

Measurement Report with Limits 7/24/12

HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13  
001A

BOD, carbonaceous, 05 day, 20 C 80082 Monitoring Location = 1

Limit Start Date = 02/01/2008 Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1000	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
06/30/2009	224	2.95	3.96
07/31/2009	246	2.8	2.22
08/31/2009	336	3.57	6.37
09/30/2009	231	1.07	2.54
10/31/2009	415	0.86	2.62
11/30/2009	210	2.22	5.87
12/31/2009	231	1.97	2.08
01/31/2010	303	2.91	3.94
02/28/2010	1588	11.69	15.3
03/31/2010	370	3.36	3.5
04/30/2010	214	2.47	3.27
05/31/2010	160	1.75	2.08
06/30/2010	191	2.46	3.35
07/31/2010	121	1.76	2.23
08/31/2010	118	1.95	3.34
09/30/2010	175	2.84	3.2
10/31/2010	172	2.63	3.06
11/30/2010	161	2.22	2.67
12/31/2010	191	2.88	2.8
01/31/2011	222	2.61	3.74

Limit Start Date = 02/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1000	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
02/28/2011	237	2.25	2.99
03/31/2011	211	2.36	3.6
04/30/2011	232	2.14	2.53
05/31/2011	534	3.15	6.56
06/30/2011	235	3.24	3.67
07/31/2011	128	1.86	2.6
08/31/2011	128	1.8	1.75

Limit Start Date = 09/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1000	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
09/30/2011	123	1.91	2.37
10/31/2011	120	1.91	2.06
11/30/2011	233	2.11	2.55
12/31/2011	289	2.07	2.42
01/31/2012	240	2.19	2.8
02/29/2012	231	1.94	2
03/31/2012	277	2.11	2.67
04/30/2012	177	1.97	2.09
05/31/2012	133	2.11	2.19

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Chlorine, total residual 50060 Monitoring Location = 1

Limit Start Date = 02/01/2008 Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

.1  
mg/L C3  
INST MAX

06/30/2009	0.03
07/31/2009	0.074
08/31/2009	0.05
09/30/2009	0.03
10/31/2009	0.03
11/30/2009	0.02
12/31/2009	0.04
01/31/2010	0.04
02/28/2010	0.04
03/31/2010	0.04
04/30/2010	0.06
05/31/2010	0.05
06/30/2010	0.07
07/31/2010	0.04
08/31/2010	0.04
09/30/2010	1.3
10/31/2010	0.04
11/30/2010	0.04
12/31/2010	0.03
01/31/2011	0.04

Limit Start Date = 02/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

.1  
mg/L C3  
INST MAX

02/28/2011	0.04
03/31/2011	0.04
04/30/2011	0.03
05/31/2011	0.04
06/30/2011	0.03
07/31/2011	0.03
08/31/2011	0.02
09/30/2011	0.02
10/31/2011	0.03
11/30/2011	0.03
12/31/2011	0.04
01/31/2012	0.04
02/29/2012	0.05
03/31/2012	0.03
04/30/2012	0.03
05/31/2012	0.04

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Coliform, fecal general 74055    Monitoring Location = 1

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Apr--May--Jun--Jul--Aug--Sep-)

	200	400
	#/100mL C2	#/100mL C3
	30DA GEO	7 DA GEO
06/30/2009	8.9	29.7
07/31/2009	5	4.9
08/31/2009	6.3	32
09/30/2009	6	7
04/30/2010	6	12
05/31/2010	4	5
06/30/2010	5	8
07/31/2010	4	6
08/31/2010	4	4
09/30/2010	5	6

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Apr--May--Jun--Jul--Aug--Sep-)

	200	400
	#/100mL C2	#/100mL C3
	30DAVGEO	7 DA GEO
04/30/2011	5	6
05/31/2011	5	7
06/30/2011	6	13
07/31/2011	4	5
08/31/2011	5	5
09/30/2011	4	6
04/30/2012	4	4
05/31/2012	4.6	5.9

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 1 (-Jan--Feb--Mar--Oct--Nov--Dec-)

	1000	2000
	#/100mL C2	#/100mL C3
	30DA GEO	7 DA GEO
10/31/2009	6	7
11/30/2009	6	11
12/31/2009	5	6
01/31/2010	5	9
02/28/2010	13	21
03/31/2010	7	13
10/31/2010	4	5
11/30/2010	4	5
12/31/2010	7	8
01/31/2011	5	10

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 1 (-Jan--Feb--Mar--Oct--Nov--Dec-)

	1000	2000
	#/100mL C2	#/100mL C3
	30DAVGEO	7 DA GEO
02/28/2011	4	4
03/31/2011	7	17
10/31/2011	4	4
11/30/2011	4	4
12/31/2011	4	4
01/31/2012	4	4
02/29/2012	4	4
03/31/2012	4	5

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
**Flow, in conduit or thru treatment plant 50050    Monitoring Location = 1**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	Req. Mon.	Req. Mon.
	MGD Q1	MGD Q2
	MO AVG	DAILY MX
06/30/2009	9.04	16.44
07/31/2009	10.41	18.45
08/31/2009	11.27	18.66
09/30/2009	11.66	20.09
10/31/2009	16.42	33.44
11/30/2009	11.36	17.7
12/31/2009	14.1	20.13
01/31/2010	12.5	19.04
02/28/2010	16.29	35.23
03/31/2010	13.21	17.19
04/30/2010	10.35	16.77
05/31/2010	10.93	16.68
06/30/2010	9.33	18.3
07/31/2010	8.25	12.3
08/31/2010	7.27	8.35
09/30/2010	7.4	10.8
10/31/2010	7.86	10.77
11/30/2010	8.7	12.4
12/31/2010	8.21	15.98
01/31/2011	10.22	17.35

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	Req. Mon.	Req. Mon.
	MGD Q1	MGD Q2
	MO AVG	DAILY MX
02/28/2011	12.6	17.19
03/31/2011	10.72	15.2
04/30/2011	12.99	20.31
05/31/2011	15.6	37.76
06/30/2011	8.91	15.19
07/31/2011	8.27	11.41
08/31/2011	8.58	14.78
09/30/2011	7.62	11.33
10/31/2011	7.5	13.15
11/30/2011	12.87	19.74
12/31/2011	16.74	19.7
01/31/2012	13.12	19.56
02/29/2012	14.5	20.17
03/31/2012	16.17	21.21
04/30/2012	10.83	17.57
05/31/2012	7.56	8.93

**Nitrogen, ammonia total (as N) 00610    Monitoring Location = 1**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**

	1000	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
06/30/2009	37	0.49	0.98
07/31/2009	46.9	0.54	0.06
08/31/2009	11	0.12	0.5
09/30/2009	25	0.26	0.25
10/31/2009	56	0.41	0.9
11/30/2009	12	0.12	0.57
12/31/2009	48	0.41	0.66
01/31/2010	41	0.39	0.83
02/28/2010	95	0.7	0.98
03/31/2010	35	0.32	0.76
04/30/2010	19	0.22	0.4
05/31/2010	14	0.15	0.36
06/30/2010	35	0.46	0.83
07/31/2010	40	0.59	1.09
08/31/2010	9	0.14	0.73
09/30/2010	8	0.12	0.19
10/31/2010	9	0.13	0.15
11/30/2010	32	0.44	0.96
12/31/2010	24	0.35	0.15
01/31/2011	0.35	0.33	0.8

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Nov--Dec-)

	1000	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
02/28/2011	118	1.12	2
03/31/2011	34	0.38	1.25

Limit Start Date = 09/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Nov--Dec-)

	729.6	7.29	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
11/30/2011	79	0.56	0.75
12/31/2011	109	0.8	1.74
01/31/2012	59	0.5	0.94
02/29/2012	38	0.32	0.49
03/31/2012	78	0.51	1.43

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 1 (-Apr-)

	360.3	3.6	8.9
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
04/30/2011	19	0.18	0.32

Limit Start Date = 09/01/2011    Limit End Date = 01/31/2013  
Season 1 (-Apr-)

	259.2	2.29	6.42
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
04/30/2012	47	0.55	1.94

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 2 (-May--Jun--Jul--Aug--Sep--Oct-)

	360.3	3.6	7.5
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
05/31/2011	34	0.22	0.63
06/30/2011	140	2.15	5.07
07/31/2011	37	0.5	1.42
08/31/2011	11	0.13	0.119

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-) Limit Start Date = 02/01/2008 Limit End Date = 01/31/2013

	259.2	2.59	6.42
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
09/30/2011	6	0.08	0.12
10/31/2011	10	0.14	0.28
05/31/2012	5	0.08	0.09

Oxygen, dissolved (DO) 00300 Monitoring Location = 1

Limit Start Date = 02/01/2008 Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	2
	mg/L C1
	MO AV MN
06/30/2009	6.65
07/31/2009	6.7
08/31/2009	8.6
09/30/2009	6.46
10/31/2009	7.26
11/30/2009	7.74
12/31/2009	7.95
01/31/2010	8.44
02/28/2010	8.49
03/31/2010	8
04/30/2010	7.45
05/31/2010	7.31
06/30/2010	6.56
07/31/2010	6.58
08/31/2010	5.95
09/30/2010	7.47
10/31/2010	7.76
11/30/2010	8.19
12/31/2010	8.51
01/31/2011	8.72

Limit Start Date = 02/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	5
	mg/L C1
	MO AV MN
02/28/2011	8.51
03/31/2011	8.3
04/30/2011	7.42
05/31/2011	8.37
06/30/2011	7.14
07/31/2011	7.26
08/31/2011	6.98
09/30/2011	7.96
10/31/2011	8.37
11/30/2011	7.59
12/31/2011	8.94
01/31/2012	8.94
02/29/2012	8.98
03/31/2012	9.04
04/30/2012	7.99
05/31/2012	6.97

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
**pH 00400    Monitoring Location = 1**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	6	9
	SU C1	SU C3
	MINIMUM	MAXIMUM
06/30/2009	6.62	7.31
07/31/2009	6.5	8.3
08/31/2009	6.35	8.46
09/30/2009	6.55	7.6
10/31/2009	6.31	7.73
11/30/2009	6.2	7.77
12/31/2009	6.08	7.44
01/31/2010	6.1	7.65
02/28/2010	6.22	7.95
03/31/2010	6.31	7.57
04/30/2010	6.45	7.35
05/31/2010	6.11	7.53
06/30/2010	5.9	7.6
07/31/2010	6.35	7.48
08/31/2010	6.11	7.24
09/30/2010	6.65	7.34
10/31/2010	6.18	7.29
11/30/2010	6.04	7.37
12/31/2010	6.79	7.98
01/31/2011	6.63	7.33

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	6	9
	SU C1	SU C3
	MINIMUM	MAXIMUM
02/28/2011	6.65	7.19
03/31/2011	6.59	7.19
04/30/2011	6.57	7.2
05/31/2011	6.62	7.21
06/30/2011	6.64	7.23
07/31/2011	6.49	7.29
08/31/2011	6.55	7.31
09/30/2011	6.43	7.1
10/31/2011	6.48	7.33
11/30/2011	4.39	7.65
12/31/2011	6.14	7.43
01/31/2012	6.2	7.22
02/29/2012	6.5	7.35
03/31/2012	6.45	7.97
04/30/2012	6.58	7.05
05/31/2012	6.75	7.21

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
**Phosphorus, total (as P) 00665     Monitoring Location = 1**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	150	Req. Mon.	Req. Mon.
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
06/30/2009	112.41	1.48	1.66
07/31/2009	110.73	1.27	1.63
08/31/2009	104	1.12	2.19
09/30/2009	104	1.2	1.85
10/31/2009	118	0.86	1.46

Limit Start Date = 11/01/2009    Limit End Date = 01/31/2011  
Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	150	Req. Mon.	Req. Mon.
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
05/31/2010	53	0.58	0.94
06/30/2010	96	1.23	1.52
07/31/2010	85	1.23	1.56
08/31/2010	89	1.47	1.82
09/30/2010	87	1.4	1.5
10/31/2010	79	1.2	1.52

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	100.1	Req. Mon.	Req. Mon.
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
02/28/2011	94	0.9	1.18
03/31/2011	78	0.87	1.13
04/30/2011	95	0.88	2.36
05/31/2011	96	0.8	1.49
06/30/2011	94	1.32	1.86
07/31/2011	83	1.21	1.76
08/31/2011	69	1.01	1.3

Limit Start Date = 09/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	100.1	Req. Mon.	Req. Mon.
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
09/30/2011	61	1.01	1.34
10/31/2011	75	1.22	1.8
11/30/2011	67	0.89	1.6
12/31/2011	66	0.47	0.49
01/31/2012	77	0.7	0.8
02/29/2012	46	0.39	0.78
03/31/2012	41.82	0.34	0.57
04/30/2012	42.68	0.49	0.67
05/31/2012	51.3	0.81	0.99

Limit Start Date = 11/01/2009    Limit End Date = 01/31/2011  
Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

