

TO: WTMA Board of Directors
FROM: Joe Schorn, Water Superintendent
DATE: July 9, 2016
SUBJECT: Monthly Water Report for June 2016

This month the water system
was operating at 49% of capacity.

MONTHLY

WATER PRODUCED:	18,376,000	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:	1,181,500	GALLONS	6.43%
EST. LOSS FROM FLUSHING, FIRE PROTECTION & BLOW OFFS:	575,000	GALLONS	3.13%
PREVIOUS SYSTEM CONNECTIONS:	2,419		
NEW CONNECTIONS THIS MONTH:	4		
TOTAL SYSTEM CONNECTIONS:	2,423		
TOTAL CONNECTIONS FOR 2015/2016	20/ 9		

NEW CONNECTION LOCATIONS:	10279 Foxleigh Circle Lot 21	9959 Skittle Run Court Lot 118
	10271 Foxleigh Circle Lot 22	11612 Homey Run Lane Lot 103

(A.) 6 Leaks were discovered this month by Aqua Tech. These leaks will be addressed in the very near future.

(B.) Additional Maintenance / Repair Work.

- 1) Monthly samples
- 2) Fixed leak and pilot valve Greenridge PRV pit
- 3) lowered valve boxes, top soiled and seeded yard Lumber Lane
- 4) Leak detection with Mark Smith from Aqua Tech
- 5) Fixed Auto Flusher Valve was sticking open
- 6) Installed Mission unit upgrades
- 7) Moved Mission Atenas outside at wells 5&6 and Bubbling Springs for better reception
- 8) Postings at Laurel Acers

Respectfully Submitted,



Joe Schorn
Water Superintendent
WTMA Water Dept.

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

MONTH YEAR 2016	DATE DAY	WEIR LEVEL (INCHES) Sta #1 BV	WELL LEVEL (FT)							RAIN (INCHES)	CI2 RESIDUAL							Ph						O S TEMP F	CI2 BOOSTER (PSI)					PUMP HRS	
			#2	#3	#4	#7	#1	#2 & #3	#4		#5	#7	#1	#2 & #3	#4	#5	#6	#2	#3	#4	#5	#1	#7								
1	S		148	91	0.00	1.05	0.11	0.97	1.06	1.08	6.9	7.0	6.9						64	112	130	152	250	23.1							
2	M		150	104	0.00	1.04	1.08	1.00	0.99	0.98	7.2	6.3	6.4						67	0	135	152	250	24.6							
3	T		150	131	0.08	1.08	0.90	1.02	0.98	1.00	6.9	7.2	6.9						71	45	132	152	249	24.4							
4	W		150	132	0.10	1.05	0.65	0.99	0.98	1.07	7.0	7.0	7.0						71	37	132	152	250	24.2							
5	T		150	132	0.02	1.03	0.65	0.99	1.02	0.99	7.1	6.9	7.0						77	50	132	152	249	23.4							
6	F	0.33	150	26	0.42	1.05	0.61	0.96	1.01	1.10	7.2	7.0	7.0						61	24	132	152	250	23.8							
7	S		150	130	0.00	0.87	0.64	0.88	0.93	1.03	7.1	7.0	7.1						61	50	132	152	249	25.4							
8	S		150	133	0.04	1.00	1.12	0.93	0.89	1.02	7.1	9.3	7.3						55	40	132	152	250	22.9							
9	M		148	133	0.09	1.00	0.93	0.93	0.86	1.08	6.9	10.9	7.3						46	0	132	152	250	23.7							
10	T		119	89	0.00	1.02	0.63	0.97	1.17	1.10	7.2	7.6	7.2						49	0	134	151	249	24.3							
11	W		115	131	0.00	1.05	0.66	0.99	1.23	1.07	7.1	7.3	7.2						64	0	134	151	249	23.8							
12	T		120	133	0.00	1.04	0.66	1.07	1.25	1.03	6.9	7.2	7.2						76	0	134	151	249	25.8							
13	F	0.34	144	78	0.00	1.02	0.58	0.91	1.01	1.05	7.0	7.2	7.0						53	0	134	149	250	22.6							
14	S		140	84	0.00	1.06	1.00	1.01	0.94	1.06	7.0	6.5	6.8						59	0	134	150	249	24.1							
15	S		149	127	0.00	0.98	0.69	0.94	0.83	0.98	7.1	6.7	7.0						62	28	132	152	249	23.8							
16	M		136	97	0.37	0.97	0.56	0.96	1.17	0.97	7.0	7.0	7.0						69	30	132	151	248	23.7							
17	T		144	86	0.58	1.01	0.57	0.97	1.21	1.09	7.0	6.9	7.0						63	25	135	152	250	23.9							
18	W		145	131	0.00	1.03	0.54	0.96	1.18	1.05	7.0	7.0	7.0						58	45	135	152	250	24.2							
19	T		144	130	0	0.99	0.50	0.93	1.12	1.00	7.1	7.0	7.0						59	55	135	152	250	24.1							
20	F	0.31	135	80	0.00	0.97	0.48	0.90	1.03	1.14	7.1	7.0	7.1						76	65	130	152	250	23.5							
21	S		85	96	0.00	0.99	0.54	1.10	0.97	0.98	7.1	7.0	7.1						69	65	135	152	250	24.7							
22	S		120	85	0.91	1.01	0.40	1.01	0.90	0.89	7.1	7.0	7.1						73	50	135	152	250	23.8							
23	M		135	98	0.39	1.00	0.45	1.00	0.92	0.95	7.1	7.0	7.0						64	50	135	152	250	27.2							
24	T		120	137	0.50	0.99	0.43	0.93	0.91	0.99	7.0	7.1	7.3						66	45	135	152	250	21.0							
25	W		120	133	0.03	1.04	0.45	0.94	0.94	0.98	7.1	7.1	7.2						67	45	135	152	250	24.2							
26	T		68	86	0.00	1.07	0.43	0.92	0.78	1.07	7.3	7.1	7.2						66	55	140	152	250	23.5							
27	F	0.34	128	112	0.00	1.02	0.58	0.76	0.84	1.09	7.3	7.1	7.3						66	55	135	152	250	24.2							
28	S		120	102	0.33	1.05	0.43	0.84	0.92	1.07	7.3	7.2	7.2						72	60	140	152	250	23.8							
29	S		132	97	0.37	1.04	0.40	0.78	0.99	1.05	7.3	7.2	7.3						61	75	135	151	250	23.8							
30	M		136	131	0.00	1.01	0.41	0.76	0.98	0.97	7.2	7.2	7.2						55	55	140	151	250	24.5							

