



KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY1110019  
 PLANT ID: A  
 REPORT MONTH/YEAR: 03/2018  
 PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: A		No: B		No: C		No: D		No:	
		AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS
1	62,000	22,000	13.40		13.40	22,000	13.40	18,000	13.40		
2			12.90		12.90		12.90		12.90		
3	67,000	24,000	15.40		15.40	21,000	15.40	22,000	15.40		
4			15.40		15.40		15.40		15.40		
5	84,000	23,000	14.80	22,000	14.80	19,500	14.80	19,500	14.80		
6	21,000	21,000	12.80		12.80		12.80		12.80		
7	47,000		14.30		14.30	23,500	14.30	23,500	14.30		
8	23,000		14.20	23,000	14.20		14.20		14.20		
9			13.10		13.10		13.10		13.10		
10	33,000	16,500	14.60		14.60	16,500	14.60		14.60		
11	20,000		13.60		13.60		13.60	20,000	13.60		
12	18,000		14.90		14.90	18,000	14.90		14.90		
13	58,000	18,000	14.90	18,000	14.90		14.90	22,000	14.90		
14	42,000		14.90		14.90	42,000	14.90		14.90		
15	32,000	16,000	16.80		16.80		16.80	16,000	16.80		
16	41,000		20.50	20,000	20.50	21,000	20.50		20.50		
17	60,000	20,000	19.60		19.60	20,000	19.60	20,000	19.60		
18	19,000		18.90	19,000	18.90		18.90		18.90		
19	40,000		16.80		16.80	20,000	16.80	20,000	16.80		
20			16.00		16.00		16.00		16.00		
21	14,000	14,000	15.80		15.80		15.80		15.80		
22	32,000		17.40		17.40	16,000	17.40	16,000	17.40		
23			15.50		15.50		15.50		15.50		
24	42,000	19,000	16.30	23,000	16.30		16.30		16.30		
25	46,000		18.00		18.00	23,000	18.00	23,000	18.00		
26			15.90		15.90		15.90		15.90		
27	62,000	21,000	18.20		18.20	21,000	18.20	20,000	18.20		
28			16.90		16.90		16.90		16.90		
29	73,500	19,500	17.20	15,000	17.20	19,500	17.20	19,500	17.20		
30	39,000		17.50		17.50	19,000	17.50	20,000	17.50		
31	15,000	15,000	16.30		16.30		16.30		16.30		
TOTAL	990,500	249,000	492.80	140,000	492.80	322,000	492.80	279,500	492.80	0	0.00
AVERAGE	41,271	19,154	15.897	20,000	15.897	21,467	15.897	19,964	15.897	#DIV/0!	#DIV/0!