	Req. Mon.	Req. Mon.	Req. Mon.
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
11/30/2009	129	1.36	2.1
12/31/2009	121	1.03	1.32
01/31/2010	106	1.02	1.61
02/28/2010	126	0.93	1.05
03/31/2010	102	0.92	1.12
04/30/2010	90	1.04	1.57
11/30/2010	83	1.15	1.52
12/31/2010	112	1.64	2.27
01/31/2011	132	1.55	1.93



**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
**Solids, total suspended 00530    Monitoring Location = 1**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1500	15	22.5
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
06/30/2009	307	4.07	6.21
07/31/2009	497	5.7	3
08/31/2009	578	6.14	12.33
09/30/2009	332	3.41	4.64
10/31/2009	838	6.12	3.47
11/30/2009	280	2.95	11.4
12/31/2009	329	2.8	3.46
01/31/2010	624	5.99	13.45
02/28/2010	2936	21.62	23.08
03/31/2010	683	6.2	8.99
04/30/2010	415	4.8	7.25
05/31/2010	171	1.87	2.56
06/30/2010	272	3.5	6.96
07/31/2010	102	1.48	2.54
08/31/2010	98	1.61	2.9
09/30/2010	180	2.91	4.84
10/31/2010	124	1.89	2.29
11/30/2010	125	1.72	1.94
12/31/2010	151	2.2	2.11
01/31/2011	130	1.52	2.93

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1500	15	22.5
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
02/28/2011	260	2.47	4.35
03/31/2011	0.66	1.86	2.27
04/30/2011	383	3.54	4.05
05/31/2011	980	5.52	13.02
06/30/2011	267	3.64	4.27
07/31/2011	120	1.74	2.8
08/31/2011	169	2.33	2.74

Limit Start Date = 09/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	1500	15	22.5
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
09/30/2011	205	3.09	4.69
10/31/2011	144	2.29	3.19
11/30/2011	417	3.24	6.68
12/31/2011	331	2.35	2.87
01/31/2012	271	2.38	3.21
02/29/2012	273	2.21	2.4
03/31/2012	411	2.85	3.41
04/30/2012	259	2.92	3.3
05/31/2012	213	3.39	3.9

TX1Q

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Coef Of Var Statre 7Day Chronic Ceriodaphnia TQP3B Monitoring Location =

Limit Start Date = 02/01/2008 Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009	20.8
09/30/2009	38.9
12/31/2009	34.1
03/31/2010	34.9
06/30/2010	19.7
09/30/2010	10.9
12/31/2010	23.4

Limit Start Date = 02/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011	24.4
06/30/2011	22.3
09/30/2011	22.3
12/31/2011	9.49
03/31/2012	29.9

Coef Of Var Statre 7Day Chronic Pimephales TQP6C Monitoring Location = 1

Limit Start Date = 02/01/2008 Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009	7.39
09/30/2009	10.5
12/31/2009	10.6
03/31/2010	5.93
06/30/2010	25.6
09/30/2010	10.8
12/31/2010	18.5

Limit Start Date = 02/01/2011 Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011	156
06/30/2011	5.03
09/30/2011	5.03
12/31/2011	9.61
03/31/2012	18.5

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Ceriodaphnia du

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

06/30/2009 0  
09/30/2009 0  
12/31/2009 0  
03/31/2010 0  
06/30/2010 0  
09/30/2010 0  
12/31/2010 0

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

03/31/2011 0  
06/30/2011 0  
09/30/2011 0  
12/31/2011 0  
03/31/2012 0

Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales pror

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

06/30/2009 0  
09/30/2009 0  
12/31/2009 0  
03/31/2010 0  
06/30/2010 0  
09/30/2010 0  
12/31/2010 0

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

03/31/2011 1  
06/30/2011 0  
09/30/2011 0  
12/31/2011 0  
03/31/2012 0

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
**NOEC Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia TOP3B    Moni**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009	77
09/30/2009	77
12/31/2009	77
03/31/2010	77
06/30/2010	77
09/30/2010	77
12/31/2010	77

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011	77
06/30/2011	77
09/30/2011	77
12/31/2011	77
03/31/2012	77

**NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas TOP6C    Mc**

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009	77
09/30/2009	77
12/31/2009	77
03/31/2010	77
06/30/2010	77
09/30/2010	77
12/31/2010	77

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011	33
06/30/2011	77
09/30/2011	77
12/31/2011	77
03/31/2012	77

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
NOEC Sub-Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia TPP3B

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009    77  
09/30/2009    77  
12/31/2009    77  
03/31/2010    77  
06/30/2010    77  
09/30/2010    77  
12/31/2010    77

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011    77  
06/30/2011    77  
09/30/2011    77  
12/31/2011    77  
03/31/2012    77

NOEC Sub-Lethal Static Renewal 7 Day Chronic Pimephales promelas TPP6C

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

06/30/2009    77  
09/30/2009    77  
12/31/2009    77  
03/31/2010    77  
06/30/2010    77  
09/30/2010    77  
12/31/2010    77

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
% C2  
7 DA AVG

03/31/2011    33  
06/30/2011    77  
09/30/2011    77  
12/31/2011    77  
03/31/2012    77

**HOT SPRINGS, CITY OF AR0033880, Expiration: 1/31/13**  
Pass/Fail Static Renewal 7 Day Chronic Ceriodaphnia TGP3B Monitoring Loc

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

06/30/2009 0  
09/30/2009 0  
12/31/2009 0  
03/31/2010 0  
06/30/2010 0  
09/30/2010 0  
12/31/2010 0

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

03/31/2011 0  
06/30/2011 0  
09/30/2011 0  
12/31/2011 0  
03/31/2012 0

Pass/Fail Statre 7Day Chronic Pimephales Promelas TGP6C Monitoring Loca

Limit Start Date = 02/01/2008    Limit End Date = 01/31/2011  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

06/30/2009 0  
09/30/2009 0  
12/31/2009 0  
03/31/2010 0  
06/30/2010 0  
09/30/2010 0  
12/31/2010 0

Limit Start Date = 02/01/2011    Limit End Date = 01/31/2013  
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

Req. Mon.  
pass=0/fail=1 C2  
7 DA AVG

03/31/2011 1  
06/30/2011 0  
09/30/2011 0  
12/31/2011 0  
03/31/2012 0

## DMR Effluent Violations Since 6/1/09

## AR0033880 - HOT SPRINGS, CITY OF / Major POTW - Effective: 2/1/08

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Permit Limit	Vio %	Vio Code	DMR Value Type Code	Parameter Code
02/28/2010	001-A	Solids, total suspended (MO AVG, lb/d)	2936	1500	96%	Numeric Vio	Q1	00530-1-0
02/28/2010	001-A	Solids, total suspended (MO AVG, mg/L)	21.62	15	44%	Numeric Vio	C2	00530-1-0
02/28/2010	001-A	Solids, total suspended (7 DA AVG, mg/L)	23.08	22.5	3%	Numeric Vio	C3	00530-1-0
02/28/2010	001-A	BOD, carbonaceous, 05 day, 20 C (MO AVG, lb/d)	1588	1000	59%	Numeric Vio	Q1	80082-1-0
02/28/2010	001-A	BOD, carbonaceous, 05 day, 20 C (MO AVG, mg/L)	11.69	10	17%	Numeric Vio	C2	80082-1-0
02/28/2010	001-A	BOD, carbonaceous, 05 day, 20 C (7 DA AVG, mg/L)	15.3	15	2%	Numeric Vio	C3	80082-1-0
06/30/2010	001-A	pH (MINIMUM, SU)	5.9	6		Numeric Vio	C1	00400-1-0
09/30/2010	001-A	Chlorine, total residual (INST MAX, mg/L)	1.3	.1	1,200%	Numeric Vio	C3	50060-1-0
11/30/2011	001-A	pH (MINIMUM, SU)	4.39	6		Numeric Vio	C1	00400-1-0

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

<b>Location</b>	<b>Date SSO Form Received</b>	<b>Date Overflow Started</b>	<b>Date Overflow Stopped</b>	<b>Time Overflow Started</b>
Oak Cliff Aly - MH #5411 - overflowed into ditch & yard.	6/28/2012 0:00	6/28/2012 0:00	6/28/2012 0:00	1:00 PM
Lakeside Pump Station on Carpenter Dam Rd - overflowed into unknown creek.	4/10/2012 0:00	4/9/2012 0:00	4/9/2012 0:00	8:00 AM
Lake Hamilton Drive, Hot Springs - # 2 Pump Station - Overflowed into Lake Hamilton	4/10/2012 0:00	4/9/2012 0:00	4/9/2012 0:00	9:00 AM
Pond and Flag Street - Manhole # 2395, Ran over into storm sewer.	3/26/2012 0:00	3/23/2012 0:00	3/24/2012 0:00	9:00 PM
McLeod St Manhloe # 993 overflowed into Stokes Creek	3/24/2012 0:00	3/21/2012 0:00	3/23/2012 0:00	7:00 AM
McLeod St - Manhloe # 998 - overflowed into Stokes Creek	3/24/2012 0:00	3/21/2012 0:00	3/23/2012 0:00	7:00 AM
Carpenter Dam Rd - Manhole # 5259 - overflowed into unknown creek	3/24/2012 0:00	3/21/2012 0:00	3/23/2012 0:00	7:00 AM
Albert Pike Rd Manhole # 9451 overflowed into Lake Hamilton	3/24/2012 0:00	3/21/2012 0:00	3/23/2012 0:00	7:00 AM
Pond St. - MH # 2395 - overflow to unknown creek - due to sewer main failure between MH# 1308 & MH #1254 (By-Pass Pump has been set up.)	3/24/2012 0:00	3/23/2012 0:00		9:00 PM
Spring St . Manhole # 4118	3/22/2012 0:00	3/21/2012 0:00	3/22/2012 0:00	7:00 AM
Fontana Rd - Manhole # 1865 - overflowed into Hot Springs Creek	3/22/2012 0:00	3/21/2012 0:00	3/22/2012 0:00	7:00 AM



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

McLeod St Manhole # 991	3/22/2012 0:00	3/21/2012 0:00	3/22/2012 0:00	7:00 AM
Spring St . - Manhole # 4117	3/22/2012 0:00	3/21/2012 0:00	3/22/2012 0:00	7:00 AM
Forest View Circle - Manhole # 12272 - overflowed into Hot Springs Creek.	3/22/2012 0:00	3/21/2012 0:00	3/22/2012 0:00	7:00 AM
Carpenter Dam Road - Manhole # 5259, - run over into unknown stream.	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
McCleod Street - Manhole # 993, Overflow into Stokes Creek	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Spring Street - Manhole # 4118, - Run over into unknown stream	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
McLeod Street - Manhole # 991, overflow into Stokes Creek	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Forestview Court - Manhole # 12272 - overflow into Hot Springs Creek	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Albert Pike Road - Manhole # 9451,- Run over into Lake Hamilton.	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Fontana Road - Manhole # 1865, Run over into Hot Springs Creek	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Spring Street - Manhole # 4117, - ran over into unknown stream	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
McLeod Street - Manhole # 998, - Run over into Stokes Creek	3/21/2012 0:00	3/21/2012 0:00		7:00 AM
Albert Pike Road - Manhole # 9451, Ran over into Lake Hamilton	3/13/2012 0:00	3/12/2012 0:00	3/12/2012 0:00	7:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole # 11270, Mcleod St, Ran over in Stokes creek	3/13/2012 0:00	3/12/2012 0:00	3/12/2012 0:00	8:00 AM
Manhole # 5259, Carpenter dam rd, Ran over into unknown stream	3/13/2012 0:00	3/12/2012 0:00	3/12/2012 0:00	9:00 AM
Manhole # 11272, Mcleod st, Ran over in Stokes creek	3/13/2012 0:00	3/12/2012 0:00	3/12/2012 0:00	8:00 AM
McCleod Street - Manhole # 91242, Ran over into Stokes Creek	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	7:00 PM
Manhole # 1863, Fontana Rd, Ran over into Hot Spring Creek.	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	5:30 PM
Forest View Subdivision - Manhole # 12242, Ran over into Hot Springs Creek	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	5:30 PM
McCleod Street - Manhole # 11270, Run over into Stokes Creek	3/12/2012 0:00	3/12/2012 0:00		8:00 AM
Manhole # 11274, Mcleod st, Ran over into Stokes Creek	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	12:00 PM
McLeod Street - Manhole# 11272, Ran over into Stokes creek.	3/12/2012 0:00	3/12/2012 0:00		8:00 AM
Spring St, - MH 4118 - Ran over in unknown creek	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	7:00 PM
Fontana Road - Manhole # 1865, ran over into Hot Springs Creek.	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	5:30 PM
McLeod Street - Manhole # 993,- Ran over into Stokes Creek	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	7:00 PM
Albert Pike Road - Manhole # 9451, Ran over into Lake Hamilton	3/12/2012 0:00	3/12/2012 0:00		7:00 AM
Manhole # 998, Mcleod st, Ran over into Stokes Creek.	3/12/2012 0:00	3/11/2012 0:00	3/11/2012 0:00	6:00 PM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH # 12274, McCleod St, ran over in stokes creek	3/9/2012 0:00	3/8/2012 0:00	3/9/2012 0:00	8:00 PM
MH # 9451, Albert pike rd, Ran over in Lake Hamilton	3/9/2012 0:00	3/8/2012 0:00	3/8/2012 0:00	8:00 PM
Hot Springs # 4 pump station, End of Foxwood Dr, ran over in stream of Lake Hamilton.	2/9/2012 0:00	2/9/2012 0:00	2/9/2012 0:00	11:30 AM
Manhole # 11272, Mcleod st, ran over into ditch that goes to stokes creek.	2/5/2012 0:00	2/4/2012 0:00	2/4/2012 0:00	9:00 AM
Manhole # 5259, Carpenter Dam Rd, Ran over into unknown stream.	2/5/2012 0:00	2/4/2012 0:00	2/4/2012 0:00	9:00 AM
Manhole # 1748 overflowed into Gulpha Creek at Malvern Ave & Catherine Heights Rd.	#####	#####	#####	10:15 AM
Manhole # 11274 overflowed on McLeod St. Stokes Pump Station Pump	#####	#####	#####	9:00 AM
Manhole # 1748 is overflowing into Gulpha Creek ( Malvern Ave & Catherine Heights Rd,	#####	#####		10:15 AM
Belvedere Dr. Pump Station on Belvedere Dr overflowed onto ground & ditch	#####	#####	#####	1:15 PM
McLeod St Manhole # 998 overflowed into Stokes Creek	#####	#####	#####	6:00 AM
McLeod St Manhole # 993 overflowed into Stokes Creek	#####	#####	#####	6:00 AM
McLeod St Manhole # 993 overflowing into Stokes Creek	#####	#####		6:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

