

TO: WTMA Board of Directors
FROM: Joe Schorn
DATE: July 3, 2019
SUBJECT: Monthly Water Report for June 2019

This month the water system
was operating at 42% of capacity.

MONTHLY

WATER PRODUCED:	21,531,000	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:	0	GALLONS	0.00%
EST. LOSS FROM FLUSHING, FIRE PROTECTION & BLOW OFFS:	875,000	GALLONS	4.06%
PREVIOUS SYSTEM CONNECTIONS:	2,493		
NEW CONNECTIONS THIS MONTH:	9		
TOTAL SYSTEM CONNECTIONS:	2,502		
TOTAL CONNECTIONS FOR 2018/2019	28/ 21		

NEW CONNECTION LOCATIONS:


11677 Mystic Rock Lane South Lot #199	10224 Hunter's Ridge Drive Lot #6
11687 Mystic Rock Lane South Lot #120	10248 Hunter's Ridge Drive Lot #7
11674 Mystic Rock Lane South Lot #130	11111 Gopher Drive North Lot #95
11680 Mystic Rock Lane South lot # 140	11115 Gopher Drive North Lot #94
15170 Dutrow Avenue	

(A.) 7 Small leaks were discovered this month by Aqua Tech. These leaks will be addressed in the very near future.

(B.) Additional Maintenance / Repair Work.

- 1) Hydrant Flushing sytem wide.
- 2) Leak detection with Mark from Aqua-Tech.
- 3) Negely's Well Pump Service pulled well #5 pump and replaced it with a new one.
- 4) Valve exercising.
- 5) We replaced a broken air release that was causing major problems while we were flushing hydrants.
- 6) Installed a new tap on Jacobs Church Road, and installed the meter and pit at the R/W.
- 7) We had two reps come down and demo leak listening loggers. I will be doing some field work and hopefully coming to the board with my recommendation in the second meeting of August.

Respectfully Submitted,



Joe Schorn
Director of Utilities

DAILY WATER PRODUCTION

Jun-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	51.90%
ACTUAL (gpd)	180,000	54,720	235,333	249,120	345,600	154,080	1,218,853	58.88%
1	96	55	234	0	190	150	725	5 DAY AVG
2	104	57	251	0	199	157	768	
3	98	57	234	0	186	148	723	
4	99	56	234	0	179	153	721	
5	97	55	236	0	159	148	695	
6	100	52	227	0	157	159	695	726
7	120	14	241	0	183	152	710	708
8	148	0	237	0	173	156	714	
9	147	0	234	0	195	153	729	
10	147	0	234	0	157	152	690	
11	148	0	237	0	180	157	722	
12	149	0	234	0	155	153	691	702
13	144	0	233	0	151	158	686	
14	149	0	238	0	162	162	711	
15	142	0	228	0	178	153	701	
16	150	0	235	0	188	157	730	
17	152	0	244	0	169	161	726	708
18	145	0	234	0	145	161	685	
19	148	0	236	0	162	158	704	
20	143	0	228	0	175	151	697	
21	153	0	242	0	173	157	725	
22	147	0	238	0	178	154	717	738
23	138	0	231	0	216	155	740	
24	159	0	240	0	248	146	793	
25	143	0	228	0	193	151	715	
26	140	0	245	0	184	155	724	
27	140	0	223	0	222	150	735	724
28	147	0	227	0	177	149	700	
29	147	0	235	0	180	153	715	
30	153	0	242	0	191	158	744	
								724
MTH TOTAL	4093	346	7060	0	5405	4627	21531	MONTHLY AVERAGE
PREV TOTAL	20906	2221	33830	0	22862	22500	102319	
YTD	24999	2567	40890	0	28267	27127	123850	718
X 1000	24,999,000	2,567,000	40,890,000	0	28,267,000	27,127,000	123,850,000	717,700