COPY AS NEEDED

3B

APR 2018 DAY	RAW WATER GAL	HIGH SERV GAL	ROG BPS GAL	SO. RD. BPS GAL	CER. BPS GAL	HRS. PLT. OPTD	POLY GAL USED	POLY LBS. USED	FL. LBS. USED	FL. X 0.23	POT. GAL. USED	POT. LBS. USED	CL2 #1 READING LBS	CL2 #2 READING LBS	CL2 PRE LBS	CL2 PST LBS	#1 BASIN CLEANED GAL.	#2 BASIN CLEANED GAL.	#3 BASIN CLEANED GAL.	#4 BASIN CLEANED GAL.	OPTR.	TIME 24 HR CLK
1	1,388,000	1,257,000	142,000	244,000	143,000	17.7	364	364	43	9.9	0.0	127.0	40	448	10	30					BARRY	2400
2	1,246,000	1,346,000	152,000	217,000	138,000	15.9	322	322	38	8.7	0.0	114.0	39	0	10	29					JERRY	2400
3	1,299,000	1,360,000	118,000	205,000	122,000	16.6	330	330	40	9.2	0.0	104.6	28	0	5	23					JERRY	2400
4	1,313,000	1,340,000	195,000	220,000	141,000	16.8	358	358	43	9.9	0.0	99.0	17	0	10	28					JERRY	2400
5	1,411,000	1,360,000	212,000	212,000	135,000	18.0	353	353	43	9.9	0.0	84.6	43	0	10	33					JERRY	2400
6	1,575,000	1,326,000	151,000	195,000	131,000	20.1	407	407	42	9.7	0.0	71.4	40	0	10	30					JERRY	2400
7	1,366,000	1,356,000	161,000	247,000	135,000	17.4	349	349	46	10.6	0.0	58.2	40	0	10	30					JERRY	2400
8	1,392,000	1,270,000	160,000	208,000	149,000	17.7	356	356	44	10.1	0.0	45.4	38	0	10	28					JERRY	2400
9	1,382,000	1,405,000	175,000	229,000	144,000	17.5	334	334	39	9.0	0.0	33.0	37	0	10	27					MARTIN	2400
10	1,618,000	1,386,000	159,000	224,000	141,000	20.5	381	381	49	11.3	0.0	19.0	42	0	10	32					MARTIN	2400
11	1,467,000	1,297,000	168,000	206,000	135,000	18.5	370	370	45	10.4	0.0	6.0	39	0	10	29					MARTIN	2400
12	1,344,000	1,386,000	154,000	229,000	131,000	17.0	316	316	36	8.3	0.0	0.0	38	5	10	33					MARTIN	2400
13	1,670,000	1,316,000	171,000	211,000	126,000	21.2	502	502	56	12.9	0.0	0.0	0	48	15	33					MARTIN	2400
14	1,304,000	1,390,000	166,000	236,000	128,000	16.3	368	368	41	9.4	0.0	0.0	0	102.0	36	10					MARTIN	2400
15	1,430,000	1,296,000	164,000	236,000	131,000	17.7	418	418	42	9.7	0.0	0.0	0	89.0	39	10					MARTIN	2400
16	1,263,000	1,280,000	158,000	217,000	132,000	15.6	406	406	38	8.7	0.0	0.0	0	77.8	34	10					MARTIN	2400
17	1,361,000	1,346,000	167,000	220,000	166,000	15.1	388	388	38	8.7	0.0	0.0	0	67.0	32	5					MARTIN	2400
18	1,541,000	1,450,000	147,000	239,000	145,000	16.0	366	366	38	8.7	0.0	0.0	0	54.0	39	10					MARTIN	2400
19	1,397,000	1,380,000	153,000	261,000	138,000	14.5	342	342	39	9.0	0.0	0.0	0	42.2	35	10					MARTIN	2400
20	1,357,000	1,336,000	180,000	214,000	133,000	14.1	331	331	36	8.3	0.0	0.0	0	31.6	32	5					MARTIN	2400
21	1,481,000	1,415,000	177,000	249,000	142,000	15.4	347	347	43	9.9	0.0	0.0	0	19.6	36	10					MARTIN	2400
22	1,273,000	1,287,000	169,000	243,000	134,000	13.2	294	294	39	9.0	0.0	0.0	0	7.8	35	10					MARTIN	2400
23	1,316,000	1,360,000	157,000	237,000	144,000	13.6	321	321	39	9.0	0.0	0.0	0	18	10	31					MARTIN	2400
24	1,406,000	1,380,000	166,000	239,000	135,000	14.3	325	325	38	8.7	0.0	0.0	0	5	10	29					MARTIN	2400
25	1,435,000	1,310,000	162,000	239,000	141,000	14.6	334	334	42	9.7	0.0	0.0	0	0	10	32					MARTIN	2400
26	1,304,000	1,260,000	161,000	221,000	132,000	13.2	286	286	38	8.7	0.0	0.0	0	0	10	32					MARTIN	2400
27	1,315,000	1,316,000	171,000	199,000	130,000	13.4	184	184	36	8.3	0.0	0.0	0	0	10	30					MARTIN	2400
28	1,565,000	1,460,000	204,000	245,000	136,000	15.9	323	323	45	10.4	0.0	0.0	0	0	10	34					MARTIN	2400
29	1,467,000	1,485,000	193,000	254,000	160,000	15.0	343	343	44	10.1	0.0	0.0	0	0	10	36					MARTIN	2400
30	1,460,000	1,485,000	188,000	238,000	144,000	15.0	314	314	41	9.4	0.0	0.0	0	0	10	32					MARTIN	2400
31																						
TOT	42,138,000	40,541,000	5,001,000	6,806,000	4,142,000	487.8	10410	1241	285.4	45.7	122.0	908	843	290	879	100,000	100,000	100,000	100,000	100,000	BASINS CLEAN	
		MAX		MAX	MAX			MAX	MAX	MAX			MAX	MAX	MAX						ONE	04/13/18
	1,670,000	1,485,000	212,000	261,000	166,000	21.2	502	502	56	13	4.6	122	150	448	15	36					TWO	04/13/18
	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN						
	1,246,000	1,237,000	118,000	195,000	122,000	13.2	184	184	36	0	4	0	29	27	10	29					THREE	04/10/18
	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.					FOUR	04/10/18
	1,404,600	1,351,367	166,700	226,867	138,067	16.3	347	41	9	4.2	4											

WHEN CL2 TANKS ARE CHANGED, BE SURE TO PUT WEIGHT AT TOP OF APPROPRIATE COLUMN!!!