McLeod St Manhole # 998 overflowing into Stokes Creek	#####	#####		6:00 AM
MH # 11272, Mcleod St, Ran over into Stokes Creek	12/7/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 1748, Malvern Rd, Ran over into Gulpha Creek	12/7/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 993, Mcleod St, Ran over into Stokes Creek	12/7/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 991, Mcleod St, Ran over into Stokes Creek	12/7/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 998, Mcleod St, Ran over into Stokes Creek	12/7/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 1863, Fontana Rd, Ran over into stream of Lake Hamilton.	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 9451,Albert Pike Rd, Ran over into stream of Lake Hamilton.	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 5259, Carpenter Dam Rd, Ran over into stream of Unknown.	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 5260, Carpenter Dam Rd, Ran over into stream of Unknown.	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 8940,Fontana Rd, Ran over into stream of Lake Hamilton	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 12242, Fontana Rd, Ran over into stream of Lake Hamilton.	12/6/2011 0:00	12/5/2011 0:00	12/6/2011 0:00	6:00 AM
MH # 9451, Albert Pike Rd, Ran over into stream of Lake Hamilton	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 993,Mcleod St, Ran over into Stoke Creek	12/5/2011 0:00	12/5/2011 0:00		6:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH # 998,Mcleod St, Ran over into Stoke Creek	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 991,Mcleod St, Ran over into Stoke Creek	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 5259, Carpenter dam Rd, Ran over into stream of Unknown	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 12242, TV hill Rd, Ran over into stream of Lake Hamilton	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 8940, Fontana Rd, Ran over into stream of Lake Hamilton	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 5260, Carpenter dam Rd, Ran over into stream of Unknown	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 1863, Fontana Rd, Ran over into stream of Lake Hamilton	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 11272,Mcleod St, Ran over into Stoke Creek	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 1748, Malvern Rd, Ran over into Gulpha Creek	12/5/2011 0:00	12/5/2011 0:00		6:00 AM
MH # 7117, Donnie Ct, Run over into unknown stream.	#####	#####	#####	3:00 AM
MH # 998,Mcleod, Run over into Stokes Creek	#####	#####	#####	3:00 AM
MH # 11273,Mcleod St, Run over into Stokes Creek	#####	#####	#####	3:00 AM
MH # 3729, TV Hill Rd, Run over into stream of Lake Hamilton	#####	#####	#####	3:00 AM
MH # 993,Mcleod, Run over into Stokes Creek	#####	#####	#####	3:00 AM
MH # 991,Mcleod, Run over into Stokes Creek	#####	#####	#####	3:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH # 5260, Carpenter Dam Rd, Ran over into unknown stream	#####	#####	#####	3:00 AM
MH # 9451, Albert Pike Rd, Ran over into stream of Lake Hamilton.	#####	#####	#####	3:00 AM
MH # 12242, Fontana Rd, Run over in to stream of Lake Hamilton	#####	#####	#####	3:00 AM
MH # 1865, Fontana Rd, Run over in to stream of Lake Hamilton	#####	#####	#####	3:00 AM
MH # 1863, Fontana Rd, Run over in to stream of Lake Hamilton	#####	#####	#####	3:00 AM
MH # 7803, Ledgerock, Run over in to Lake Hamilton.	#####	#####	#####	3:00 AM
MH # 11274, Lakeshore DR, Run over in to Stokes Creek	#####	#####	#####	10:00 AM
MH # 7117, Donnie Ct, Run over in stream in Molly Creek.	#####	#####		12:00 PM
MH # 3729, TV Hill Rd , Run over in stream to Lake Hamilton	#####	#####		3:00 AM
MH # 12242, Fontana Rd, Run over in stream to Lake Hamilton	#####	#####		3:00 AM
MH # 993, Mcleod ST, Run over in Stokes Creek	#####	#####		3:00 AM
MH # 1865, Fontana Rd, Run over in stream to Lake Hamilton	#####	#####		3:00 AM
MH # 9451, Albert Pike Rd, Run over in Lake Hamilton	#####	#####		3:00 AM
MH # 5260, Carpenter Dam , Run over in unknown stream.	#####	#####		3:00 AM
MH # 11273, Mcleod ST, Run over in Ditch	#####	#####		3:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH # 1863, Fontana Rd, Run over in stream to Lake Hamilton	#####	#####		3:00 AM
MH # 991, Mcleod ST, Run over in Stokes Creek	#####	#####		3:00 AM
MH # 7803, Ledgerock Rd , Run over in Lake Hamilton	#####	#####		3:00 AM
MH # 5259, Carpenter Dam , Run over in unknown stream.	#####	#####		3:00 AM
MH # 998, Mcleod ST, Run over in Stokes Creek	#####	#####		3:00 AM
Mazarn # 2 pump station, 1700 block of Marion Anderson, ran over in ditch to Lake Hamilton.	#####	#####	#####	9:00 AM
MH # 4118, Spring St Rd, Overflowed into Gulpha creek.	#####	#####	#####	3:00 AM
MH # 5259, Carpenter Dam Rd, Overflowed into stream unknown.	#####	#####	#####	6:00 AM
MH # 991, Mcleod St, Overflowed into Stokes creek.	#####	#####	#####	9:00 AM
MH # 993, Mcleod St, Overflowed into Stokes creek.	#####	#####	#####	9:00 AM
MH # 9451, Albert pike Rd, Overflowed into stream of Lake Hamilton.	#####	#####	#####	9:00 AM
MH # 998, Mcleod St, Overflowed into Stokes creek.	#####	#####	#####	9:00 AM
MH # 11274, Mcleod St, Overflowed stokes creek	#####	#####	#####	9:00 AM
MH # 9451 Albert pike Rd, Overflowed into stream	#####	#####		9:00 AM

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH # 993, Mcleod St, Overflowed stokes creek	#####	#####		9:00 AM
MH # 11274 Mcleod St, Overflowed into ditch	#####	#####		9:00 AM
MH # 998, Mcleod St, Overflowed stokes creek	#####	#####		9:00 AM
1700 block of Marion Anderson Rd. Mazarn # 2 pump station ran over in to ditch.	#####	#####	#####	9:00 AM
MH # 991, MCleod St, Overflowed into Stokes Creek	#####	#####		9:00 AM
100 Block of Sunnyside St. Manhole # 869 overflowing into a ditch.	#####	#####	#####	10:00 AM
110 Hackberry Dr. Manhole # 8022 Pavement Harrell Dr. Pump Station Alternator on Air Compressor went bad.	#####	#####	#####	5:00 PM
110 Hackberry St Manhole # 8022 Major Pump Station Air Regulator went bad.	#####	10/9/2011 0:00	10/9/2011 0:00	2:25 PM
330 Burchwood Bay Rd Simplex Grinder Overflowed Yard Station Overload Tripped.	#####	10/9/2011 0:00	10/9/2011 0:00	8:15 AM
202 Keats Place - Manhole not on our Map System overflowed into a wooded area.	10/5/2011 0:00	10/5/2011 0:00	10/5/2011 0:00	7:00 AM
1137 Twin Points Dr. Overflowed in yard.	10/3/2011 0:00	10/2/2011 0:00	10/2/2011 0:00	8:30 AM
	9/26/2011 0:00	9/24/2011 0:00	9/24/2011 0:00	10:00 AM
	9/23/2011 0:00	9/23/2011 0:00	9/23/2011 0:00	1:00 PM



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	9/13/2011 0:00	9/12/2011 0:00	9/13/2011 0:00	7:30 AM
	9/6/2011 0:00	9/5/2011 0:00	9/5/2011 0:00	10:15 AM
	7/22/2011 0:00	7/21/2011 0:00	7/21/2011 0:00	9:00 AM
	7/5/2011 0:00	7/5/2011 0:00	7/5/2011 0:00	9:15 AM
	7/5/2011 0:00	7/5/2011 0:00	7/5/2011 0:00	9:15
	6/29/2011 0:00	6/29/2011 0:00	6/29/2011 0:00	12:00 PM
	6/29/2011 0:00	6/29/2011 0:00	6/29/2011 0:00	12:00 PM
1201 Lakeshore - MH #8052	6/8/2011 0:00	6/7/2011 0:00	6/7/2011 0:00	
108 Edgewater Circle off Lakeshore Drive	5/29/2011 0:00	5/28/2011 0:00	5/28/2011 0:00	
Albert Pike Road - MH #9451	5/29/2011 0:00	5/27/2011 0:00	5/28/2011 0:00	
11274 McLeod Street - MH #11274	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
McLeod Street - MH #11274	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
Albert Pike Road - MH #9451	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
Spring Street - MH #4118 -	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
Carpenter Dam Road - MH #5259	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
McLeod Street - MH #993	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
McLeod Street - MH #998	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
McLeod Street - MH #11274 overflow	5/25/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
McLeod Street - MH #991	5/24/2011 0:00	5/24/2011 0:00	5/24/2011 0:00	
Spring Street - MH #4118	5/24/2011 0:00	5/24/2011 0:00		
McLeod Street - MH #991	5/24/2011 0:00	5/24/2011 0:00		
McLeod Street - MH #993	5/24/2011 0:00	5/24/2011 0:00		
McLeod Street - MH #998	5/24/2011 0:00	5/24/2011 0:00		

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Albert Pike Road - MH #9451	5/24/2011 0:00	5/24/2011 0:00		
Trooper Lane - MH #10038	5/24/2011 0:00	5/23/2011 0:00	5/23/2011 0:00	
McLeod - MH #11274	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
Carpenter Dam Road - MH #5259	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
Glover Street - MH #2242	5/23/2011 0:00	5/22/2011 0:00	5/22/2011 0:00	
McLeod Street - MH #993	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
McLeod Street - MH #991	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
McLeod Street - MH #998	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
9451 Albert Pike - MH #9451	5/23/2011 0:00	5/21/2011 0:00	5/21/2011 0:00	
manhole # 2251 @ 1606 W. Saint Louis St.	5/9/2011 0:00	5/9/2011 0:00	5/9/2011 0:00	
line break @ Flag and Linwood St.	5/9/2011 0:00	5/6/2011 0:00		
manhole # 2395 on Flag St.	5/9/2011 0:00	5/9/2011 0:00	5/9/2011 0:00	
Manhole # 2395 on Flag St.	5/7/2011 0:00	5/7/2011 0:00	5/7/2011 0:00	
manhole # 2395 on Flag St.	5/6/2011 0:00	5/5/2011 0:00	5/6/2011 0:00	
Near Flag and Linwood Street.	5/6/2011 0:00	5/6/2011 0:00		
manhole # 2395 on Flag St.	5/5/2011 0:00	5/5/2011 0:00		
manhole #1750 on Catherine Heights Rd.	5/5/2011 0:00	5/5/2011 0:00	5/5/2011 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole # 1750 on Catherine Heights Rd.	5/5/2011 0:00	5/5/2011 0:00		
Catherine Heights Road - MH #1750	5/5/2011 0:00	5/1/2011 0:00	5/5/2011 0:00	
11274 McLeod Street - MH #11274	5/4/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Flag Street - MH overflow #2306	5/4/2011 0:00	5/1/2011 0:00	5/3/2011 0:00	
Carpenter Dam Road - MH #5259	5/4/2011 0:00	5/1/2011 0:00	5/4/2011 0:00	
Albert Pike Road - MH #9451 overflowed.	5/4/2011 0:00	5/1/2011 0:00	5/4/2011 0:00	
11273 McLeod Street - MH overflowed	5/4/2011 0:00	5/1/2011 0:00	5/4/2011 0:00	
McLeod Street - MH #993 overflowed	5/4/2011 0:00	5/1/2011 0:00	5/4/2011 0:00	
Sewer Main (Fac ID #6840)	5/4/2011 0:00	5/3/2011 0:00	5/3/2011 0:00	
4118 on Spring Street - MH 4118	5/4/2011 0:00	5/1/2011 0:00	5/3/2011 0:00	
Gorge Rd - MH #3347 - overflow	5/3/2011 0:00	5/1/2011 0:00	5/2/2011 0:00	
Hollywood Avenue - MH #118 overflow	5/3/2011 0:00	5/1/2011 0:00	5/2/2011 0:00	
Fontana Street - MH #1865 - overflow	5/3/2011 0:00	5/1/2011 0:00	5/2/2011 0:00	
Flag Street - MH #2306 - overflow	5/3/2011 0:00	5/1/2011 0:00		
Spring Stree - MH #4118 overflow	5/3/2011 0:00	5/1/2011 0:00		
Forestview Circle - MH #12242 - overflow	5/3/2011 0:00	5/1/2011 0:00	5/3/2011 0:00	
McLeon Street - MH #991 overflow	5/3/2011 0:00	5/1/2011 0:00	5/2/2011 0:00	
McLeod Street - MH #991	5/3/2011 0:00	5/1/2011 0:00	5/2/2011 0:00	
Gorge Road - MH #3347	5/2/2011 0:00	5/1/2011 0:00		
Hollywood Avenue - MH #118	5/2/2011 0:00	5/1/2011 0:00		