TOTAL	1.32	1.66	0	0	4001	3255	4.23	30.53	18.08	28.32	30.01	30.93	212.7	217.0	212.2			1920	1161	4023	4672	7490	720.0	0
MIN	0.31	0.40	0	0	68	26	0.00	0.87	0.11	0.76	0.78	0.89	6.9	6.3	6.4			46	0	130	149	248	21.0	0
AVG	0.33	0.42	#DIV/0!	#DIV/0!	133	108.50	0.10	1.00	0.60	0.90	1.00	1.00	7.1	7.2	7.1			64	39	134	156	250	24.0	#DIV/0!
MAX	0.34	0.43	0	0	150	137	0.91	1.08	1.12	1.10	1.25	1.14	7.3	10.9	7.3			77	112	140	275	250	27.2	0



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: 2016

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	116,500	147,300	92,500	24,000	380,300
2	125,000	150,800	100,000	25,000	400,800
3	123,500	153,400	99,500	24,000	400,400
4	123,000	149,900	99,000	24,000	395,900
5	118,500	143,600	94,500	24,000	380,600
6	121,000	149,700	97,000	24,000	391,700
7	128,000	149,700	103,000	25,000	405,700
8	115,500	155,000	93,500	22,000	386,000
9	120,000	141,100	96,000	24,000	381,100
10	123,000	151,800	98,000	25,000	397,800
11	121,000	147,300	98,000	23,000	389,300
12	131,500	155,800	105,500	26,000	418,800
13	115,000	143,400	92,000	23,000	373,400
14	121,500	152,300	97,500	24,000	395,300
15	120,000	145,200	95,000	25,000	385,200
16	118,500	145,800	94,500	24,000	382,800
17	120,500	149,700	97,500	23,000	390,700
18	123,500	151,300	99,500	24,000	398,300
19	122,000	149,400	97,000	25,000	393,400
20	120,000	150,200	96,000	24,000	390,200
21	124,000	151,800	100,000	24,000	399,800
22	119,500	148,100	95,500	24,000	387,100
23	139,000	156,600	111,000	28,000	434,600
24	107,000	148,900	86,000	21,000	362,900
25	122,000	150,600	97,000	25,000	394,600
26	119,000	143,700	95,000	24,000	381,700
27	121,500	151,600	96,500	25,000	394,600
28	120,500	148,700	95,500	25,000	389,700
29	120,500	149,000	96,500	24,000	390,000
30	124,000	149,200	95,000	29,000	397,200
TOTAL	3,644,500	4,480,900	2,913,500	731,000	11,769,900
AVERAGE	121,483	149,363	97,117	24,367	392,330
MAXIMUM	139,000	156,600	111,000	29,000	434,600
MINIMUM	107,000	141,100	86,000	21,000	362,900
DAYS USE	30	30	30	30	30

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