4B

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY1110019  
 PLANT ID: A

REPORT MONTH/YEAR: 04/2018

PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: A		No: B		No: C		No: D		No:	
		AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS
1	39,000		17.70		17.70	19,000	17.70	20,000	17.70		
2	29,000	29,000	15.90		15.90		15.90		15.90		
3	49,000		16.60	19,000	16.60	15,000	16.60	15,000	16.60		
4	20,000	20,000	16.80		16.80		16.80		16.80		
5	30,000		18.00		18.00	15,000	18.00	15,000	18.00		
6	29,000	29,000	20.10		20.10		20.10		20.10		
7	60,000		17.40	23,000	17.40	18,500	17.40	18,500	17.40		
8			17.70		17.70		17.70		17.70		
9	58,500	19,500	17.50		17.50	19,500	17.50	19,500	17.50		
10			20.50		20.50		20.50		20.50		
11	72,000	18,000	18.50	18,000	18.50	18,000	18.50	18,000	18.50		
12			17.00		17.00		17.00		17.00		
13	80,000	20,000	21.20	20,000	21.20	20,000	21.20	20,000	21.20		
14	22,000		16.40		16.40		16.40	22,000	16.40		
15	44,000	23,000	17.70		17.70	21,000	17.70		17.70		
16	22,000		15.60		15.60		15.60	22,000	15.60		
17	69,000	22,000	15.10	25,000	15.10	22,000	15.10		15.10		
18	84,000	21,000	16.00		16.00	21,000	16.00	42,000	16.00		
19			14.50		14.50		14.50		14.50		
20			14.10		14.10		14.10		14.10		
21			15.40		15.40		15.40		15.40		
22			13.20		13.20		13.20		13.20		
23	114,000	50,000	13.60	20,000	13.60	20,000	13.60	24,000	13.60		
24			14.30		14.30		14.30		14.30		
25	22,000	22,000	14.60		14.60		14.60		14.60		
26	52,000		13.20	26,000	13.20	26,000	13.20		13.20		
27	45,000		13.40	21,000	13.40		13.40	24,000	13.40		
28			15.90		15.90		15.90		15.90		
29	46,000	23,000	15.00		15.00	23,000	15.00		15.00		
30	31,000		15.00	15,500	15.00		15.00	15,500	15.00		
31											
TOTAL	1,017,500	296,500	487.90	187,500	487.90	258,000	487.90	275,500	487.90	0	0.00
AVERAGE	48,452	24,708	16.263	20,833	16.263	19,846	16.263	21,192	16.263	#DIV/0!	#DIV/0!