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Forest Heights Circle - MH #12242	5/2/2011 0:00	5/1/2011 0:00		
Shady Grove Road - MH #1134	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #161	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
1865 Fontana Road - MH #1865	5/2/2011 0:00	5/1/2011 0:00		
Shady Grove Road - MH #117	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #162	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #163	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #164	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #170	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Rd - MH #4130	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Shady Grove Road - MH #5337	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
McLeod Street - MH #993	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
McLeod Street - MH #991	5/2/2011 0:00	5/1/2011 0:00		
Catherine Heights Road - MH #1750	5/2/2011 0:00	5/1/2011 0:00		
Albert Pike Road - MH	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
McLeod Street - MH 11274	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
McLeon Street - MH #998	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Albert Pike Road - MH #9451	5/2/2011 0:00	5/1/2011 0:00	5/1/2011 0:00	
Carpenter Dam Road - MH #5259	5/2/2011 0:00	5/1/2011 0:00		
McLeod Street - MH #11273	4/28/2011 0:00	4/25/2011 0:00	4/27/2011 0:00	
Carpenter Dam Road - MH #5259	4/28/2011 0:00	4/25/2011 0:00	4/27/2011 0:00	
Albert Pine Road - MH #9451	4/28/2011 0:00	4/25/2011 0:00	4/27/2011 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

McLeod Street @ MH #991	4/27/2011 0:00	4/26/2011 0:00		
Spring Street - MH #4118	4/27/2011 0:00	4/26/2011 0:00		
McLeod Street - MH #993	4/27/2011 0:00	4/26/2011 0:00		
McLeod Street - MH #11274	4/27/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
130 Scroggins Terrace - Wilson Mills Pump Station	4/27/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	
4118 on Spring Street - MH #4118	4/27/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
4118 on Spring Street - MH #4118	4/27/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
McLeod Street - MH #991	4/27/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	
McLeod Street - MH #993	4/27/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	
McLeod Street - MH #991	4/26/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
McLeod Street - MH #993	4/26/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
	4/26/2011 0:00	4/25/2011 0:00		
McLeod Street - MH #991	4/26/2011 0:00	4/25/2011 0:00		
McLeod Street - MH #993	4/26/2011 0:00	4/25/2011 0:00		
McLeod Street - MH #11273	4/26/2011 0:00	4/25/2011 0:00		
102 Channelview Street - MH #10579	4/26/2011 0:00	4/26/2011 0:00		
4118 Spring Street - MH #4118	4/26/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
Wilson Mills Pump Station - Forestview Circle - MH #12242	4/26/2011 0:00	4/25/2011 0:00	4/26/2011 0:00	
Foxwood Street - MH #8000	4/26/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	
192 Channelview Street - MH #10579	4/26/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Essex Park - MH #8569	4/26/2011 0:00	4/26/2011 0:00	4/26/2011 0:00	
5259 Carpenter Dam Rd. - MH #5259	4/25/2011 0:00	4/25/2011 0:00		
Forestview Court - MH #12242	4/25/2011 0:00	4/25/2011 0:00		
Spring Street - MH #4118	4/25/2011 0:00	4/25/2011 0:00		
McLeod Street - MH #998	4/25/2011 0:00	4/25/2011 0:00		
Albert Pike Road - MH #9451	4/25/2011 0:00	4/25/2011 0:00		
McLeod Street - MH #998	4/25/2011 0:00	4/27/2011 0:00	4/28/2011 0:00	
5229 Carpenter Dam Road - MH overflowed	4/22/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
McLeod Street - MH #11273 overflow	4/21/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
McLeod Street - MH #998 overflowed	4/21/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
McLeod Street - MH #993	4/21/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
Forestview Circle - MH #12242 - overflow	4/21/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
Forestview Circle - MH #12242 - overflow	4/21/2011 0:00	4/21/2011 0:00	4/21/2011 0:00	
Duplex pump station - Beulah Land Place	4/8/2011 0:00	4/7/2011 0:00	4/7/2011 0:00	
Mount Carmel Pump Station - 697 Mt. Carmel Rd.	3/28/2011 0:00	3/27/2011 0:00	3/27/2011 0:00	
250 Grand Island Drive - MH #8523	3/14/2011 0:00	3/11/2011 0:00	3/12/2011 0:00	
Bluff Street - MH @2707	3/10/2011 0:00	3/9/2011 0:00	3/9/2011 0:00	
MH #2707 on Bluff Street	3/10/2011 0:00	3/9/2011 0:00	3/9/2011 0:00	
Island and #5 Pump Station - Green Circle	2/28/2011 0:00	2/26/2011 0:00	2/26/2011 0:00	
217 Elmwood Drive	2/28/2011 0:00	2/26/2011 0:00	2/26/2011 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

143 Mialy Place - MH 8973	2/22/2011 0:00	2/22/2011 0:00	2/22/2011 0:00	
Island #5 Green Circle	2/7/2011 0:00	2/5/2011 0:00	2/5/2011 0:00	
Catherine Heights Road - MH #1750	2/3/2011 0:00	2/1/2011 0:00	2/2/2011 0:00	
Spring Street - MH #4118	2/2/2011 0:00	2/1/2011 0:00	2/1/2011 0:00	
Spring Street - MH #4117	2/2/2011 0:00	2/1/2011 0:00	2/1/2011 0:00	
Carpenter Dam Road - MH #5259	2/2/2011 0:00	2/1/2011 0:00	2/2/2011 0:00	
Files Road - MH #1520	2/2/2011 0:00	2/1/2011 0:00	2/1/2011 0:00	
Forestview Court - MH #3729	2/2/2011 0:00	2/1/2011 0:00	2/1/2011 0:00	
Albert Pike Road - MH #9451	2/2/2011 0:00	2/1/2011 0:00	2/2/2011 0:00	
Catherine Heights Road - MH #1750	2/2/2011 0:00	2/1/2011 0:00	2/2/2011 0:00	
Ledger Rock Road - MH 7803	#####	#####	#####	
Catherine Heights Rd - MH# 1750	#####	#####	#####	
218 Ruynon Street - MH3901	12/1/2010 0:00	12/1/2010 0:00	12/1/2010 0:00	
Carpenter Dam Road - MH #5259	#####	#####	#####	
Manhole overflow - MH #8022	#####	#####	#####	
2350 Central Ave. - MH #2371	#####	#####	#####	
Golflinks Road - MH #2781	#####	#####	#####	
Not given	#####	#####	#####	
Hollywood Avenue - MH #138	#####	#####	#####	
306 First Street - MH #3631	11/9/2010 0:00	11/8/2010 0:00	11/8/2010 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

270 West Pump - MH #7804	11/8/2010 0:00	11/8/2010 0:00	11/8/2010 0:00	
Forestview Circle - MH #12242	#####	#####	#####	
Milk Lane - MH #10229	#####	#####	#####	
Lift station overflow - Island #5 Green Drive	#####	#####	#####	
119 Green Terrace - Island #5 Pump Station overflow	#####	#####	#####	
Island #5 Green Drive	#####	#####	#####	
Green Circle - MH (300 & 1100 block of) Houston Drive - Pump Station #11 - MH #9844	10/4/2010 0:00	10/4/2010 0:00	10/4/2010 0:00	
270 West Pump Station on Bayou Point Rd - MH #7773	9/30/2010 0:00	9/30/2010 0:00	9/30/2010 0:00	
Hot Springs #1 Pump Station on Aberina Drive - MH #8172	9/24/2010 0:00	9/23/2010 0:00	9/23/2010 0:00	
Bayou Point - MH #7773	9/21/2010 0:00	9/21/2010 0:00	9/21/2010 0:00	
227 Long Island Drive	9/13/2010 0:00	9/13/2010 0:00	9/13/2010 0:00	
Hwy 290 Pump Station Overflow	8/16/2010 0:00	8/17/2010 0:00	8/17/2010 0:00	
Marion Anderson Rd. 10	8/16/2010 0:00	8/17/2010 0:00	8/17/2010 0:00	
Hwy 290 Pump Station	8/16/2010 0:00	8/17/2010 0:00	8/17/2010 0:00	
Catherine Heights Road - MH #9135	8/10/2010 0:00	8/10/2010 0:00	8/10/2010 0:00	
Gorge Road - MH #3327 overflow	8/9/2010 0:00	8/8/2010 0:00	8/8/2010 0:00	
4832 Central Avenue	7/28/2010 0:00	7/28/2010 0:00	7/28/2010 0:00	



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

McLeod Street - MH #11274	7/27/2010 0:00	7/26/2010 0:00	7/26/2010 0:00	
Grand B Road - MH #9620	7/21/2010 0:00	7/20/2010 0:00	7/20/2010 0:00	
Higdon Perry Road (South End) MH #8278	7/12/2010 0:00	7/10/2010 0:00	7/10/2010 0:00	
Bayside Pump Station on Bayside Rd. - MH #9717	6/30/2010 0:00	6/30/2010 0:00	6/30/2010 0:00	
Island #5 Green Drive - pump station overflow	6/30/2010 0:00	6/30/2010 0:00	6/30/2010 0:00	
215 Hwy 290 - Pump Station	6/22/2010 0:00	6/21/2010 0:00	6/21/2010 0:00	
320 Davidson Drive	6/21/2010 0:00	6/21/2010 0:00	6/21/2010 0:00	
Lakeside Pumping Station - MH	6/11/2010 0:00	6/11/2010 0:00	6/11/2010 0:00	
Hot Springs Creek Pumping Station - MH	6/11/2010 0:00	6/11/2010 0:00	6/11/2010 0:00	
Gulpha Creek Pumping Station - MH	6/11/2010 0:00	6/11/2010 0:00	6/11/2010 0:00	
Forest View Court - MH #12242	5/27/2010 0:00	5/26/2010 0:00	5/27/2010 0:00	
Lakepark Drive - MH #9050	5/27/2010 0:00	5/26/2010 0:00	5/27/2010 0:00	
Catherine Heights Road	5/27/2010 0:00	5/26/2010 0:00	5/26/2010 0:00	
	5/27/2010 0:00	5/27/2010 0:00	5/27/2010 0:00	
Hot Springs #1 Pump Station on Aberina Street - MH #8182	5/27/2010 0:00	5/26/2010 0:00	5/27/2010 0:00	
MH #10229	5/25/2010 0:00	5/25/2010 0:00	5/25/2010 0:00	
MH #5259	5/21/2010 0:00	5/20/2010 0:00	5/20/2010 0:00	
MH #1750	5/21/2010 0:00	5/20/2010 0:00		

