



### Flushing For Stage 2 Compliance

SWA (stage 2 flushing new compliance) (name of Wat

Month **FEB**  
Year **2018**

ky1000311 (PWSID)

Formula:  $GPM = 29.83 \text{ cd}^2 \sqrt{p}$  unit conversion factor **29.83**  
coefficient value **0.95**

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT10	360.00	2.0	165	1456	524,181
	RT 36	480.00	4.5	135	6668	3,200,442
	RT 16	360.00	2.5	165	2275	819,033
	RT 11	360.00	2.0	180	1521	547,489
	jasper bend	45.00	2.5	150	2169	97,615
	jasper bend	120.00	2.0	155	1411	169,350

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Total Gallons for Month **5,358,110**

## Flushing For Stage 2 Compliance

**SWA (stage 2 flushing new compliance)** (name of Wa

**Month**  
**Year**

**MARCH**  
**2018**

**1000311** (PWSID)

unit conversion factor

29.83

$GPM = 29.83 \text{ cd}^2 \sqrt{p}$

coefficient value

0.95

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	BURKET LA	120.00	4.0	70	3794	455,226
	STRAWBERRY LA	30.00	4.0	75	3927	117,801
	HWY 1643	30.00	4.0	60	3512	105,364
	JASPER BEND	60.00	4.0	60	3512	210,729
	HAMMON CAMP	30.00	4.0	150	5553	166,596
	TANK O. F. CANNONBAL	120.00	4.0	20	2028	243,329
	TANK O. F. CANNONBAL	120.00	4.0	20	2028	243,329
	HWY 934	30.00	4.0	85	4180	125,409
	DIX BEND	180.00	4.0	120	4967	894,046
	HAMMON CAMP	120.00	4.0	160	5735	688,237
	JASPER BEND	180.00	3.0	160	3226	580,700
	PARADICE ACERS	120.00	4.0	150	5553	666,383
	DIAMOND ACERS	60.00	2.5	85	1633	97,976
	RT 40	360.00	4.5	165	7371	2,653,667
	RT16	360.00	4.5	185	7805	2,809,896
	RT 40	480.00	2.5	175	2343	1,124,649

Signed: \_\_\_\_\_

**Total Gallons for Month** **11,183,335**

## Flushing For Stage 2 Compliance

SWA (stage 2 flushing new compliance) (name of Wa

Month  
Year

APR  
2018

ky1000311 (PWSID)

unit conversion factor  
coefficient value

29.83  
0.95

$$GPM = 29.83 \text{ cd}^2 \sqrt{p}$$

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT 40	240.00	4.5	165	7371	1,769,111
	RT10	360.00	4.5	160	7259	2,613,150
	RT 36	240.00	4.5	180	7699	1,847,776
	RT 24	240.00	4.5	175	7591	1,821,932
	RT 16					

Signed: \_\_\_\_\_

Total Gallons for Month 8,051,970



# Flushing For Stage 2 Compliance

**SWA (stage 2 flushing new compliance)** (name of Wa

Month  
Year

<b>JUNE</b>
<b>2018</b>

**ky1000311** (PWSID)

unit conversion factor  
GPM = 29.83  $cd^2 \sqrt{p}$  coefficient value

29.83
0.95

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT 11	240.00	4.5	170	7482	1,795,716
	RT10	360.00	4.0	185	6167	2,220,165
	RT16	360.00	3.0	180	3422	1,231,851
	RT 36	360.00	3.0	205	3652	1,314,616
	paradice acers	240.00	3.0	165	3276	786,272
	jasper bend	360.00	3.0	160	3226	1,161,400
	jasper bend					

Signed: \_\_\_\_\_

**Total Gallons for Month** **8,510,019**

**Flushing For Stage 2 Compliance**

**SWA (stage 2 flushing new compliance)** (name of Wa

Month  
Year

**JULY**  
**2018**

**ky1000311** (PWSID)

unit conversion factor 29.83  
GPM =  $29.83 \text{ cd}^2\sqrt{p}$  coefficient value 0.95

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT 16	360.00	4.5	180	7699	2,771,664
	RT 36	360.00	4.5	185	7805	2,809,896
	RT 11	240.00	4.5	165	7371	1,769,111
	RT1	360.00	4.5	220	8512	3,064,190
	RT 6	240.00	4.5	210	8316	1,995,826

Signed: \_\_\_\_\_

Total Gallons for Month **12,410,688**





**Flushing For Stage 2 Compliance**

**SWA (stage 2 flushing new compliance)** (name of Wa

**Month** **SEPT**  
**Year** **2018**

**ky1000311** (PWSID)

GPM = 29.83  $cd^2\sqrt{p}$       unit conversion factor      29.83  
 coefficient value      0.95