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

MONTH YEAR DATE	June 2019 DAY	WEIR LEVEL (INCHES)		WELL LEVEL (FT)				CL2 RESIDUAL							Ph						CL2 BOOSTER (PSI)				PUMP HRS	
		B	Sta #1 BV	#2	#3	#4	#7	#1	#2 	#4	#5	#7	#1	#2 	#4	#5	#6	#1	#2	#3	#4	#5	#7	#1	#7	
1	S					58	135	0.00	1.09	0.96	0.72	0.95	1.12	7.2	7.0	6.7						229				
2	S					58	132	0.27	1.11	0.99	0.86	0.87	1.14	7.3	7.0	6.7						229				19
3	M	0.35	0.45			59	133	0.45	1.11	1.01	0.57	0.84	1.20	7.1	7.0	6.9						229				16.9
4	T					59	133	0.00	1.09	1.01	0.60	0.81	1.19	7.1	7.0	6.9						229				17.1
5	W					60	134	0.03	1.09	0.92	0.86	0.92	1.22	7.0	7.0	6.7						227				14.4
6	T					60	134	0.02	1.19	1.04	0.89	0.99	1.18	7.0	7.0	6.7						227				15.2
7	F					60	134	0.00	1.06	0.95	0.86	0.88	1.16	7.0	7.0	6.8						227				16.5
8	S					140	134	0.00	1.11	0.88	0.90	0.85	1.01	7.2	7.2	7.1						227				16.8
9	S					143	134	0.02	1.10	1.03		0.83	1.06	7.1	7.1							227				16.3
10	M	0.33	0.42			150	132	0.49	1.09	1.02		0.84	1.04	7.3	7.1							227				15.1
11	T					150	134	0.00	1.12	1.01		0.81	1.07	7.3	7.1							227				16.4
12	W					150	133	0.47	1.11	1.05		0.88	1.09	7.2	7.0							227				14.9
13	T					150	134	0.42	1.06	1.13		0.92	1.12	7.2	7.0							226				13.6
14	F					150	134	0.00	1.08	1.13		0.91	1.07	7.3	7.0							227				15.6
15	S					150	134	0.00	1.12	1.02		0.90	1.05	7.4	7.1							227				16.1
16	S					150	132	0.08	1.10	1.06		0.93	1.03	7.3	7.17.3							227				18
17	M	0.34	0.43			150	131	0.02	1.14	0.97		0.84	1.10	7.4	7.4							228				15.3
18	T					150	132	0.11	1.13	1.09		0.82	1.05	7.7	6.8							227				14
19	W					150	134	0.04	1.08	1.12		0.80	1.09	7.0	7.0							228				14.7
20	T					150	133	0.04	1.08	1.11		0.87	1.07	7.0	7.9							225				16.8
21	F					150	133	0.00	0.99	1.00		0.90	1.08	7.6	7.4							227				15.6
22	S					150	130	0.00	1.07	1.07		0.91	1.02	7.6	7.1							226				17.2
23	S					150	132	0.00	1.07	1.09		0.99	1.05	7.4	7.3							227				19.4
24	M	0.34	0.44			150	128	0.75	1.09	0.98		0.99	1.07	7.2	7.1							227				23.9
25	T					150	120	0.00	1.04	0.99		0.89	1.06	7.0	7.1							228				16
26	W					150	128	0.00	0.96	1.00		0.82	1.03	7.1	7.2							228				19.3
27	T					150	128	0.00	1.02	1.08		0.85	1.01	7.3	6.9							227				20.1
28	F					150	128	0.00	1.13	1.14		0.86	1.13	6.9	7.0							230				17.1
29	S					150	128	0.00	1.10	1.12		0.81	1.07	7.0	7.1							230				16.3
30	S					150	129	0.36	1.07	1.17		0.82	1.04	7.0	7.0							230				18.4