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

MH #5259	5/17/2010 0:00	5/15/2010 0:00	5/15/2010 0:00	
MH #5259	5/17/2010 0:00	5/15/2010 0:00	5/15/2010 0:00	
270 Summertime Point - MH #8489	4/25/2010 0:00	4/24/2010 0:00	4/24/2010 0:00	
4915 Central Avenue	4/1/2010 0:00	4/1/2010 0:00	4/1/2010 0:00	
MH - 2026	3/29/2010 0:00	3/29/2010 0:00	3/29/2010 0:00	
MH #1865	3/25/2010 0:00	3/25/2010 0:00	3/25/2010 0:00	
270 West Pump Station - MH - #7773 at Bayou Point	3/22/2010 0:00	3/22/2010 0:00	3/22/2010 0:00	
Simplex Grinder (Facility ID #486)	3/17/2010 0:00	3/17/2010 0:00	3/17/2010 0:00	
Carpenter Dam Pump Station - Facility ID #170	3/11/2010 0:00	3/11/2010 0:00	3/11/2010 0:00	
Hot Springs creek - MH	2/22/2010 0:00	2/21/2010 0:00	2/21/2010 0:00	
	2/22/2010 0:00	10/2/2011 0:00	10/2/2011 0:00	
MH #12242	2/22/2010 0:00	2/21/2010 0:00	2/21/2010 0:00	
MH #7773	2/22/2010 0:00	2/22/2010 0:00	2/22/2010 0:00	
Music Mountain Pump station - MH #7773	2/22/2010 0:00	2/21/2010 0:00	2/21/2010 0:00	
Music Mountain Pump station went down causing MH #7773 to overflow	2/22/2010 0:00	2/21/2010 0:00	2/21/2010 0:00	
MH #615	2/16/2010 0:00	2/15/2010 0:00	2/15/2010 0:00	
Family Park Road	2/15/2010 0:00	2/14/2010 0:00	2/14/2010 0:00	
MH # 1748	2/10/2010 0:00	2/8/2010 0:00	2/10/2010 0:00	
MH #'s 991, 993, and 998	2/10/2010 0:00	2/8/2010 0:00	2/10/2010 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Elkhorn Loop Pump Station	2/10/2010 0:00	2/10/2010 0:00	2/10/2010 0:00	
Elkhorn Loop Pump Station MH # 13541	2/10/2010 0:00	2/10/2010 0:00	2/10/2010 0:00	
MH # 9451	2/10/2010 0:00	2/8/2010 0:00	2/9/2010 0:00	
Wilson Mills pump Station Mh # 8697	2/10/2010 0:00	2/8/2010 0:00	2/8/2010 0:00	
MH # 12242	2/10/2010 0:00	2/8/2010 0:00	2/9/2010 0:00	
MH # 1865	2/10/2010 0:00	2/8/2010 0:00	2/10/2010 0:00	
MH # 4118	2/9/2010 0:00	2/8/2010 0:00	2/9/2010 0:00	
MH # 1899	2/9/2010 0:00	2/10/2010 0:00	2/10/2010 0:00	
MH # 118	2/9/2010 0:00	2/9/2010 0:00	2/9/2010 0:00	
Hot Springs Creek Pump Station	2/8/2010 0:00	2/4/2010 0:00	2/6/2010 0:00	
Lakeside Pump Station overflowed	2/8/2010 0:00	2/4/2010 0:00	2/6/2010 0:00	
Fairwood Pump Station	2/8/2010 0:00	2/4/2010 0:00	2/6/2010 0:00	
Gulpha Pump Station Overflow	2/8/2010 0:00	2/4/2010 0:00	2/6/2010 0:00	
2500 Marion Anderson - Mazarn #3 Pump Station overflow	2/5/2010 0:00	2/4/2010 0:00	2/4/2010 0:00	
MH #869 @ Sunnyside Street	1/14/2010 0:00	1/9/2010 0:00	1/9/2010 0:00	
MH at 4684 Malvern Ave.	1/12/2010 0:00	1/11/2010 0:00	1/12/2010 0:00	
MH #346	1/11/2010 0:00	1/9/2010 0:00	1/9/2010 0:00	
Airport Road	#####	#####		
MH # 456	#####	#####	#####	
Wilson Mill Pump Station on Scroggins Terr	#####	#####	#####	
Fairway Pump Station	#####	#####	#####	
Mazarn #2 1710 Marion Anderson Rd	#####	#####	#####	
McLeod Street	#####	#####	#####	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	#####	#####	#####	
Fontana Road	#####	#####	#####	
MH# 2222	#####	#####	#####	
Manholes 4117 and 4118	#####	#####	#####	
Manholes 3729 & 12242	#####	#####	#####	
Gulpha Creek pump station on Catherine Heights	#####	#####	#####	
	#####	#####	#####	
Hot Springs #1 Lift Station	#####	#####	#####	
Wilson Mill pump station on Scroggins Terrace	#####	#####	#####	
Brown Drive Pump Station	#####	#####	#####	
Tanglewood Pump Station	#####	#####	#####	
Treatment Plant	11/6/2009 0:00	#####	11/1/2009 0:00	
Gulpha Creek Pump Station	11/2/2009 0:00	11/2/2009 0:00	11/2/2009 0:00	
Gulpha Creek Pump Station on Catherine Heights Road	11/2/2009 0:00	#####	#####	
Lakeside Pump Station at Carpenter Dam and Grand Point	11/2/2009 0:00	#####	#####	
Fontana Road / MH# 1864	11/2/2009 0:00	#####	#####	
McLeod Street / MH#s 991, 993, 998	11/2/2009 0:00	#####	#####	
Lakeside Pump Station at Carpenter Dam and Grand Point	11/2/2009 0:00	#####	#####	
Forest View Circle / MH # 12242	11/2/2009 0:00	#####	#####	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Fairwood MH # 9451	11/2/2009 0:00	#####	#####	
Spring Creek / MH # 4118	11/2/2009 0:00	#####	#####	
Hot Spring #1 on Amberina Road	#####	#####	#####	
	#####	#####		
MH's on McLeod Street	#####	#####	#####	
Fairwood Pump Station at Macon Terr. And Hwy 270	#####	#####	#####	
MH # 3347	#####	#####		
Gulpha Creek Pump Station on Catherine Heights	#####	#####	#####	
	#####	#####	#####	
Fontana Road Lift Ststion	#####	#####	#####	
Lakeside Pump Station at Carpenter Dam and Grand Point	#####	#####	#####	
Amberina Drive	#####	10/9/2009 0:00	10/9/2009 0:00	
Fontana Road	#####	10/9/2009 0:00	10/9/2009 0:00	
Fairwood Pump Station / Macon Terr. And Hwy 270	#####	10/9/2009 0:00	10/9/2009 0:00	
Beverly Hills on Alise Circle	#####	10/9/2009 0:00	10/9/2009 0:00	
	#####	10/9/2009 0:00	#####	
MH # 170	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Gulpha Gorge Road MH # 3347	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
MH # 1134	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
MH # 162	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Files Road MH # 1520	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Files Road MH # 1521	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Manhole # 5337	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
MH # 162	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Shady Grove Road MH # 175	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Spring Street MH # 4118	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Hermlee Street MH # 1510	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Files Road MH # 1521	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Hawthorne Street MH # 456	10/9/2009 0:00	10/9/2009 0:00	10/9/2009 0:00	
Malvern Highway Pumpstation in Essex Park	10/9/2009 0:00	10/6/2009 0:00	10/6/2009 0:00	
Island #5 on Green Circle	9/21/2009 0:00	9/19/2009 0:00	9/19/2009 0:00	
	9/17/2009 0:00	9/16/2009 0:00	9/17/2009 0:00	
	9/17/2009 0:00	9/16/2009 0:00	9/17/2009 0:00	
	9/17/2009 0:00	9/17/2009 0:00	9/17/2009 0:00	
	9/17/2009 0:00	9/17/2009 0:00	9/17/2009 0:00	
	9/17/2009 0:00	9/16/2009 0:00	9/16/2009 0:00	
	9/17/2009 0:00	9/16/2009 0:00	9/17/2009 0:00	
Hot Springs #3 Pump Station on Higdon Ferry Road	9/8/2009 0:00	9/5/2009 0:00	9/5/2009 0:00	
Macon Terrace and Hwy 270	8/31/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
	8/27/2009 0:00	8/27/2009 0:00	8/27/2009 0:00	
Port-au-Prince Pump Station	8/24/2009 0:00	8/22/2009 0:00	8/22/2009 0:00	
Laura Dr.	8/6/2009 0:00	8/5/2009 0:00	8/5/2009 0:00	
Carpenter Dam Road and Grant Point	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	
Hot Springs Creek pump station on Fontana	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	
Carpenter Dam and Grand Point	8/3/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
Fontana Rd.	8/3/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
Carpenter Dam and Grand Point	8/3/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
Catherine Heights	8/3/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
Gulpha Creek pump station on Catherine Heights	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Gulpha Creek pump station on Catherine Heights	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	
Amberina	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	
Macon Terr and Hwy 270	8/3/2009 0:00	8/1/2009 0:00	8/2/2009 0:00	
Hot Springs pump station on Fontana Rd	8/3/2009 0:00	7/31/2009 0:00	7/31/2009 0:00	
McLeod St.	7/31/2009 0:00	7/30/2009 0:00	7/30/2009 0:00	
McLeod St.	7/31/2009 0:00	7/30/2009 0:00	7/30/2009 0:00	
Macon Terrace and Hwy 270	7/30/2009 0:00	7/27/2009 0:00	7/29/2009 0:00	
Macon Terr. And Hwy 270	7/30/2009 0:00	7/27/2009 0:00	7/29/2009 0:00	
Amberina Road	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
Catherine Heights Rd.	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
Gulpha Gorge Road and Sleepy Valley Road	7/29/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
Gulpha Gorge Road at bridge on north side of campground	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
McLeod St.	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
1545 SPRING STREET	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
Hot Springs creek pump station	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
1545 Spring Street	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
Gulpha Gorge Rd and Sleepy Valley Rd	7/29/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
McLeod St.	7/29/2009 0:00	7/28/2009 0:00	7/29/2009 0:00	
Carpenter Dam and Grand Point	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
215 Hwy 290	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
	7/29/2009 0:00	7/27/2009 0:00	7/27/2009 0:00	
798 Adams St.	7/28/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
	7/28/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
Shady Grove on Train Trussell	7/28/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
	7/28/2009 0:00	7/28/2009 0:00	7/28/2009 0:00	
290 Pump Station 215 highway 290	7/22/2009 0:00	7/21/2009 0:00	7/21/2009 0:00	
215 Hwy 290	7/22/2009 0:00	7/21/2009 0:00	7/21/2009 0:00	
Macon Terrace & Hwy 270	7/17/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	
Quail House Pump Station	7/17/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	
Quail House pump station on Lake Aire	7/17/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	
	7/17/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	
	7/17/2009 0:00	7/16/2009 0:00	7/16/2009 0:00	
Lakeland Dr. and Lake Hamilton Dr.	6/26/2009 0:00	6/25/2009 0:00	6/25/2009 0:00	
Channel View and Brown Dr.	6/22/2009 0:00	6/21/2009 0:00	6/21/2009 0:00	
208 Bayside Rd."""""""dssssssssss                       ssssssssssssssssss ssssssssssssssss	6/15/2009 0:00	6/13/2009 0:00	6/13/2009 0:00	
	6/15/2009 0:00	6/13/2009 0:00	6/13/2009 0:00	
208 Bayside Rd.	6/15/2009 0:00	6/13/2009 0:00	6/13/2009 0:00	
110 Edgewater Cr.	6/12/2009 0:00	6/12/2009 0:00	6/12/2009 0:00	
East Reed and Havloc	6/8/2009 0:00	6/6/2009 0:00	6/6/2009 0:00	



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

<b>Time Overflow Stopped</b>	<b>Volume</b>	<b>Stream</b>	<b>Description</b>
2:30 PM	1,500	SSO Reached Public Land Only (ground)	
9:00 AM	2000	SSO Reached Receiving Water (river,stream)	
10:00 AM	3000	SSO Reached Receiving Water (river,stream)	
1:30 PM	15000	SSO Reached Receiving Water (river,stream)	
1:00 PM	10000	SSO Reached Receiving Water (river,stream)	
2:00 PM	12000	SSO Reached Receiving Water (river,stream)	
4:00 PM	12000	SSO Reached Receiving Water (river,stream)	
7:00 PM	35000	SSO Reached Receiving Water (river,stream)	
	Still overflowing at this time.	SSO Reached Receiving Water (river,stream)	
1:30 AM	5500	SSO Reached Receiving Water (river,stream)	
8:30 AM	10,000	SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

2:00 AM	8000	SSO Reached Receiving Water (river,stream)	
1:00 AM	5000	SSO Reached Receiving Water (river,stream)	
8:00 AM	9000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
10:00 PM	12000	SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

8:00 PM	8000	SSO Reached Receiving Water (river,stream)	
8:00 PM	8000	SSO Reached Receiving Water (river,stream)	
8:00 PM	10000	SSO Reached Receiving Water (river,stream)	
8:00 PM	2000	SSO Reached Receiving Water (river,stream)	
10:00 PM	7500	SSO Reached Receiving Water (river,stream)	
10:00 PM	7500	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
6:00 PM	8000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
8:00 PM	1500	SSO Reached Receiving Water (river,stream)	
7:30 PM	5000	SSO Reached Receiving Water (river,stream)	
8:00 PM	2000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
7:00 PM	2000	SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