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT 11	240.00	4.5	150	7028	1,686,781
	RT 10	360.00	4.5	180	7699	2,771,664
	RT 40	240.00	4.5	185	7805	1,873,264
	RT 36	360.00	4.5	185	7805	2,809,896
	RT 35	360.00	2.5	145	2133	767,792

Signed: \_\_\_\_\_

**Total Gallons for Month** **9,909,397**

# Flushing For Stage 2 Compliance

SWA (stage 2 flushing new compliance) (name of Wa

Month  
Year

OCT
2018

ky1000311 (PWSID)

unit conversion factor  
coefficient value

29.83
0.95

$$\text{GPM} = 29.83 \text{ cd}^2 \sqrt{p}$$

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	HAILS HAVEN	240.00	4.5	185	7805	1,873,264
	POPERVILLE	360.00	4.5	200	8116	2,921,591
	1003 AND 192	360.00	1.5	155	794	285,777
	RT 10	240.00	4.5	165	7371	1,769,111
	RT 11	240.00	4.5	145	6910	1,658,430
	RT 1	360.00	4.5	185	7805	2,809,896
	RT 6	360.00	4.5	210	8316	2,993,740

Signed: \_\_\_\_\_

Total Gallons for Month **14,311,809**

## Flushing For Stage 2 Compliance

SWA (stage 2 flushing new compliance) (name of Wa

Month  
Year

NOV  
2018

ky1000311 (PWSID)

Formula:  $GPM = 29.83 \text{ cd}^2/\sqrt{p}$   
unit conversion factor: 29.83  
coefficient value: 0.95

Date	Hydrant Location and/or Number	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pressure	GPM	Gallons Flowed
	RT40	240.00	4.5	200	8116	1,947,727
	RT11	240.00	4.5	185	7805	1,873,264
	RT 10	120.00	4.5	160	7259	871,050
	RT 36	240.00	4.5	210	8316	1,995,826
	RT16	180.00	4.5	165	7371	1,326,833
	RT 6					

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Total Gallons for Month 8,014,701





**SWA PWSID KY1000311  
FLUSH LOG 2018**

**Feb 2018**

<b>Date</b>	<b>Location of Leak</b>	<b>Line Size</b>	<b>Est. GPM</b>	<b>Duration of Leak (min)</b>	<b>Est. Loss (Gals.)</b>
mth	flush freeze hi bridge	3/4 in	30	21600	648,000
mth	keno resort	6	450	480	216,000
mth	us 27 bridge	6	360	2880	1,036,800
mth	dahl bridge	3/4 in	15	480	7,200
mth	keno	4	200	360	72,000
mth cabin	hollow bridge	3/4 in	30	2880	86,400
	hwy 70	6 in	500	1440	720,000
	hwy 39	12 in	750	1440	1,080,000
	HWY 70	6	500	360	180,000
	Paradice acers	4	350	1440	504,000
	Paradice acers	6in	550	360	198,000
	Paradice acers	6in	550	1440	792,000
	jasper bnd	6in	600	480	288,000
	jasper bnd	6in	600	1440	864,000
	jasper bnd	6in	600	360	216,000
	jasper bnd	6in	500	360	180,000
	hwy 39	12	850	240	204,000
	lakeshore	6	240	180	43,200
	lakeshore	8	240	180	43,200
	garland bend	8	550	180	99,000
	garland bend	6	500	480	240,000
	garland bend	4	250	360	90,000
	garland bend	4	250	1440	360,000
	hwy 192	4	250	360	90,000
	rush branch	4	275	360	99,000
	rush branch	6	350	240	84,000
	hwy 1643	4	200	240	48,000
	hwy 1003	6	300	120	36,000
	hwy 1675	6	300	240	72,000
	ocola rd	6	350	240	84,000
	dahl rd	6	250	180	45,000
	flatwood rd	4	175	180	31,500
					0
					0
					0
					0
					0
					0
					<b>8,757,300</b>



