SOUTHEASTERN WATER ASSOCIATION 147 EAST SOMERSET CHURCH ROAD SOMERSET, KY. 42503 606-678-5501

Item #8 (Other Water Use)

- a. System Flushing is defined as water used to resolve customer complaints as well as meeting flushing requirements set forth by the Division of Water for required maintenance and main line cleaning.
- b. Fire Department usage is taken from the monthly reports from the County Fire Commission. If no reports are received a portion of the total loss of .5 to 1 percent is used.
- c. Flushing for Compliance is a report generated for use of the water system for determining the cost of water used to stay in compliance with the Stage11 water sampling as required by the EPA. We are no longer keeping tow flushing reports as a request by the PSC on our last inspection.
- d. These items are added together for the total water used.
- e. The totals are entered on an excel spreadsheet uploaded from the KRWA Website. All formulas are included in the water loss tables for flushing as well as leaks. The time flushed, size water main and pressure on the water main is entered to generate total water flushed. Our service personnel turn in daily papers with this information which is entered in the spread sheets and daily papers are discarded.
- f. Please find enclosed a copy of the PSC water loss Monthly spread sheets that are used to determine the total usage and yearly reports.

	PUBLIC	C SERVICE COM	MISS	SION
	r F	Monthly Water Loss Rep	ort	
Water U	tility:	SW	IA	
For the	Month of:	JAN	Year	2019
				(eAMLONEX (OMILIODE))
1	WATER PRODUCED	AND PURCHASED		<u>, , , , , , , , , , , , , , , , , , , </u>
2	Water Produced			<u>.</u>
3	Water Purchased			48,270,300
4		TOTAL PRODUCED AND PUR	CHASED	48,270,300
5	· · · · · · · · · · · · · · · · · · ·	! 		
. 6	WATER SALES			
7	Residential			21,497,559
8	Commercial			1,594,420
9	Industrial			
10	Bulk Loading Stations	5	l	500.000
11	Wholesale			528,600
12	Public Authorities		:	
13 14	Other Sales (explain)			23,620,579
15	l		R SALES	23,020,319
16	OTHER WATER USI	 =n	• ·	
17	Utility and/or Water T		. <u></u>	<u> </u>
18	Wastewater Plant		i	
19	System Flushing		1	6,062,500
20	Fire Department		í	235,723
21	Other Usage (explain	(Compliance)	i	8,319,973
22			ER USED	14,618,196
23			ļ	
24	WATER LOSS]		
25	Tank Overflows		1	
26	Line Breaks		1	5,056,084
27	Line Leaks	1		4,975,441
28	Excavation Damages	1		
29	Theft	1		
30	Other Loss	·		in a state and a state of the s
31		TOTAL WAT	ERLOSS	10,031,525
32	Note: Line 14 + Line	99 J line 94 MURT Frid Line 4	: 	
33		22 + Line 31 MUST Equal Line 4		
34 35	WATER LOSS PERC			
36	(Line 31 divided by Li			20.78%
	THERE OF ANY CONTRACT DY L		1	2 .

Water Utility:		SWA		
For the	Month of:	February	Year:	2019
LINE #		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED A	ND PURCHASED		
2	Water Produced			
3	Water Purchased			48,525,300
4	TOTAL PRODUCED AND PURCHASED		PURCHASED	48,525,300
5				
6	WATER SALES			
7	Residential			22,397,500
8	Commercial			1,127,800
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			572,600
12	Public Authorities			
13	Other Sales (explain)			
14	,	TOTAL V	VATER SALES	24,097,900
15	N			
16	OTHER WATER USED			
17	Utility and/or Water Trea	atment Plant	55.110	
18	Wastewater Plant			
19	System Flushing			7,570,500
20	Fire Department			41,000
21	Other Usage (explain) (0	Conpliance)		9,154,131
22		TOTAL OTHER	WATER USED	16,765,631
23	•			
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			4,892,780
27	Line Leaks			2,768,989
28	Excavation Damages			
29	Theft			
30	Other Loss			A State of the second
31		TOTAL	WATER LOSS	7,661,769
32 33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line 4		
34 35	WATER LOSS PERCE	NTAGE		
36				15.79%