10:00 AM	10000	SSO Reached Receiving Water (river,stream)	
10:00 PM	5000	SSO Reached Receiving Water (river,stream)	
12:30 PM	5000	SSO Reached Receiving Water (river,stream)	
7:00 PM	12000	SSO Reached Receiving Water (river,stream)	
7:00 PM	8000	SSO Reached Receiving Water (river,stream)	
10:00 AM	Undetermined	SSO Reached Receiving Water (river,stream)	
10:30 AM	5000	SSO Reached Receiving Water (river,stream)	
	Still overflowing at still time.	SSO Reached Receiving Water (river,stream)	
2:00 PM	2500	SSO Affected Private Property (ground)	
12:00 PM	8500	SSO Reached Receiving Water (river,stream)	
11:30 AM	7500	SSO Reached Receiving Water (river,stream)	
	Still overflowing at still time.	SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	Still overflowing at still time.	SSO Reached Receiving Water (river,stream)	
6:00 PM	25000	SSO Reached Receiving Water (river,stream)	
6:00 PM	25000	SSO Reached Receiving Water (river,stream)	
6:00 PM	20000	SSO Reached Receiving Water (river,stream)	
6:00 PM	10000	SSO Reached Receiving Water (river,stream)	
6:00 PM	25000	SSO Reached Receiving Water (river,stream)	
2:00 AM	15000	SSO Reached Receiving Water (river,stream)	
6:00 PM	30000	SSO Reached Receiving Water (river,stream)	
1:30 PM	8000	SSO Reached Receiving Water (river,stream)	
1:30 PM	3000	SSO Reached Receiving Water (river,stream)	
2:00 AM	30000	SSO Reached Receiving Water (river,stream)	
2:00 AM	10000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
5:30 PM	8000	SSO Reached Receiving Water (river,stream)	
12:00 AM	20000	SSO Reached Receiving Water (river,stream)	
12:00 AM	25000	SSO Reached Receiving Water (river,stream)	
5:30 PM	10000	SSO Reached Receiving Water (river,stream)	
12:00 AM	20000	SSO Reached Receiving Water (river,stream)	
12:00 AM	15000	SSO Reached Receiving Water (river,stream)	

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
1:30 PM	4000	SSO Reached Receiving Water (river,stream)	
8:00 AM	5000	SSO Reached Receiving Water (river,stream)	
1:30 PM	6000	SSO Reached Receiving Water (river,stream)	
3:00 AM	5000	SSO Reached Receiving Water (river,stream)	
3:00 AM	7000	SSO Reached Receiving Water (river,stream)	
3:00 AM	7000	SSO Reached Receiving Water (river,stream)	
3:00 AM	7000	SSO Reached Receiving Water (river,stream)	
9:30 AM	1000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
1:30 PM	4000	SSO Reached Receiving Water (river,stream)	
		SSO Reached Receiving Water (river,stream)	
10:30 AM	200	SSO Reached Public Land Only (ground)	
5:30 PM	1000	SSO Reached Public Land Only (ground)	
3:10 PM	500	SSO Affected Private Property (ground)	
8:45 AM	200	SSO Affected Private Property (ground)	
9:20 AM	5000	SSO Affected Private Property (ground)	
11:00 AM	200	SSO Affected Private Property (ground)	
11:00 AM	500	SSO Reached Receiving Water	Manhole # 5259 at Lakeside Pump Station on Carpenter Dam Rd. Overflowed
2:10 PM	400	SSO Reached Public Land Only	Manhole # 1645 on Rockefeller Rd overflowed

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

3:00 PM	Undetermined	SSO Affected Private Property	6 Gravity Sewer Main broke. Behind 4319 Central Ave
12:30 PM	3000	SSO Reached Public Land Only	Manhole # 9185 on Catherine Heights Rd Overflowed
9:30 AM	1500	SSO Reached Receiving Water	Carpenter Dam Pump Station on Lake Park Dr. Overflowed
9:40 AM	5000	Lake Hamilton	Manhole # 9451 on Albert Pike Rd Overlowed
9:40	5000	Lake Hamilton	MH #9451 - Albert Pike Road
12:40 PM	800	Yard	Manhole # 10229 at 102 Milk Ln ran over
12:40 PM	800	Yard	Manhole # 10229 at 102 Milk Ln ran over
	1000	Lake Hamilton	On 6/7/2011 at 6:00 - 8:00 pm a MH overflow occurred.
	4000	Lake Hamilton	On 5/28/2011 at 3:00 - 8:00 am a main line overflow occurred.
	10000	Lake Hamilton	On 5/27/2011 at 5:30 pm until 5/28/2011 5:00 am a manhole overflow occurred.
	30000	Stokes Creek	5/24/2011 at 3:00 am to 10:00 pm a manhole overflow occurred.
	30000	Stokes Creek	On 5/24/2011 at 3:00 am to 10:00 pm a manhole overflow occurred.
	30000	Lake Hamilton	On 5/24/2011 at 3:00 am to 10:00 pm a MH overflow occurred.
	20000	Gulpha Creek	On 5/24/2011 at 3 am to 9:00 pm a manhole overflow occurred.
	20000	Unknown Creek	On 5/24/2011 at 3:00 am to 10:00 pm a manhole overflow occurred.
	15000	Stokes Creek	On 5/24/2011 at 3:00 am to 9:30 pm a manhole overflow occurred.
	20000	Stokes Creek	On 5/24/2011 at 3:00 to 9:30 pm a manhole overflow occurred.
	30000	Stokes Creek	On 5/24/2011 at 3 am to 10 pm a manhole overflow occurred.
	4000	Gulpha Creek	On 5/24/2011 at 3:00 am to 12:30 pm a manhole overflow occurred.
		Gulpha Creek	On 5/24/2011 at 3:00 am a manhole overflow occurred.
		Stokes Creek	On 5/24/2011 at 3:00 am a manhole overflow occurred.
		Stokes Creek	On 5/24/2011 at 3:00 am a manhole overflow occurred and has continued to flow.
		Stokes Creek	On 5/24/2011 at 3:00 am a Manhole occurred. The flow is still continuing.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		Lake Hamilton	On 5/24/2011 at 3:00 am a manhole overflow occurred. The overflow was still flowing at the time.
	300	Unknown Creek	On 5/23/2011 at 3:30 - 4:30 pm a manhole overflow occurred.
	8000	Stokes Creek	On 5/21/2011 at 3:00 am to 5:00 pm a manhole overflow occurred.
	3000	Unknown Creek	On 5/21/2011 at 2:30 am to 8:00 am a manhole overflow occurred.
	100	Asphalt area	On 5/22/2011 at 11:00 - 12:00 pm a manhole overflow occurred.
	3000	Stokes Creek	On 5/21/2011 at 3:00 am to 3:00 pm a manhole overflow occurred.
	2500	Stokes Creek	On 5/21/2011 at 3 am to 4 pm a manhole overflow occurred.
	4500	Stokes Creek	On 5/21/2011 at 3 am to 5 pm a manhole overflow occurred.
	1000	Lake Hamilton	On 5/21/2011 at 2:30 to 3:00 am a manhole overflow occurred.
	300	ditch	On 05/09/2011 @ 11:00 am until 05/09/2011 @ 11:30 am a manhole overflow occurred
	1000	creek	On 05/09/2011 @ 6:00 am until 05/09/2011 @ 6:30 am a manhole overflowed
	5000	creek	On 05/07/2011 @ 7:30 am until 05/07/2011 @ 10:00 am a manhole overflowed
		creek	On 05/05/2011 @ 2:30 pm until 05/06/2011 @ 5:00 pm a manhole overflowed
			On 5/6/2011 a line break occurred because 24" gravity main caved in because top section of box had deteriorated.
		creek	On 05/05/2011 @ 2:30 pm a manhole overflow occurred and it is still overflowing.
	400	creek	On 05/05/2011 @ 1:00 pm until 05/05/2011 2:30 pm a manhole overflow occurred.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		creek	On 05/05/2011 @ 1:00 pm a manhole overflow began and it is still overflowing.
		Gulpha Creek	On 5/1/2011 at 5:00 am to 5/5/2011 at 1:00 am a manhole overflow occurred.
	10000	Stokes Creek	On 5/4/2011 at 5:00 am to 1:00 pm.
	5000	Creek - Unknown	On 5/1/2011 at 9:00 pm to 5/3/2011 at 10:00 pm a manhole overflow occurred.
	25000	Unknown Creek	On 5/1/2011 at 5:00 am to 5/4 1:30 am a manhole overflow occurred.
	50000	Lake Hamilton	On 5/1/2011 at 5:00 am to 5/4/2011 at 3:00 am a manhole overflow occurred.
	40000	Gulpha Creek	On 5/1/2011 at 5:00 am to 5/4/2011 at 3:00 am a manhole overflow occurred.
	20000	Gulpha Creek	On 5/1/2011 at 5:00 am to 5/4/2011 1:30 am a manhole overflowed
	1000	Mill Creek	Creek crossing on Springs Street was washed out on 5/3/2011 at 2-4 pm.
	3000	Gulpha Creek	On 5/1/2011 at 11:00 pm to 5/3/2011 at 3:00 pm a manhole overflowed.
	1500	Gulpha Creek	On 5/1/2011 at 3:00 pm to 5/2/2011 at 10:00 pm a manhole overflow occurred.
	1000	ditch and ground	On 5/1/2011 at 3:00 pm until 5/2/2011 at 10:00 pm a manhole overflow occurred.
		Hot Springs Creek	On 5/1/2011 at 3:00 pm until 5/2/2011 at 10:00 am a manhole overflow occurred.
		Unknown Creek	On 5/1/2011 at 9:00 pm a manhole overflow occurred.
		Gulpha Creek	On 5/1/2011 at 11:00 pm a manhole overflow occurred.
		Hot Springs Creek	On 5/1/2011 at 3:00 pm until 5/3/2011 at 10:00 am a manhole overflow occurred.
	10000	Gulpha Creek	On 5/1/2011at 5:00 am to 5/2/2011 until 1:00 am a manhole overflow occurred.
	10000	Gulpha Creek	On 5/1/2011 from 5:00 am to 1:00 am on 5/2/2011.
		Gulpha Creek	On 5/2/2011 a manhole overflow occurred and ended.
		ditch & ground	On 5/1/2011 a manflow overflow occurred on 5/1/2011/

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		Hot Springs Creek	On 5/1/2011 at 3:00 pm a manhole overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 at 2:30 - 10:00 pm a manhole overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 at 2:30 to 10:00 pm a manhole overflow occurred.
		Hot Springs Creek	On 5/2/2011 at 3:00 pm a manhole overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 at 2:30 to 10:00 pm a MH overflow occurred.
	500	Hot Springs Creek	On 5/2/2011 at 2:30 - 10:00 pm a manhole overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 a manhole overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 at 2:30 - 10:00 pm a MH overflow occurred.
	500	Hot Springs Creek	On 5/2/2011 at 2:30 - 10:00 pm a manhold overflow occurred.
	500	Hot Springs Creek	On 5/1/2011 at 2:30 - 10:00 pm a manhole overflow occurred.
	500	Hot Springs Creek	On 5/2/2011 at 2:30 - 10:00 pm a manhole overflow occurred.
		Stokes Creek	On 5/1/2011 at 5:00 am and still flowing, a manhole overflow occurred.
		Stokes Creek	On 5/1/2011 at 5:00 am and still flowing, a manhole overflow occurred.
		Gulpha Creek	On 5/1/2011 at 5:00 am, a manhole overflow occurred. It is still pending.
		Lake Hamilton	On 5/1/2011 at 5:00 am a manhole overflow occurred.
		Stokes Creek	On 5/2/2011 at 5:00 am a manhole overflow occurred and is still flowing.
		Stokes Creek	On 5/1/2011 at 5:00 am a manhole overflowed and is still flowing.
		Lake Hamilton	On 5/1/2011 at 5:00 am and flow still going.
		Unknown Creek	On 5/2/2011 at 5:00 am a manhole overflow occurred and continued overflowing.
		Stokes Creek	On 4/25/2011 at 6:25 am to 4/27/2011 at 11:30 pm a manhole overflow occurred.
	20000	Unknown Creek	On 4/25/2011 at 6:00 am to 4/27/2011 to 11:00 pm a manhole overflow occurred.
		Lake Hamilton	On 4/25/2011 at 6:00 am to 4/27/2011 at 11:45 pm a manhole overflow occurred