TOTAL	1.36	1.74	0	0	3847	3950	3.57	32.60	31.14	6.26	26.20	32.62	216.2	205.9	54.5						0	0	0	6827	0.0	503.2
MIN	0.33	0.42	0	0	58	120	0.00	0.96	0.88	0.57	0.80	1.01	6.9	6.8	6.7						0	0	0	225	0.0	13.6
AVG	0.34	0.44	#DIV/0!	#DIV/0!	128	131.70	0.10	1.10	1.00	0.80	0.90	1.10	7.2	7.1	6.8						###	#DIV/0!	#DIV/0!	228	#DIV/0!	17
MAX	0.35	0.45	0	0	150	135	0.75	1.19	1.17	0.90	0.99	1.22	7.7	7.9	7.1						0	0	0	230	0.0	23.9



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: June

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	117,000	149,800	92,000	25,000	383,800
2	125,500	156,700	98,500	27,000	407,700
3	117,000	148,300	91,000	26,000	382,300
4	117,000	152,900	92,000	25,000	386,900
5	118,000	147,800	92,000	26,000	383,800
6	113,500	159,100	88,500	25,000	386,100
7	120,500	152,400	92,500	28,000	393,400
8	118,500	156,200	91,500	27,000	393,200
9	117,000	152,900	90,000	27,000	386,900
10	117,000	151,900	91,000	26,000	385,900
11	118,500	157,200	92,500	26,000	394,200
12	117,000	153,000	92,000	25,000	387,000
13	116,500	158,200	91,500	25,000	391,200
14	119,000	161,800	93,000	26,000	399,800
15	114,000	153,200	90,000	24,000	381,200
16	117,500	157,400	92,500	25,000	392,400
17	122,000	161,200	96,000	26,000	405,200
18	117,000	161,400	92,000	25,000	395,400
19	118,000	157,900	92,000	26,000	393,900
20	114,000	150,800	89,000	25,000	378,800
21	121,000	156,600	95,000	26,000	398,600
22	119,000	153,700	94,000	25,000	391,700
23	115,500	154,600	90,500	25,000	385,600
24	120,000	146,400	94,000	26,000	386,400
25	114,000	151,200	90,000	24,000	379,200
26	122,500	154,700	96,500	26,000	399,700
27	111,500	149,900	87,500	24,000	372,900
28	113,500	148,500	89,500	24,000	375,500
29	117,500	153,400	92,500	25,000	388,400
30	121,000	158,400	96,000	25,000	400,400
TOTAL	3,530,000	4,627,500	2,765,000	765,000	11,687,500
AVERAGE	117,667	154,250	92,167	25,500	389,583
MAXIMUM	125,500	161,800	98,500	28,000	407,700
MINIMUM	111,500	146,400	87,500	24,000	372,900
DAYS USE	30	30	30	30	30

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

Sewer Lateral Inspection Report

Unit #: 5653 Property Address: 11111 Gopher Drive North Lot # 95

Inspector: Jeremy Morris Evacuator/Plumber: Mack's

Lat Installation Date: June 26, 2019

Type of Pipe: ABS PVC Cast Iron Size of Pipe: 4"