COPY AS NEEDED

4B

MAY 2018 DAY	RAW WATER GAL	HIGH SERV GAL	ROG BPS	SO. RD. BPS GAL	CER. BPS GAL	HRS. P.L.T. OPTD	POLY GAL USED	POLY LBS. USED	FL. LBS. USED	FL. X LBS. USED	POT. GAL. USED	POT. LBS. USED	CL2 READING #1	CL2 READING #2	CL2 PRE LBS	CL2 PST LBS	#1 BASIN CLEANED GAL.	#2 BASIN CLEANED GAL.	#3 BASIN CLEANED GAL.	#4 BASIN CLEANED GAL.	OPTR.	TIME 24 HR CLK		
1	1,473,000	1,376,000	164,000	226,000	137,000	15.2		289	37	8.5	4.0	10.7	37.0	39	459	10	29				MARTIN	2400		
2	1,269,000	1,227,000	142,000	238,000	136,000	13.1		296	38	8.7	3.7	9.9	23.0	42	0	10	32				MARTIN	2400		
3	1,243,000	1,207,000	179,000	228,000	141,000	12.9		264	37	8.5	3.6	9.6	10.0	39	0	10	29				MARTIN	2400		
4	1,425,000	1,329,000	168,000	246,000	130,000	14.8		280	38	8.7	3.8	10.1	0.0	30	148.0	3	10	23			MARTIN	2400		
5	1,243,000	1,213,000	187,000	243,000	143,000	12.9		288	35	8.1	3.6	9.6		0	130.0	54	15	39			MARTIN	2400		
6	1,662,000	1,339,000	187,000	250,000	162,000	17.4		354	47	10.8	4.1	10.9		0	115.0	45	10	35		100,000	MARTIN	2400		
7	1,546,000	1,477,000	224,000	291,000	171,000	16.0		318	43	9.9	4.7	12.5		0	102.2	38	10	28		100,000	BARRY	2400		
8	1,808,000	1,442,000	164,000	301,000	169,000	18.7		373	53	12.2	5.6	14.9		0	86.2	48	15	33		100,000	BARRY	2400		
9	1,604,000	1,560,000	181,000	288,000	156,000	16.7		315	42	9.7	4.9	13.1		0	70.6	47	15	32			BARRY	2400		
10	1,577,000	1,409,000	178,000	245,000	167,000	16.3		313	46	10.6	4.8	12.8		0	55.0	47	15	32			BARRY	2400		
11	1,566,000	1,394,000	182,000	273,000	149,000	16.2		283	45	10.4	4.8	12.8		0	38.2	50	15	35			BARRY	2400		
12	1,596,000	1,544,000	221,000	316,000	184,000	16.5		270	45	10.4	4.9	13.1		0	22.2	45	15	25			BARRY	2400		
13	1,647,000	1,579,000	250,000	295,000	185,000	17.0		290	49	11.3	5.1	13.6	155.0	0	4.4	47	15	32			TOM	2400		
14	1,515,000	1,520,000	229,000	304,000	194,000	15.7		230	41	9.4	1.6	4.3	139.4	47		13	15	32			JERRY	2400		
15	1,599,000	1,433,000	171,000	267,000	191,000	16.5		240	45	10.4	1.7	3.2	121.4	54		0	15	39			JERRY	2400		
16	1,368,000	1,350,000	187,000	246,000	152,000	14.3		181	38	8.7	1.4	2.8	103.6	53		0	15	38			JERRY	2400		
17	1,289,000	1,235,000	215,000	218,000	164,000	13.5		171	37	8.5	1.4	2.6	88.0	47		0	10	37			JERRY	2400		
18	1,454,000	1,323,000	181,000	271,000	146,000	15.1		222	43	9.9	1.5	2.9	71.6	49		0	10	39			TOM	2400		
19	1,427,000	1,390,000	213,000	265,000	125,000	14.8		213	37	8.5	1.5	2.9	55.0	50		0	15	35			TOM	2400		
20	1,431,000	1,408,000	169,000	257,000	92,000	14.8		238	43	9.9	1.5	2.9	36.8	55		0	15	40			BARRY	2400		
21	1,447,000	1,376,000	204,000	257,000	134,000	15.0		234	46	10.6	1.5	2.9	20.2	50		0	10	40			BARRY	2400		
22	1,552,000	1,451,000	215,000	296,000	111,000	16.1		252	45	10.4	1.6	3.1	2.2	54	153.0	-459	15	39			BARRY	2400		
23	1,504,000	1,398,000	220,000	262,000	133,000	15.7		215	41	9.4	1.6	3.1	0.2	6	142.2	32	10	28			TOM	2400		
24	1,526,000	1,461,000	218,000	287,000	139,000	15.8		216	47	10.8	1.6	3.1		1	123.0	58	15	43			BARRY	2400		
25	1,437,000	1,410,000	211,000	258,000	119,000	14.4		190	43	9.9	1.4	2.8		0	104.6	55	15	40			BARRY	2400		
26	1,572,000	1,559,000	207,000	301,000	115,000	16.3		203	45	10.4	1.6	3.2		0	87.8	50	15	35			TOM	2400		
27	1,600,000	1,580,000	200,000	285,000	119,000	16.6		217	46	10.6	1.7	3.2		0	88.8	57	15	42			BARRY	2400		
28	1,559,000	1,491,000	221,000	253,000	121,000	16.1		193	44	10.1	1.6	3.1		0	51.0	53	10	43			BARRY	2400		
29	1,407,000	1,374,000	151,000	212,000	87,000	14.6		184	41	9.4	1.5	2.8		0	39.6	34	10	24			BARRY	2400		
30	1,327,000	1,227,000	159,000	247,000	86,000	13.6		216	39	9.0	1.4	2.7		0	27.4	37	10	27			BARRY	2400		
31	1,429,000	1,354,000	122,000	245,000	88,000	14.7		261	42	9.7	1.5	2.9		0	14.6	38	10	28			BARRY	2400		
TOT	46,089,000	43,446,000	5,973,000	8,171,000	4,346,000	477.3	0	7809	1318	303.1	85.0	208.3		615		853	395	1,053	100,000	100,000	100,000	100,000	BASINS CLEANED	
MAX		MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX		MAX		MAX	MAX	MAX					ONE	05/08/18
MIN	1,808,000	1,590,000	250,000	316,000	194,000	18.7	0	373	53	12	5.6	208		55		459	15	43				TWO	05/08/18	
AVG.	1,243,000	1,207,000	122,000	212,000	86,000	12.9	0	171	35	8	1	3		20		28	13	34				FOUR	05/08/18	
AVG.	1,486,742	1,401,484	192,677	263,581	140,194	15.4	0	252	43	10	2.7	7												

WHEN CL2 TANKS ARE CHANGED, BE SURE TO PUT WEIGHT AT TOP OF APPROPRIATE COLUMN!!!!

5B

POT. GAL. PLANT OP. HRS. X 3  
ALL HEADINGS IN YELLOW GO ON MOR  
=day max pumped  
=day min pumped

**KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH**  
**WATER TREATMENT PLANT - MONTHLY OPERATING REPORT**

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY1110019  
 PLANT ID: A  
 REPORT MONTH/YEAR: 05/2018  
 PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: A		No: B		No: C		No: D		No:	
		AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS
1	55,000	30,000	15.20		15.20	25,000	15.20		15.20		
2			13.10		13.10		13.10		13.10		
3			12.90		12.90		12.90		12.90		
4	44,000		14.80	22,000	14.80		14.80	22,000	14.80		
5			12.90		12.90		12.90		12.90		
6	54,000	29,000	17.40		17.40	25,000	17.40		17.40		
7			16.00		16.00		16.00		16.00		
8	50,000		18.70	25,000	18.70		18.70	25,000	18.70		
9	190,000	61,750	16.70	33,250	16.70	33,250	16.70	61,750	16.70		
10			16.30		16.30		16.30		16.30		
11			16.20		16.20		16.20		16.20		
12	95,000	23,750	16.50	23,750	16.50	23,750	16.50	23,750	16.50		
13			17.00		17.00		17.00		17.00		
14			15.70		15.70		15.70		15.70		
15	48,000		16.50		16.50	24,000	16.50	24,000	16.50		
16	52,000	26,000	14.30	26,000	14.30		14.30		14.30		
17			13.50		13.50		13.50		13.50		
18			15.10		15.10		15.10		15.10		
19			14.80		14.80		14.80		14.80		
20	61,500		14.80		14.80	28,500	14.80	33,000	14.80		
21			15.00		15.00		15.00		15.00		
22	50,000	25,000	16.10	25,000	16.10		16.10		16.10		
23			15.70		15.70		15.70		15.70		
24	34,000		15.80		15.80	17,000	15.80	17,000	15.80		
25			14.40		14.40		14.40		14.40		
26			16.30		16.30		16.30		16.30		
27	45,000	22,500	16.60	22,500	16.60		16.60		16.60		
28	45,000		16.10		16.10	22,500	16.10	22,500	16.10		
29			14.60		14.60		14.60		14.60		
30			13.60		13.60		13.60		13.60		
31	53,000	27,000	14.70	26,000	14.70		14.70		14.70		
TOTAL	876,500	245,000	477.30	203,500	477.30	199,000	477.30	229,000	477.30	0	0.00
AVERAGE	62,607	30,625	15.397	25,438	15.397	24,875	15.397	28,625	15.397	#DIV/0!	#DIV/0!

COPY AS NEEDED

5B

JUN 2018 DAY	RAW WATER GAL	HIGH SERV GAL	ROG BPS GAL	SO. RD. BPS GAL	CER. BPS GAL	HRS. PLT. OPTD	POLY GAL USED	POLY LBS. USED	FL LBS. USED	FL # X 0.23	POT. GAL. USED	POT LBS. USED	CL2 #1 READING LBS	CL2 #2 READING LBS	CL2 PRE PST LBS	CL2 LBS	#1 BASIN CLEANED GAL.	#2 BASIN CLEANED GAL.	#3 BASIN CLEANED GAL.	#4 BASIN CLEANED GAL.	OPTR.	TIME 24 HR CLK	
1	1,382,000	1,354,000	176,000	211,000	122,000	14.2	246	41	9.4	1.4	2.8	148.8	5	2.4	446	10	32				BARRY	2400	
2	1,622,000	1,472,000	171,000	260,000	128,000	16.7	270	49	11.3	1.7	3.3	132.0	50	7	10	40					BARRY	2400	
3	1,441,000	1,420,000	183,000	234,000	125,000	14.9	230	42	9.7	1.5	2.9	115.8	49	0	10	39					BARRY	2400	
4	1,595,000	1,542,000	183,000	290,000	134,000	16.5	254	47	10.8	1.7	3.2	100.4	46	0	10	36					JERRY	2400	
5	1,675,000	1,597,000	196,000	287,000	140,000	17.3	252	47	10.8	1.7	3.4	84.8	47	0	10	37					JERRY	2400	
6	1,705,000	1,562,000	241,000	254,000	156,000	17.7	260	49	11.3	1.8	3.5	68.6	49	0	10	39					JERRY	2400	
7	1,882,000	1,688,000	211,000	247,000	159,000	19.5	291	55	12.7	2.0	3.8	54.0	44	0	10	34					JERRY	2400	
8	1,904,000	1,526,000	231,000	221,000	131,000	19.7	291	53	12.2	2.0	3.8	39.8	43	0	10	33	100,000				JERRY	2400	
9	1,826,000	1,664,000	245,000	287,000	137,000	19.0	283	54	12.4	1.9	3.7	23.0	50	0	15	35					JERRY	2400	
10	1,694,000	1,650,000	215,000	288,000	135,000	17.6	245	49	11.3	1.8	3.4	9.0	42	0	10	32					JERRY	2400	
11	1,492,000	1,505,000	214,000	283,000	148,000	15.5	238	45	10.4	1.7	3.3	0.0	27	147.0	12	10	29				MARTIN	2400	
12	1,608,000	1,505,000	192,000	241,000	88,000	16.7	236	44	10.1	1.7	3.3		0	132.0	45	10	35				MARTIN	2400	
13	1,380,000	1,430,000	159,000	219,000	124,000	14.3	224	42	9.7	1.4	2.8		0	118.0	42	10	32				MARTIN	2400	
14	1,511,000	1,491,000	157,000	259,000	110,000	15.7	208	43	9.9	1.6	3.1		0	106.0	36	10	26				MARTIN	2400	
15	1,667,000	1,562,000	197,000	210,000	133,000	17.3	267	51	11.7	1.7	3.4		0	91.0	45	10	35				MARTIN	2400	
16	1,802,000	1,671,000	263,000	252,000	137,000	18.8	280	55	12.7	1.9	3.7		0	74.0	51	15	36				MARTIN	2400	
17	1,628,000	1,553,000	224,000	242,000	134,000	17.0	252	48	11.0	1.7	3.3		0	57.0	51	15	36				MARTIN	2400	
18	1,626,000	1,590,000	200,000	286,000	139,000	17.0	261	51	11.7	1.7	3.3		0	40.2	50	15	35				MARTIN	2400	
19	1,662,000	1,627,000	206,000	287,000	142,000	17.6	259	47	10.8	1.8	3.4		0	22.0	55	15	40				MARTIN	2400	
20	1,665,000	1,580,000	237,000	251,000	142,000	17.6	259	47	10.8	1.8	3.4		0	6.2	47	15	32				TOM	2400	
21	1,621,000	1,470,000	175,000	221,000	121,000	17.2	250	50	11.5	1.7	3.4		0	166.8	452	5	26				BARRY	2400	
22	1,609,000	1,490,000	198,000	268,000	111,000	17.0	245	47	10.8	1.7	3.3		0	142.6	43	10	33				BARRY	2400	
23	1,581,000	1,618,000	232,000	251,000	130,000	16.7	248	46	10.6	1.7	3.3		0	128.0	44	10	34				BARRY	2400	
24	1,567,000	1,477,000	209,000	229,000	122,000	16.8	241	47	10.8	1.7	3.2		0	112.4	47	15	32				BARRY	2400	
25	1,598,000	1,498,000	204,000	244,000	112,000	16.3	235	49	11.3	1.7	3.3		0	96.0	49	15	34				JERRY	2400	
26	1,547,000	1,519,000	189,000	244,000	112,000	16.3	251	44	10.1	1.6	3.2		0	80.8	46	15	31				JERRY	2400	
27	1,528,000	1,547,000	209,000	227,000	119,000	16.1	215	45	10.4	1.6	3.1		0	65.2	47	15	32				JERRY	2400	
28	1,530,000	1,413,000	173,000	222,000	90,000	16.1	223	46	10.6	1.6	3.1		0	49.6	47	15	32				JERRY	2400	
29	1,445,000	1,556,000	215,000	282,000	124,000	15.2	231	43	9.9	1.5	3.0		0	35.2	43	15	28				JERRY	2400	
30	1,712,000	1,582,000	232,000	279,000	131,000	17.9	272	52	12.0	1.8	3.5		0	16.8	55	15	40				JERRY	2400	
31																							
TOT	48,505,000	46,159,000	6,137,000	7,513,000	3,846,000	506.6	0	7528	1433	329.6	50.8	99	452	906	360	1,015	100,000	100,000	100,000	100,000	BASINS CLEANED		
	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX						ONE	06/08/18
	1,904,000	1,688,000	283,000	290,000	159,000	19.7	0	291	55	13	2.0	99	50	446	15	40	ALL HEADINGS IN YELLOW GO ON MOR				TWO	06/08/18	
	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN						THREE	06/07/18
	1,380,000	1,354,000	157,000	210,000	88,000	14.2	0	0	41	0	0	0	15	29	12	34	=day max pumped				FOUR	06/07/18	
	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.							
	1,616,833	1,538,633	204,567	250,433	128,200	16.9	0	243	48	11	1.6	3											
WHEN CL2 TANKS ARE CHANGED, BE SURE TO PUT WEIGHT AT TOP OF APPROPRIATE COLUMN!!!																							