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		Stokes Creek	On 4/26/2011 a manhole overflow occurred and is still overflowing.
		Gulpha Creek	On 4/26/2011 at 11:30 PM an overflow occurred and is still flowing.
		Stokes Creek	On 4/26/2011 at 11:00 pm an overflow occurred. It has not stopped flowing at this time.
		Stokes Creek	On 4/25/2011 at 6/20 am to 4/26/2011 until 6:00 pm.
	3000	Lake Catherine	On 4/26/2011 8-4 pm a pump station overflow occurred.
	2000	Gulpha Creek	On 4/25/2011 at 11:30 - 1:30 pm a manhole overflow occurred.
	2000	Gulpha Creek	On 4/25/2011 11:30 pm to 4/26/2011 at 1:30 pm a manhole overflow occurred.
	1000	Stokes Creek	On 4/26/2011 at 11 am to 1 pm a manhole overflow occurred.
	1500	Stokes Creek	On 5/26/2011 at 11 - 2 a manhole overflow occurred.
	1500	Stokes Creek	On 4/25/2011 at 6:35 pm to 4/26/2011 at 11:45 am a manhole overflow occurred.
	3000	Stokes Creek	On 4/25/2011 at 6:30 - 12:00 pm a manhole overflow occurred
		Gulpha Creek	On 4/25/2011 at 6:30 pm an overflow occurred.
		Gulpha Creek	On 4/25/2011 at 6:30 pm a manhole overflow occurred.
		Gulpha Creek	On 4/25/2011 at 6:25 pm a manhole overflow occurred. It is still overflowing.
		Lake Hamilton	On 4/26/2011 at 7:30 am a manhole overflow occurred.
	1500	Gulpha Creek	On 4/25/2011 at 7:30 - 10:00 am a manhole overflow occurred.
		Lake Catherine	On 4/26/2011 at 8:00 am and still pending end of overflow.
	3000	Hot Springs Creek	On 4/26/2011 at 6-11 am an overflow occurred.
	1500	Lake Hamilton	On 4/26/2011 at 8 am - 12 pm MH overflow occurred.
	500	Lake Hamilton	On 4/26/2011 at 8 am - 12 pm a manhole overflow occurred.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	800	Lake Catherine	On 4/26/2011 from 8 am - 12 pm a manhole overflow occurred.
			On 4/25/2011 at 6:00 a.m. a manhole overflow occurred.
		Hot Springs Creek	On 4/25/2011 at 6:00 am a manhole overflow occurred.
		Gulpha Creek	On 4/25/2011 at 6:30 am a manhole overflow occurred.
		Stokes Creek	On 4/25/2011 at 6:00 am a manhole overflow occurred.
			On 4/25/2011 at 6:00 am a manhole overflow occurred.
	20000	Stokes Creek	On 4/25/2011 at 6:00 am to 4/27/2011 11:00 pm a manhole overflow occurred.
	2500	Unkknown Creek	On 4/21/2011 at 4:55 am to 5:30 pm an overflow occurred.
	1000	Stokes Creek	On 4/21/2011 at 5:40 am - 2:00 pm a manhole overflow occurred.
	1000	Stokes Creek	On 4/21/2011 at 5:40 am to 2:00 pm a manhole overflow occurred.
	1000	Stokes Creek	On 4/21/2011 at 5:40 am to 2 pm a manhole overflow occurred.
	5000	Hot Springs Creek	On 4/21/2011 at 5:35 - 7:30 am a manhole overflow occurred.
	5000	Hot Springs Creek	On 4/21/2011 at 5:30 am to 7:30 am a manhole overflow occurred.
	150	Ditch and ground	On 4/7/2011 at 5:00 - 8:30 pm duplex pump station overflowed.
	500	ditch	On 3/27/2011 at 9:45 am to 2:00 pm both overload breakers on both pumps were tripped causing a lift station overflow.
	100	Paved area	On 3/11/2011 a manhole overflow occurred at 11:30 am to 12:00 on 3/12/2011.
	200	ground	On 3/9/2011 at 5:30 - 8:30 pm a manhole overflow occurred.
	200	ground	On 3/9/2011 at 5:30 - 8:30 PM an overflow occurred.
	75	ditch	On 2/26/2011 at 4:00 - 4:15 pm a wet well overflow occurred.
	2000	Lake Catherine	On 2/26/2011 at 8:00 am - 6:00 pm an overflow occurred from a 4" sewer pressure main.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	500	Unknown creek	On 2/22/2011 at 7:30 - 8:45 a.m. a MH overflow occurred.
	200	ditch	On 2/5/2011 from 6:35 - 6:50 p.m. a wet well if Island #5 overflowed on Green Circle.
		Gulpha Creek	On 2/1/2011 at 9:00 am - 10 pm on 2/2/2011 a manhole overflow occurred.
	1500	Gulpha Creek	On 2/1/2011 at 10 am - 4:30 pm, an overflow occurred.
	1000	Gulpha Creek	On 2/1/2011 a MH overflow occurred at 10:15 - 4:00 p.m.
	4000	Unknown creek	On 2/1/2011 at 10:30 am - 2:00 pm on 2/2/2011 an overflow occurred.
	100	ground	On 2/1/2011 at 1 - 2:30 p.m. an overflow occurred.
	500	Hot Springs Creek	On 2/1/2011 at 2:00 - 5:00 p.m. a manhole overflow occurred.
	4000	Lake Hamilton	On 2/1/2011 at 9 am - 1 am a manhole overflow occurred.
		Gulpha Creek	On 2/1/2011 at 9:00 am an MH overflow occurred.
	800	Lake Hamilton	On 12/17/2010 at 9:52 - 10:09 a.m. a MH overflow occurred.
		Gulpha Creek	On 12/11/2010 at 10:30 until 12/12/2010 at 4:30 an overflow occurred at Catherine Heights MH.
	200	Hot Springs Creek	On 12/1/2010 at 12:30 - 1:00 p.m. an overflow occurred at 218 Ruynon.
	750	Unknown Creek	On 11/29/2010, at 4:20 - 4:35 p.m. a Manhole overflow began and ended.
	700	Lake Hamilton	Lift Station Overflow at 8:30-9:00 a.m. The main breaker and pump station was tripped off.
	1500	Ditch and ground	On 11/21/2010 a MH overflow occurred at 9 - 10 p.m.
	150	ditch	On 11/22/2010, at 10:00 a.m. to 12:15 p.m. a manhole overflow occurred.
	500	ditch	On 11/18/2010 at 11:58 a.m. to 4:30 p.m., the line to the air release valve broke.
	150	ground	On 11/18/2010 at 10:30 - 11 a.m. a manhole overflow occurred.
	200	ground	On 11/8/2010 at 9:45 - 10:20 p.m. a manhole overflow occurred.



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	400	ground	On 10:30 - 11:00 on 11/8/2010 a manhole overflow occurred
		Hot Springs Creek	On 10/26/2010, a MH overflow occurred at 7:45 a.m. and ended at 5:00 a.m. on 10/27/2010.
	100	Ditch & ground	On 10/20/2010, a manhole overflow occurred because of equipment failure in the pump station.
	300	Ditch	On 10/20/2010, an overflow occurred
	500	ground	On 10/17/2010 at 4:00 -4:30 p.m. a power failure occurred which caused an overflow.
	500		On 10/18/2010, a lift station overflow occurred and ended the same day.
	400	DITCH	On 10/4/2010 at 10-10:20 a.m. a manhole overflow occurred.
	6000	ditch and ground	On 9/30/2010 at 6:30 - 7:30 a.m. a manhole and pumpstation overflowed.
	500	ditch	On 9/30/2010 from 1-1:40 p.m. a manhole overflow occurred at a pump station.
	1000	Unknown Creek	On 9/23/2010 at 4:45-5:00 p.m. a manhole overflow occurred.
	300		On 9/21/2010 at 10:30 -10:50 a.m. a manhole overflow occurred.
	1200	Ground	On 9/13/2010 at 9 - 10:15 a.m., a line broke by the Water Dept. pressure sewer service.
	300		On 8/17/2010, a lift station overflow occurred at 8:15-8:45 a.m.
	8100	Lake Hamilton	On 8/17/2010, a main line overflow occurred (10 force main -Marion Anderson Rd)
	300	ground	On 8/17/2010, a pump station overflow occurred.
		Gulpha Creek	On 8/10/2010, at 1:00 - 11:30 a.m. a manhole overflow occurred.
	1000	Gulpha Creek	On 8/8/2010, a manhole overflow occurred from 8:00 - 9:30 p.m.
	45000	Lake Hamilton	A sewer force main break occurred at 8:00 a.m. to 1:30 p.m.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	2500	Stokes Creek	On 7/26/2010, a manhole overflow occurred at 6:00 - 6:30 p.m.
	300	ditch	On 7/20/2010, a manhole overflow occurred from 3:00 - 3:50 p.m.
	4500	Lake Hamilton	On 7/10/2010, a manhole overflow occurred and lasted from 7:00 - 7:45 p.m.
	600	Lake Hamilton	On 6/30/2010, a manhole overflow occurred at 8:45 - 9:00 a.m.
	200	ditch	On 6/30/2010, a pump station overflow occurred. It began at 8:45 - 9:10 a.m.
	1000	Lake Hamilton	On 6/21/2010, a pump station overflow occurred because of a power failure.
	300	drained to creek	On 6/21/2010, a grit pump float stuck down, shutting the pump off. Approx. 300 gallons of ww ran into the creek.
		stream	On 6/11/2010 at 3:50 a.m. - 2:00 p.m. a manhole overflow occurred at Lakeside Pumping Station.
		Hot Springs Creek	On 6/11/2010 at 2:00 a.m. to 2:00 p.m. a manhole overflow occurred.
		Gulpha Creek	A manhole overflow occurred on 6/11/2010 at 1:30 - 2:00 p.m.
	6000	Hot Springs Creek	On 5/26/2010, a manhole overflow occurred at 8:00 p.m. It continued flowing until 12:00 a.m. on 5/27/2010.
	500	Unknown-Creek	On 5/26/2010, a manhole overflow occurred at 8:00 p.m. until 12:00 a.m. on 5/27/2010.
	1500	Gulpha Creek - Manhole #1750.	On 5/26/2010, a manhole overflow occurred at 8:00 - 9:00 p.m. on the same day.
	6000	Hot sp	
	6000	Unknown Creek	On 5/26/2010, the manhole overflowed at 8:00 p.m. - 12:00 a.m.
	10000	ground	On 5/25/2010 at 11:00 - 12:30 p.m. on the same day, a MH overflow occurred.
	2500		On 5/20/2010, a manhole overflow occurred at 12:30 p.m. and ended at 8:15 p.m.
	40000	Gulpha Creek	On 5/20/2010, a manhole overflow occurred at 11:45 a.m. It ended at 10:00 p.m.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

		Creek	On 5/15/2010, a manhole overflow occurred at 4:00 p.m. to 6:00 p.m.
			On 5/15/2010 a manhole overflow occurred from 4:00 - 6:00 p.m.
	750	Lake Hamilton	Manhole overflow occurred on 4/24/2010 at 4:30 p.m. until 5:30 p.m.
	1500	Lake Hamilton	Lift station overflow occurred at 4915 Central Avenue on 4/1/2010 at 3:15 to 4:00 p.m.
	500	Ground surface	Manhole overflow occurred on 3/29/2010 at 2:00 a.m. and ended at 7:30 a.m.
	3000	Hot Springs Creek	Manhole overflow occurred on 3/25/2010 at 6:00 a.m. - 6:30 a.m.
	500		Manhole overflow occurred on 3/22/2010 at 9:45 - 10:00 a.m.
	100	Lake Catherine	Overflow occurred on 3/17/2010 at 11:00 a.m. - 12:00 p.m.
	5000	Lake Catherine	Lift station overflow occurred on 3/11/2010 at 9:30 - 11:00 a.m.
	30000	Hot Springs Creek	Manhole overflow occurred on 2/21/2010 at 11:50 a.m. until 2/21/2010 at 3:00 p.m.
	10000	Lake Hamilton	Music Mtn. pump station went down causing MH #7773 to overflow.
	20000	Hot Springs Creek	MH overflow began 2/21/2010 and began at 12:00 - 2:45 p.m. on the same day.
	7000	Lake Hamilton	MH overflowed at 2/22/2010 from 6:00 - 8:30 a.m.
	10000	Lake Hamilton - Pump station MH #7773	Manhole overflow occurred on 2/21/2010 at 2:00 p.m. until 5:15 p.m.
	10000	Lake Hamilton - MH #7773	MH overflow occurred on 2/21/2010 at 2:00 - 5:15 p.m.
	200	Storm drain	MH overflow occurred on 2/15/2010 at 3:00 - 4:00 p.m.
	750	none	Broken pressure main overflowed into ditch on 2/14/2010 at 12:00 - 12:30 p.m.
	20000	Gulpha Creek	Manhole Overflow
	30000	Stokes Creek	Manholes on McLeod Street Overflowed

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	500		Man hole overflow @ Elkhorn Loop Pump Station. MH # 13542
	500	Ditch	Manhole overflow at Elkhorn Loop Pump station
	10000	Lake Hamilton	Manhole Overflow
	1000	Lake hamilton	Manhole overflow at Wilson Mills pump station
	5000	Hot Springs Creek	Manhole Overflow
	15000	Hot Springs Creek	Man hole overflow @ MH # 1865
	1500	Gulpha Creek	Man Hole overflow
	1000	Hot Springs Creek	Manhole Overflow
	100	Ditch	Man Hole Overflow
	25000	Hot Springs Creek	Lift station overflow occurred on 2/4/2010 at 7:00 a.m. and ended at 8:15 p.m. on 2/6/2010.
	20000	Lake Catherine	Pump station overflowed on 2/4/2010 at 7:00 p.m. until 8:00 a.m. on 2/6/2010.
	20000	Lake Hamilton	Pump station overflow occurred on 2/4/2010 at 7:30 a.m. to 8:30 p.m. on 2/6/2010.
	30000	Gulpha Creek	Lift station overflow occurred on 2/4/2010 at 8:09 p.m. until 8:00 a.m.
	300	Contained at station	On 2/04/2010 at 3:00 - 3:15 p.m.
	250	ditch	MH overflow occurred on 1/9/2010 from 2:30 - 3:00 p.m.
	5000	None	Overflow began on 01/11/2010 at 2:30 p.m. to 12:20 p.m. 01/12/2010.
	5000	Storm Drain	MH overflow.
			MH overflow/Lift station overflow - complaint about small amount of debris flowing in front of complainant's house.
	6000	Storm Drain	Manhole Overflow
	2000	Ground	Lift Station Overflow
	10000	Lake Hamilton	Lift Station Overflow
	5000	Lake Hamilton	Lift Station overflow
	150000	Stokes Creek	Manholes 991, 993, and 998