Water Utility:		SWA		
For the	e Month of:	March	Year:	2019
1.181=#		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED A	ND PURCHASED		In state of the bar of
2	Water Produced		See.	
3	Water Purchased			47,831,000
4		TOTAL PRODUCED AND PURC	HASED	47,831,000
5	A I I I I I I I I I I I I I I I I I I I			
6	WATER SALES			
7	Residential			19,582,160
8	Commercial			834,200
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			479,900
12	Public Authorities			
13	Other Sales (explain)		10.55	1
14		TOTAL WATER	SALES	20,896,260
15				
16	OTHER WATER USED			
17	Utility and/or Water Trea			
18	A second s	OTHER)		7,994,973
19	System Flushing			7,485,825
20	Fire Department			40,000
21	Other Usage (explain) ((DUOED	7,982,942
22 23		TOTAL OTHER WATE	RUSED	23,503,740
23	WATER LOSS			
24	Tank Overflows			
26	Line Breaks			6,854,167
27	Line Leaks			4,571,806
28	Excavation Damages			4,571,000
29	Theft			
30	Other Loss			
31		TOTAL WATE	RLOSS	11,425,973
32	L			1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line 4		
34				
35	WATER LOSS PERCE	NTAGE		
36	(Line 31 divided by Line			23.89%
			the second s	

Water Utility:		SWA			
For the Month of:		April	Year:	2019	
		Арл		2010	
LINE #		ITEM	GA	LLONS (Omit 000's)	
1	WATER PRODUCED	AND PURCHASED			
2	Water Produced				
3	Water Purchased			41,872,400	
4		TOTAL PRODUCED AND PL	JRCHASED	41,872,400	
5					
6	WATER SALES				
7	Residential			19,905,320	
8	Commercial			991,470	
9	Industrial				
10	Bulk Loading Stations				
11	Wholesale			597,000	
12	Public Authorities				
13	Other Sales (explain) _		100		
14		TOTAL WAT	TER SALES	21,493,790	
15					
16	OTHER WATER USED				
17	Utility and/or Water Tre	atment Plant			
18	FIRE DEPT			17,100	
19	System Flushing			7,553,970	
20	Compliance			5,301,638	
22		TOTAL OTHER WA	ATER USED	12,872,708	
23					
24	WATER LOSS				
25	Tank Overflows				
26	Line Breaks			3,709,100	
27	Line Leaks			2,840,302	
28	Excavation Damages				
29	Theft				
30	Other Loss				
31		TOTAL WA	ATER LOSS	6,549,402	
32				4	
33	Note: Line 14 + Line 22	2 + Line 31 MUST Equal Line 4		1	
34					
35	WATER LOSS PERCE				
36	6 (Line 31 divided by Line 4)		15.64%		

Water Utility:		SWA		
For the	Month of:	May	Year:	2019
LINE #		ITEM	GAL	LONS (Omit 000's)
Insidebitedbiddi	WATER PRODUCED A			
2	Water Produced			
3	Water Purchased			43,215,900
4		TOTAL PRODUCED AND F	PURCHASED	43,215,900
5				
6	WATER SALES			
7	Residential			23,360,080
8	Commercial			1,043,370
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			555,600
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL W	ATER SALES	24,959,050
15				
16	OTHER WATER USED			
17	Utility and/or Water Trea	atment Plant		
18	Wastewater Plant			
19	System Flushing			6,070,500
20	Fire Department			150,000
21	Other Usage (explain) (C			3,685,728
22		TOTAL OTHER W	VATER USED	9,906,228
23	MATERIOSS			
24	WATER LOSS			
25 26	Tank Overflows			4 800 600
20	Line Breaks Line Leaks			4,800,600
27				3,550,022
20	Excavation Damages			
30	Other Loss			
31	Other Loss	TOTAL	VATER LOSS	8,350,622
32		TOTAL		0,000,022
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line 4		
34 35	WATER LOSS PERCEI	NTAGE		
36	(Line 31 divided by Line	4)	1	19.32%

Water Utility:		SWA		
For the	e Month of:	June	Year:	2019
LINE #		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED A	ND PURCHASED		
2	Water Produced		1941	
3	Water Purchased			50,648,600
4		TOTAL PRODUCED AN	D PURCHASED	50,648,600
5				
6	WATER SALES			
7	Residential			27,556,990
8	Commercial			1,717,410
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			663,900
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL	WATER SALES	29,938,300
15				
16	OTHER WATER USED			
17	Utility and/or Water Trea	tment Plant		
18	Wastewater Plant			
19	System Flushing			4,208,400
20	Fire Department			11,450
21	Other Usage (explain) (C			4,500,203
22		TOTAL OTHER	R WATER USED	8,720,053
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			6,811,200
27	Line Leaks			5,179,047
28	Excavation Damages			
29	Theft			
30	Other Loss			
31		TOTA	L WATER LOSS	11,990,247
32	Notes Line 44 + Line 00			
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line	4	
34	WATED LOOD DEDOE			
35	WATER LOSS PERCEI			00.070/
36	(Line 31 divided by Line 4)		23.67%	

