285,027			
27	0.372	240,431			
28	0.253	163,519			
29	0.227	146,714			
30	0.227	146,714			
31		0			
TOTAL	12.820	8,285,810			
AVERAGE	0.427				
MAXIMUM	1.572				
MINIMUM	0.099				
DAYS USE	30				

Return completed form to: Division of Water Use Planning, P.O. Box 8555, Harrisburg, PA 17105 - 8555