Rating of Pipe: SDR Sched 40 ASTM Other

Type of Joint: Solvent Weld Gasket C.O. @ Lat? Yes No

4 x 4" or Reducer Sleeve Donut Solvent

4 x 4" fitting 22½ 4 45 2 90

Sump Pump? Yes No Location: _____

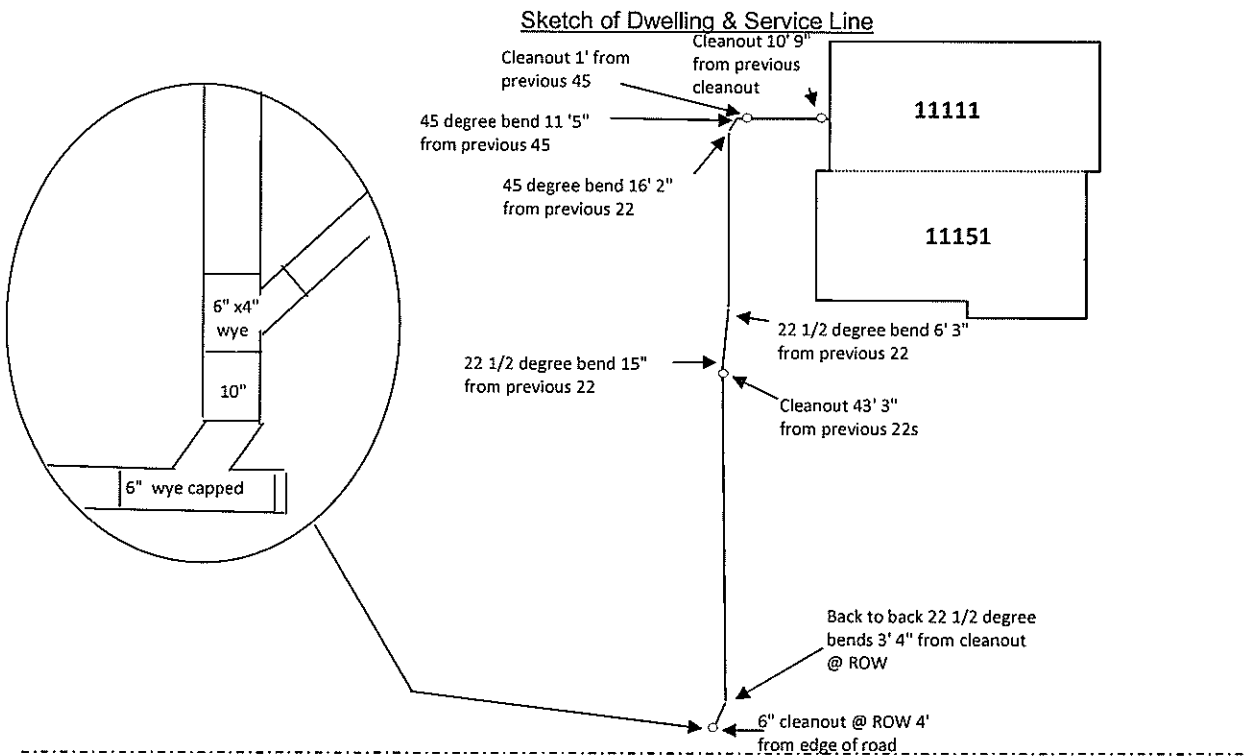
Use: _____

Bsmt Drains? Yes No If yes, connect to system? Yes No

Downspouts Discharge Location: _____ Not connected

Return Visit Needed: _____ No

Air test: Pass Fail Repaired on _____





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SF Permit ID 339513

Report For MONTH: **June** **2019**

Joe Schorn
 REPORT PREPARER NAME (print)

PREPARER SIGNATURE

SOURCE ID	8466R			
Day	Name	WELL 5 IFR		
1		0.669	432,387	
2		0.611	394,901	
3		0.956	617,881	
4		0.611	394,901	
5		0.561	362,585	
6		0.536	346,427	
7		0.441	285,027	
8		0.441	285,027	
9		0.405	261,759	
10		0.441	285,027	
11		0.611	394,901	
12		0.405	261,759	
13		1.572	1,016,013	
14		1.025	662,477	
15		0.512	330,915	
16		0.441	285,027	
17		0.441	285,027	
18		0.405	261,759	
19		0.441	285,027	
20		0.389	251,418	
21		0.389	251,418	
22		0.281	181,616	
23		0.281	181,616	
24		0.281	181,616	
25		0.797	515,116	
26		0.405	261,759	
27		0.309	199,713	
28		0.204	131,849	
29		0.204	131,849	
30		0.309	199,713	
			0	
TOTAL		15.374	9,936,508	
AVERAGE		0.512		
MAXIMUM		1.572		
MINIMUM		0.204		
DAYS USE		30		

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