Water Utility:		SWA		
For the	e Month of:	July	Year:	2019
LINE #		ITEM	GAI	LONS (Omit 000's)
1	WATER PRODUCED		No. In the second s	her han belie her filt fan die her her her her her die her her her her her her her her her he
2	Water Produced			
3	Water Purchased			51,738,200
4	Water F dronaoed	TOTAL PRODUCED AN	DPURCHASED	51,738,200
5		101/1211/0200121/11		.,
6	WATER SALES			
7	Residential		1.5	25,623,384
8	Commercial			1,400,800
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			662,870
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL	WATER SALES	27,687,054
15				
16	OTHER WATER USE			
17	Utility and/or Water Tre	eatment Plant		
18	Wastewater Plant			
19	System Flushing			7,306,000
20	Fire Department			23,200
21	Other Usage (explain)			5,796,799
22		TOTAL OTHER	WATER USED	13,125,999
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			8,052,000
27	Line Leaks			2,873,147
28	Excavation Damages			
29 30	Theft Other Loss			돌 : ' ' ' 등 ' 글 등 ' 글
31	Other Loss	тота	WATER LOSS	10,925,147
32		TOTAL	WATER LOSS	10,525,147
33	Note: Line 14 + Line 2	2 + Line 31 MUST Equal Line	4	
34				
35	WATER LOSS PERCE	ENTAGE		
36	(Line 31 divided by Lin	e 4)		21.12%

Water Utility:		SWA		
For the	Month of:	August	Year:	2019
LINE #		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED A	AND PURCHASED	Productive of the second second second second	
2	Water Produced		10111	
3	Water Purchased			54,095,200
4		TOTAL PRODUCED AND F	URCHASED	54,095,200
5				
6	WATER SALES			
7	Residential		0.346	28,714,379
8	Commercial			1,575,500
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			749,100
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL WA	ATER SALES	31,038,979
15	7			
16	OTHER WATER USED)		
17	Utility and/or Water Tre	atment Plant		
18	Wastewater Plant			
19	System Flushing			9,022,200
20	Fire Department			6,200
21	Other Usage (explain)(5,856,679
22		TOTAL OTHER W	ATER USED	14,885,079
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			6,396,525
27	Line Leaks			1,774,617
28	Excavation Damages			
29	Theft			
30	Other Loss			
31		TOTAL W	ATER LOSS	8,171,142
32	Material and a star			
33	Note: Line 14 + Line 22	2 + Line 31 MUST Equal Line 4		
34	WATED LOOD DEDOT	NTAOE		
35	WATER LOSS PERCE			10 1101
36	(Line 31 divided by Line	9 4)		15.11%

Water Utility:		SWA		
For the	Month of:	September	Year:	2019
		September		2013
LINE #		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED AN	D PURCHASED		
2	Water Produced			
3	Water Purchased			52,288,600
4		TOTAL PRODUCED AND	PURCHASED	52,288,600
5				
6	WATER SALES			
7	Residential			28,263,020
8	Commercial			1,454,600
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			739,300
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL W	ATER SALES	30,456,920
15				
16	OTHER WATER USED	the second s		
17	Utility and/or Water Treat	ment Plant		
18	Wastewater Plant			
19	System Flushing			7,621,154
20	Fire Department			14,260
21	Other Usage (explain) (Co			6,155,908
22		TOTAL OTHER	WATER USED	13,791,322
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			6,038,600
27	Line Leaks			2,001,758
28	Excavation Damages			
29	Theft			
30	Other Loss	TOTAL		0.040.050
31		TOTAL	WATER LOSS	8,040,358
32 33	Note: Line 14 + Line 22 +	Line 31 MUST Equal Line 4		
34 35	WATER LOSS PERCEN	TAGE		
36	(Line 31 divided by Line 4		(書) =2	15.38%
		1	A CONTRACTOR OF	

Water Utility:		SWA			
For the Month of:		October	Year:	2019	
LINE #		ITEM	GAL	LONS (Omit 000's)	
1	WATER PRODUCED AN	ID PURCHASED			
2	Water Produced			wards and book	
3	Water Purchased			49,632,100	
4		TOTAL PRODUCED AND P	URCHASED	49,632,100	
5					
6	WATER SALES				
7	Residential			25,806,934	
8	Commercial			1,123,600	
9	Industrial				
10	Bulk Loading Stations				
11	Wholesale			646,900	
12	Public Authorities				
13	Other Sales (explain)				
14		TOTAL WA	TER SALES	27,577,434	
15					
16	OTHER WATER USED				
17	Utility and/or Water Treat	ment Plant			
18	Wastewater Plant				
19	System Flushing			6,193,500	
20	Fire Department			97,100	
21	Other Usage (explain) (Co		100	7,065,965	
22		TOTAL OTHER W	ATER USED	13,356,565	
23					
24	WATER LOSS				
25	Tank Overflows				
26	Line Breaks			3,840,075	
27	Line Leaks			4,858,026	
28	Excavation Damages				
29	Theft			「「「「「「「」」「「」「「」」「「」」「「」」	
30	Other Loss				
31		TOTAL W	ATER LOSS	8,698,101	
32	Noter Line 14 Line 00	Line 24 MUCT French Line 4			
33	Note: Line 14 + Line 22 -	+ Line 31 MUST Equal Line 4			
34	WATER LOOP REPORT	7405			
35	WATER LOSS PERCEN			1	
36	(Line 31 divided by Line 4	4)	307.4	17.53%	