6B

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY1110019  
 PLANT ID: A  
 REPORT MONTH/YEAR: 06/2018  
 PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: A		No: B		No: C		No: D		No:	
		AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS	AREA (square feet)	FILT RUN HRS
1			14.20		14.20		14.20		14.20		
2	54,500		16.70		16.70	26,500	16.70	28,000	16.70		
3			14.90		14.90		14.90		14.90		
4	72,000	36,000	16.50	36,000	16.50		16.50		16.50		
5			17.30		17.30		17.30		17.30		
6	43,000		17.70		17.70	22,000	17.70	21,000	17.70		
7			19.50		19.50		19.50		19.50		
8			19.70		19.70		19.70		19.70		
9	60,000	30,000	19.00	30,000	19.00		19.00		19.00		
10	52,000		17.60		17.60	26,000	17.60	26,000	17.60		
11			15.50		15.50		15.50		15.50		
12			16.70		16.70		16.70		16.70		
13			14.30		14.30		14.30		14.30		
14			15.70		15.70		15.70		15.70		
15	66,000	33,000	17.30	33,000	17.30		17.30		17.30		
16	57,000		18.80		18.80	30,000	18.80	27,000	18.80		
17			17.00		17.00		17.00		17.00		
18			17.00		17.00		17.00		17.00		
19			17.70		17.70		17.70		17.70		
20	67,500	33,500	17.60	34,000	17.60		17.60		17.60		
21	60,000		17.20		17.20	28,000	17.20	32,000	17.20		
22			17.00		17.00		17.00		17.00		
23			16.70		16.70		16.70		16.70		
24			16.60		16.60		16.60		16.60		
25			16.80		16.80		16.80		16.80		
26	90,000		16.30		16.30	51,000	16.30	39,000	16.30		
27	53,000	26,500	16.10	26,500	16.10		16.10		16.10		
28			16.10		16.10		16.10		16.10		
29			15.20		15.20		15.20		15.20		
30	68,000		17.90		17.90	34,000	17.90	34,000	17.90		
31											
TOTAL	743,000	159,000	506.60	159,500	506.60	217,500	506.60	207,000	506.60	0	0.00
AVERAGE	61,917	31,800	16.887	31,900	16.887	31,071	16.887	29,571	16.887	#DIV/0!	#DIV/0!