SWA PWSID KY1000311  
FLUSH LOG 2018

April 2018

Date	Location	Line Size	Est. GPM	Duration of FLUSH (min)	Route	Est. Loss (Gals.)
	PINEY GR RD	4 IN	100	45	5	4,500
	PARADICE RD	6 IN	200	60	16	12,000
	DIAMOND ACE	4 IN	250	60	17	15,000
	JASPER BND	6 IN	500	45	17	22,500
	HWY 328 RT11	4 IN	300	150	11	45,000
	HWY 192	4 IN	60	200	5	12,000
	MT VICT AREA	4 IN	300	250	34	75,000
	JASPER BND	6 IN	500	1440	17	720,000
	B O L	4 IN	250	300	16	75,000
	WHITE RD	4 IN	125	1440	1	180,000
	US 27 Tatev	6 IN	1100	360		396,000
	paradice acers	6	550	1440		792,000
	RT-30	4	250	960		240,000
	RT-31	6	500	960		480,000
	RT-32	6	500	960		480,000
	RT-33	4	250	960		240,000
	RT-34	4	250	960		240,000
	RT-35	4	250	960		240,000
	RT-36	4	250	960		240,000
	RT-39	4	250	960		240,000
	RT--40	4	250	960		240,000
	RT-130	6	500	960		480,000
	RT-131	4	250	960		240,000
	RT-132	6	250	480		120,000
	RT1	8	850	480		408,000
	RT-8	12	850	960		816,000
	RT-9	12	850	960		816,000
	RT-10	8	650	960		624,000
	RT-11	6	500	960		480,000
	RT-12	12	850	960		816,000
		0				0
						0
						0
						0
						0
						0
						0
						0
						0
					<b>Total</b>	<b>9,784,500</b>









**SWA PWSID KY1000311  
FLUSH LOG 2018**

**August 2018**

<b>Date</b>	<b>Location</b>	<b>Line Size</b>	<b>Est. GPM</b>	<b>Duration of Leak (min)</b>	<b>Est. Loss (Gals.)</b>
	blue john	6	500	240	120,000
	blue john	6	500	360	180,000
	blue john	6	500	1440	720,000
	blue john	4	250	360	90,000
	blue john	4	250	480	120,000
	jasper bnd	6	500	360	180,000
	jasper bnd	6	500	240	120,000
	jasper bnd	6	500	120	60,000
	jasper bnd	4	250	360	90,000
	jasper bnd	4	250	360	90,000
	paradice bnd	6	500	360	180,000
	paradice bnd	6	500	360	180,000
	paradice bnd	4	250	480	120,000
	paradice bnd	4	250	600	150,000
	paradice bnd	4	250	240	60,000
	paradice bnd	4	250	240	60,000
	hwy 192	4	250	360	90,000
	hwy 192	4	250	360	90,000
	hwy 192	4	250	250	62,500
	hwy 192	4	250	240	60,000
	rush bra	6	500	360	180,000
	rush bra	6	500	300	150,000
	rush bra	6	500	300	150,000
	rush bra	6	250	600	150,000
	omega	6	250	480	120,000
	omega	4	250	650	162,500
	omega	4	250	360	90,000
	omega	6	400	1440	576,000
	omega	4	250	360	90,000
					0
					0
					0
					0
					0
					0
					0
					0
					0
					0
					<b>4,491,000</b>



**SWA PWSID KY1000311  
FLUSH LOG 2018**

**October 2018**

<b>Date</b>	<b>Location</b>	<b>Line Size</b>	<b>Est. GPM</b>	<b>Duration of Leak (min)</b>	<b>Est. Loss (Gals.)</b>
	JASPER LAKE	6	350	120	42,000
	LOOP 3	6	350	150	52,500
	HWY 70	6	450	120	54,000
	HWY 70	4	250	240	60,000
	SQUIP ANO	4	250	180	45,000
	PRICE VALLEY	4	250	180	45,000
	GARLAND BND	6	550	240	132,000
	HWY 39	12	1000	240	240,000
	HWY 39	6	550	240	132,000
	HWY 1643	4	250	240	60,000
	RUSH BRANCH RD	6	550	360	0
	STRAWBERRY RD	4	300	360	108,000
	RT-30	4	250	960	240,000
	RT-31	6	500	960	480,000
	RT-32	6	500	960	480,000
	RT-33	4	250	960	240,000
	RT-34	4	250	960	240,000
	RT-35	4	250	960	240,000
	RT-36	4	250	960	240,000
	RT-39	4	250	960	240,000
	RT--40	4	250	960	240,000
	RT-130	6	500	960	480,000
	RT-131	4	250	960	240,000
	RT-132				0
					0
	RT-8	12	850	960	816,000
	RT-9	12	850	960	816,000
	RT-10	8	650	960	624,000
	RT-11	6	500	960	480,000
	RT-12	12	850	960	816,000
	RT-932	6	500	360	180,000
					0
					0
					0
					0
					0
					0
					0
					0
					<b>8,062,500</b>