Water Utility:		SWA		
For the Month of:		November	Year:	2019
LINE#		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED	AND PURCHASED		
2	Water Produced			
3	Water Purchased			52,066,500
4		TOTAL PRODUCED AND I	PURCHASED	52,066,500
5				
6	WATER SALES			
7	Residential			25,896,950
8	Commercial			1,177,200
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			619,900
12	Public Authorities			
13	Other Sales (explain)			
14	· · · · · · · · · · · · · · · · · · ·	TOTAL W	ATER SALES	27,694,050
15				
16	OTHER WATER USE			
17	Utility and/or Water Tr	eatment Plant		
18	Wastewater Plant			
19	System Flushing			6,126,000
20	Fire Department			23,700
21	Other Usage (explain)	COMPLIANCE FLUSHING		8,445,378
22		TOTAL OTHER W	VATER USED	14,595,078
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			6,756,440
27	Line Leaks			3,020,932
28	Excavation Damages			
29	Theft			
30	Other Loss		ATERICOR	0 777 070
31		TOTAL	VATER LOSS	9,777,372
32	Notor Line 14 Line 1	20 Line 21 MUCT Fruit Line 4		
33	Note: Line 14 + Line 2	22 + Line 31 MUST Equal Line 4		
34		ENTAGE		
35	WATER LOSS PERC		Luce and the second	10 700/
36	(Line 31 divided by Lir	le 4)	- TRANS	18.78%

Water	Utility:	SWA		
For the	Month of:	DEC	Year:	2019
LINE #	NE #		GAL	LONS (Omit 000's)
1	WATER PRODUCED A	ND PURCHASED		
2	Water Produced			
3	Water Purchased			42,911,100
4		TOTAL PRODUCED AND P	URCHASED	42,911,100
5				
6	WATER SALES			
7	Residential			22,143,110
8	Commercial			988,020
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			563,600
12	Public Authorities			
13	Other Sales (explain)			
14		TOTAL WA	TER SALES	23,694,730
15				
16	OTHER WATER USED	1		
17	Utility and/or Water Tre	atment Plant		
18	Wastewater Plant			
19	System Flushing			4,402,200
20	Fire Department			1,400
21	Other Usage (explain) (Compliance Flushing)		7,053,530
22		TOTAL OTHER W	ATER USED	11,457,130
23				
24	WATER LOSS			
25	Tank Overflows		主 (1951)	
26	Line Breaks			4,756,550
27	Line Leaks			3,002,690
28	Excavation Damages			
29	Theft			
30	Other Loss			
31		TOTAL W	ATER LOSS	7,759,240
32	1 2421 5077 - 3415 - XANDI - 44-24 - 2484A			
33	Note: Line 14 + Line 22	2 + Line 31 MUST Equal Line 4		
34				
35	WATER LOSS PERCE			
36	6 (Line 31 divided by Line 4)			18.08%

Water Utility: [SWA		
		Annual	Year:	2019
LINE #		ITEM	G/	ALLONS (Omit 000's)
1	WATER PRODUCED A	and ship with the second se		Contractor for Activity Contractor Information Activ
2	Water Produced			-
3	Water Purchased			583,095,200
4		TOTAL PRODUCED	AND PURCHASED	583,095,200
5				
6	WATER SALES			
7	Residential			290,747,386
8	Commercial			15,028,390
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			7,379,270
12	Public Authorities			
13	Other Sales (explain)			
14		TOTA	AL WATER SALES	314,211,547
15				
16	OTHER WATER USED			
17	Utility and/or Water Trea	atment Plant		
18	Wastewater Plant			
19	System Flushing			79,622,749
20	Fire Department			2,041,723
21	Other Usage (explain) (Compliance Flushing)	1	79,318,874
22		TOTAL OTH	ER WATER USED	160,983,346
23				
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			67,964,121
27	Line Leaks			41,415,777
28	Excavation Damages			
29	Theft			200,000
30	Other Loss			and the second
31		TOT	TAL WATER LOSS	109,579,898
32	N. 4 . 1			
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Li	ne 4	
34				
35	WATER LOSS PERCE			
36	(Line 31 divided by Line	9 4)	10-1	18.78%