COPY AS NEEDED

6B



JULY 2018 DAY	RAW WATER GAL	HIGH SERV GAL	ROG BPS	SO. RD. BPS	CER. BPS	HRS. PLT. OPTD	POLY GAL USED	POLY LBS. USED	FL LBS. USED	FL # X 0.23	POT. GAL. USED	POT LBS. USED	CL2 READING #1 LBS	CL2 READING #2 LBS	CL2 PRE LBS	CL2 PST LBS	#1 BASIN CLEANED GAL.	#2 BASIN CLEANED GAL.	#3 BASIN CLEANED GAL.	#4 BASIN CLEANED GAL.	OPTR. GAL.	TIME 24 HR CLK	
1	1,638,000	1,611,000	229,000	272,000	122,000	17.2	257	49	11.3	1.7	3.4	133.0	62	451	15	37					JERRY	2400	
2	1,933,000	1,737,000	251,000	321,000	166,000	20.2	277	51	11.7	2.0	3.9	113.0	61	0	15	46					MARTIN	2400	
3	1,889,000	1,815,000	259,000	298,000	127,000	19.7	304	58	13.3	2.0	3.8	93.2	59	0	15	44					JOHN	2400	
4	1,958,000	1,708,000	256,000	277,000	153,000	20.5	305	60	13.8	2.1	4.0	73.0	61	0	15	46					MARTIN	2400	
5	1,817,000	1,767,000	291,000	260,000	136,000	19.0	260	52	12.0	1.9	3.7	55.0	54	0	15	39					MARTIN	2400	
6	1,690,000	1,699,000	244,000	239,000	135,000	17.7	261	52	12.0	1.8	3.5	37.0	54	0	15	39					MARTIN	2400	
7	1,890,000	1,866,000	260,000	250,000	131,000	19.8	301	56	12.9	2.0	3.9	150.2	0	0	15	36					MARTIN	2400	
8	1,899,000	1,861,000	286,000	249,000	136,000	20.0	315	56	12.9	2.0	3.9	0.0	0	0	15	44					JERRY	2400	
9	1,579,000	1,678,000	257,000	278,000	179,000	16.7	259	49	11.3	1.7	3.3	0	0	0	15	33					JERRY	2400	
10	1,988,000	1,670,000	263,000	268,000	164,000	17.6	314	56	12.9	1.8	3.4	0	0	0	15	49					JERRY	2400	
11	1,735,000	1,694,000	256,000	256,000	157,000	18.0	270	51	11.7	1.8	3.5	0	0	0	15	42					JERRY	2400	
12	1,743,000	1,611,000	227,000	274,000	184,000	18.1	218	51	11.7	1.8	3.5	0	0	0	15	40					JERRY	2400	
13	1,723,000	1,735,000	186,000	252,000	176,000	20.1	270	48	11.0	1.8	3.5	0	0	0	15	38					JERRY	2400	
14	2,063,000	1,735,000	186,000	215,000	108,000	22.6	359	57	13.1	2.0	3.9	0	0	0	15	39					JERRY	2400	
15	2,195,000	2,203,000	228,000	215,000	108,000	22.6	404	64	14.7	2.3	4.4	153.8	-461	11.6	15	46					TOM	2400	
16	2,044,000	1,967,000	200,000	266,000	158,000	21.1	420	81	18.6	2.1	4.1	140.0	41	0.0	15	41					JERRY	2400	
17	1,883,000	1,450,000	108,000	259,000	156,000	19.5	388	88	20.2	2.0	3.8	123.2	50	0	15	35					JERRY	2400	
18	1,526,000	1,535,000	166,000	240,000	179,000	16.3	312	34	7.8	1.6	3.2	107.6	47	0	15	32					JERRY	2400	
19	1,605,000	1,489,000	164,000	255,000	151,000	16.8	317	46	10.6	1.7	3.3	91.2	49	0	15	34					JERRY	2400	
20	1,697,000	1,346,000	221,000	223,000	148,000	17.5	345	62	14.3	1.8	3.4	72.8	55	0	15	40					JERRY	2400	
21	1,889,000	1,877,000	290,000	244,000	165,000	19.5	370	61	14.0	2.0	3.8	50.2	68	0	15	53					JERRY	2400	
22	1,662,000	1,597,000	155,000	235,000	141,000	17.3	320	45	10.4	1.7	3.4	28.0	67	0	15	52					JERRY	2400	
23	1,528,000	1,517,000	190,000	214,000	157,000	16.1	290	39	9.0	1.6	3.1	11.0	51	0	15	36					MARTIN	2400	
24	1,606,000	1,490,000	161,000	242,000	141,000	17.0	302	41	9.4	1.7	3.3	0.4	32	0	10	22					MARTIN	2400	
25	1,666,000	1,725,000	184,000	248,000	161,000	17.5	312	45	10.4	1.8	3.4	0	0	0	10	26					MARTIN	2400	
26	1,746,000	1,666,000	198,000	249,000	132,000	18.0	308	43	9.9	1.8	3.5	0	0	0	15	36					MARTIN	2400	
27	1,662,000	1,594,000	215,000	295,000	165,000	17.0	325	42	9.7	1.7	3.3	0	0	0	15	30					MARTIN	2400	
28	1,712,000	1,631,000	181,000	263,000	144,000	17.7	312	42	9.7	1.8	3.5	0	0	0	15	33					MARTIN	2400	
29	1,628,000	1,704,000	200,000	177,000	168,000	16.8	321	55	12.7	1.8	3.5	0	0	0	15	36					MARTIN	2400	
30	1,628,000	1,536,000	177,000	233,000	150,000	16.8	311	57	13.1	1.7	3.3	0	0	0	15	42					JERRY	2400	
31	1,508,000	1,454,000	166,000	247,000	151,000	16.1	290	48	11.0	1.6	3.1	0	0	0	15	30					JERRY	2400	
TOT	54,773,000	51,767,000	6,639,000	7,946,000	4,698,000	567.2	9617	1639	377.0	56.7	111	442	1214	455	1,196	100,000	100,000	100,000	100,000	100,000	BASINS CLEANED		
	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	POT. GAL. = PLANT OP. HRS. X 3				ONE	07/14/18
	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	ALL HEADINGS IN YELLOW GO ON MOR				TWO	07/14/18
	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	=day max pumped				THREE	07/17/18
	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	=day min pumped				FOUR	07/17/18

WHEN CL2 TANKS ARE CHANGED, BE SURE TO PUT WEIGHT AT TOP OF APPROPRIATE COLUMN!!!

7B

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY1110019  
 PLANT ID: A  
 REPORT MONTH/YEAR: 07/2018  
 PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: A		No: B		No: C		No: D		No:	
		WASHWATER GALLONS	AREA (square feet)	FILT RUN HRS	WASHWATER GALLONS	AREA (square feet)	FILT RUN HRS	WASHWATER GALLONS	AREA (square feet)	FILT RUN HRS	WASHWATER GALLONS
1			17.20		17.20		17.20		17.20		
2			20.20		20.20		20.20		20.20		
3	106,000		19.70		19.70	34,000	19.70	72,000	19.70		
4	65,000	34,000	20.50	31,000	20.50		20.50		20.50		
5			19.00		19.00		19.00		19.00		
6	64,000		17.70		17.70	31,000	17.70	33,000	17.70		
7			19.80		19.80		19.80		19.80		
8	73,000	37,000	20.00	36,000	20.00		20.00		20.00		
9			16.70		16.70		16.70		16.70		
10	44,000		17.60		17.60	22,000	17.60	22,000	17.60		
11			18.00		18.00		18.00		18.00		
12	78,000	39,000	18.10	39,000	18.10		18.10		18.10		
13	74,000		18.10		18.10	37,000	18.10	37,000	18.10		
14			20.10		20.10		20.10		20.10		
15	20,000	20,000	22.60		22.60		22.60		22.60		
16	73,000		21.10	35,000	21.10	38,000	21.10		21.10		
17	24,000		19.50		19.50		19.50	24,000	19.50		
18			16.30		16.30		16.30		16.30		
19			16.80		16.80		16.80		16.80		
20			17.50		17.50		17.50		17.50		
21	68,500	34,500	19.50	34,000	19.50		19.50		19.50		
22	67,000		17.30		17.30	35,000	17.30	32,000	17.30		
23			16.10		16.10		16.10		16.10		
24			17.00		17.00		17.00		17.00		
25	128,000	64,000	17.50	64,000	17.50		17.50		17.50		
26			18.00		18.00		18.00		18.00		
27	88,000		17.00		17.00	44,000	17.00	44,000	17.00		
28			17.70		17.70		17.70		17.70		
29			17.70		17.70		17.70		17.70		
30	63,000	37,000	16.80	26,000	16.80		16.80		16.80		
31			16.10		16.10		16.10		16.10		
TOTAL	1,035,500	265,500	567.20	265,000	567.20	241,000	567.20	264,000	567.20	0	0.00
AVERAGE	69,033	37,929	18.297	37,857	18.297	34,429	18.297	37,714	18.297	#DIV/0!	#DIV/0!

COPY AS NEEDED

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