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	40000	Hot Springs Creek	Manhole Overflow
	80000	Hot Springs Creek	Lift Station Overflow. Hot Springs Creek on Fontana Rd
	6000	Storm Drain	manhole overflow
	50000	Gulpha Creek	manhole Overflow
	70000	Hot Springs Creek	Manhole Overflows
	80000	Lake Catherine	Lift Station overflow
	1500	Hot Springs Creek	Manhole Overflow
	10000	Lake Hamilton	Lift Station overflow
	2000	Ground	Lift Station Overflow
	100	Ground	Lift Station Overflow
	2000	Ground	Tanglewood Pump station overflowed. SCADA system shorted and blew control fuse. Blown 2 amp fuse
	23850000		EQ basin filled-by-pass of primary treatment
	10000	Lake Catherine	Lift Station Overflow. Gulpha Creek Pump Station on Catherine Heights Overflowed.
	40000	Lake Catherine	Lift Station Overflow
	20000	Burton Branch	Lift Station Overflow
	15000	Hot Springs Creek	Manhole Overflow
	15000	Stokes Creek	Manhole Overflow
	20000	Burton Ditch	Lift Station Overflow
	8000	Hot Springs Creek	Manhole Overflow

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	10000	Lake Hamilton	Manhole Overflow
	4000	Gulpha Creek	Manhole Overflow
	4000	Lake Hamilton	Lift station Overflow
			bypass of secondary treatment--so will be no aeration, secondary clarification, or filtration
	10000	Stokes Creek	Manhole Overflow
	60000	Lake Hamilton	Lift Station Overflow
			Manhole Overflow
	60000	Lake Catherine	Lift Station Overflow
	60000	Hot Springs Creek	Lift Station Overflow
	60000	Hot Springs Creek	Lift Station
	40000	Burton Branch	Lift Station Overflow
	4000	Lake Hamilton	Lift Station Overflow
	80000	Hot Springs Creek	Lift Station Overflow
	80000	Lake Hamilton	Lift Station Overflow
	8000	Ground	Lift Station Overflow
	15000	Stokes Creek	Manhole Overflow
	3000	Hot Springs Creek	Manhole Overflow
	2500	Gulpha Creek	Manhole Overflow
			Manhole Overflow
	1500	Hot Springs Creek	Manhole Overflow
	3000	Storm Drain	Manhole Overflow
	2500	Storm Drain	Manhole Overflow
	500	Hot Springs Creek	Manhile Overflow
	1500	Hot Springs Creek	Manhole Overflow
	1500	Hot Springs Creek	Manhole Overflow

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	5000	Gulpha Creek	Manhole Overflow
	3500	Storm Drain	Manhole Overflow
	2500	Storm Drain	Manhole Overflow
	1500	Storm Drain	Manhole Overflow
	1500		Manhole Overflow
	1000	Lake Hamilton	Lift Station Overflow
	10000	burton branch	lakeside pump station at Carpenter Dam and Grand Point
	80000		Hot springs creek pump station on Fontana
	3000	Gulpha Creek	MH# 4118 overflowed on Spring Street
	1000	ground	HWY 290 pump station at 215 HWY 290
	15000	Stokes Creek	manholes (991, 993, and 3626) on McCleod
	60000	Lake Catherine	gulpha creek pump station on Catherine Heights
	1500	Lake Hamilton	
	20000	Lake Hamilton	Fairwood pump station overflowed
	1000	Ground	Main Line Overflow
	400	Yard	
	80000	ground	15 inch force main broke
	5000	Burton Branch	Pump station overflowed.
	20000	Lake Hamilton	Pump station overflowed
	10000	Burton Branch	Lakeside pump station overflowed
	20000	Hot Springs Creek	Hot Springs Creek pump station overflowed
	10000	Burton Branch	Lakeside pump station overflowed
	20000	Lake Catherine	Gulpha Creek pump station overflowed
	20000	Lake Catherine	Pump station overflowed

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	20000	Lake Catherine	Pump station overflowed
	5000	Lake Hamilton	Hot Springs #1 overflowed
	20000	Lake Hamilton	Fairwood pump station overflowed
	20000	Lake Catherine	Pump station overflowed
	1500	Stokes Creek	MHs overflowed
	1500	Stokes Creek	MHs at above location
	80000	Lake Hamilton	Fairwood pump station
	80000	Lake Hamilton	Fairwood pump station overflowed
	10000	Lake Hamilton	Hot Springs #1
	40000	Lake Catherine	Gulpha Creek pump station overflowed
	750	Gulpha Creek	MH at above location
	1000	Gulpha Creek	MH at above location
	5000	Stokes Creek	Manholes at above location
	1500	GULPHA CREEK	MANHOLE
	10000	LAKE HAMILTON	MAZARN #3 ON MARION ANDERSON DR.
	1000		HWY 290 PUMP STATION AT 215 HWY 290
	40000	LAKE CATHERINE	GULPHA CREEK PUMP STATION ON CATHERINE HEIGHTS ROAD OVERFLOWED.
	20000	Burton Branch	Lakeside pump station at Carpenter Dam and Grand Point overflowed.
	60000		Hot Springs creek pump station on Fontana Drive overflowed
	1500	Gulpha Creek	MH at above location
	60000	Hot Springs Creek Pump Station - Fontana Drive	I & I
	750	Gulpha Creek	
	1000	Gulpha Creek	manhole on Gulpha Gorge Road at bridge on north side of campground
	5000	Stokes Creek	Manholes on McLeod St.
	20000	Burton Branch	Lakeside pump station overflowed
	1000	Ground	Hwy 290 pump station



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

	5000	LAKE HAMILTON	MAZARN #4 ON MARION ANDERSON DR.
	10000	LAKE HAMILTON	MAZARN #1 ON RIDGE POINT ROAD
	10000	Lake Hamilton	Hot Springs #1 on Amberina Road
	1000	Hot Springs Creek	MH at above address
	500	Hot Springs Creek	manhole on Shady Grove at Train Trussell
	500	Hot Springs Creek	MH at above address
	1000	Hot Springs Creek	manhole at 798 Adams St
	750		Pump Station Overflow
	750		290 Pump station overflowed
	500	Lake Hamilton	Fairwood pump station overflowed
	2500	Lake Hamilton	
	2500	Lake Hamilton	Pump station overflowed
	2500		
	500	Lake Hamilton	Fairwood Pump Station at Macon Terr. And Hwy 270
	1500	Ground	#2 Pump Station Overdflovedl
	20	ground	Brown Dr. Pump Station Overflowed
	1000	Lake Hamilton	
	2500	None	Wilson Mill Pumping Station Failure
	1000	Lake Hamilton	Pump Station Overlfow
	50000	Lake Hamilton	Force Main Overflow
	2500	Lake Hamilton	East Reed Pump Station Overflowed

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole still running over at this time.
Manhole is sill running over at this time.
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Manhole is still running at this time.
Manhole still running over at this time
Manhole is still running over at this time.
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Manhole is still running over at this time.
Manhole is still running over at this time

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole is currently still running over.
Manhole is currently still running over
Manhole is currently still running over.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Pump Stopped up with rags.

Entergy's transformer went bad and the station was not getting full power.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

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Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

Manhole is still running over at this time.

I filled out a form yesterday with the wrong facility I.D. So i completed another one with the right one. Sorry for the inconvenience.

Station is still overflowing at this time.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

Manhole is still overflowing at this time.

Station is still overflowing at this time.

Manhole is still overflowing at this time.

Manhole is still running over.

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]



Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

Sanitary Sewer Overflows that have occurred at the City of Hot Springs (AR0033880) from January 1, 2009 through June 30, 2012.

[illegible]

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[illegible]

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[illegible]

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY**

**IN THE MATTER OF:**

**CITY OF HOT SPRINGS  
GARLAND COUNTY**

**LIS. NO. 08- 099  
AFIN 26-00145**

**CONSENT ADMINISTRATIVE ORDER**

This Consent Administrative Order (hereinafter "Order") is issued pursuant to the authority of the Arkansas Water and Air Pollution Control Act (Act 472 of 1949, as amended; Ark. Code Ann. §8-4-101 et seq.) and the regulations issued thereunder (hereinafter collectively referred to as "the Act").

Pursuant to the authority of Ark. Code Ann. §8-4-207(1)(B), the Director for the Arkansas Department of Environmental Quality (hereinafter ADEQ) is authorized to set schedules of compliance for facilities permitted under the Act necessary to assure compliance with both applicable state and federal effluent limitations, including, but not limited to, those mandated by the National Pollutant Discharge Elimination System Program (hereinafter "NPDES") under section 402 of the Federal Water Pollution Control Act, 33 U.S.C. §1342 as well as under sections 301, 318, and 405 of the Federal Water Pollution Control Act, 33 U.S.C. §1311, 33 U.S.C. §1328 and 33 U.S.C. §1345; and Arkansas Pollution Control and Ecology Commission Regulations 2, 6, 7 & 8.

The issues herein having been settled by the agreement of the City of Hot Springs (hereinafter the "Permittee") and ADEQ, it is hereby agreed and stipulated that the following **FINDINGS OF FACT** and **ORDER AND AGREEMENT** be entered herein.

## **FINDINGS OF FACT**

1. The City of Hot Springs operates a municipal wastewater utility in Garland County, Arkansas.
2. The City of Hot Springs operates and maintains a sanitary sewer system that includes two wastewater treatment plants, a collection system, 4150 pump stations, and related appurtenances pursuant to Arkansas NPDES Permit Numbers AR0033880 and AR0050148, issued by ADEQ.
3. The City of Hot Springs has been actively improving its collection system management and operation and maintenance practices. The City of Hot Springs has constructed collection system rehabilitation projects totaling over \$13,442,587.
4. Despite these efforts, the City of Hot Springs continues to experience wet weather sanitary sewer overflows (SSOs) during heavy rains. There were 359 SSOs beginning in January 2004 through May 2008. The City of Hot Springs is in the initial phases of developing a Sewer Evaluation and Capacity Assurance Plan.
5. Violations of the effluent characteristic limits in Part I, Section A of permit AR0033880 for outfall number 001, as found in Discharge Monitoring Reports ("DMRs") submitted by the Permittee to ADEQ since January 2007, are as follows:

<b>Outfall</b>	<b>Date</b>	<b>Parameter</b>	<b>Reported</b>	<b>Permitted</b>
001	Jan 2007	TSS (Mo.Avg.)	2681 lbs/dy	1500 lbs/dy
001	Jan 2007	TSS (Mo.Avg.)	17.58 mg/l	15 mg/l
001	Jan 2007	TSS (7-Dy.Avg.)	31.20 mg/l	23 mg/l
001	May 2007	pH (Min.)	5.90 s.u.	6 s.u.
001	Feb 2008	DO (Mo.Avg.Min.)	Overdue	2.0 mg/l
001	Feb 2008	Phosphorus (Mo.Avg.)	Overdue	150.0 lbs/dy

Outfall	Date	Parameter	Reported	Permitted
001	Feb 2008	Phosphorus (Mo.Avg.)	Overdue	Report mg/l
001	Feb 2008	Phosphorus (Mo.Avg.)	Overdue	Report mg/l
001	Mar 2008	DO (Mo.Avg.Min.)	Overdue	2.0 mg/l
001	Mar 2008	Phosphorus (Mo.Avg.)	Overdue	150.0 lbs/dy
001	Mar 2008	Phosphorus (Mo.Avg.)	Overdue	Report mg/l
001	Mar 2008	Phosphorus (Mo.Avg.)	Overdue	Report mg/l
001	Apr 2008	TSS (Mo.Avg.)	2019 lbs/dy	1500.0 lbs/dy
001	Apr 2008	CBOD5 (Mo.Avg.)	1090 lbs/dy	1000.0 lbs/dy

### **ORDER AND AGREEMENT**

In order to further document the actions the City of Hot Springs is taking to comply with its NPDES Permits, and to ensure that the City of Hot Springs actions are fully consistent with the "proper operation and maintenance" clause of the NPDES permits, ADEQ and the City of Hot Springs agree to the following:

#### **I. General Requirements**

1. The City of Hot Springs shall develop a collection system management program capable of allowing the City of Hot Springs to comply with and maintain the following general standards:

- a. Properly manage, operate and maintain, at all times, all parts of the collection system that the City of Hot Springs owns or retains operational control of;
- b. Provide adequate capacity to convey base flows and peak flows in accordance with the System Evaluation and Capacity Assurance Plan

(SECAP), to be submitted and approved by the Department, for all parts of the collection system over which the City of Hot Springs retains operational control or owns, and take all feasible steps to stop and mitigate the impact of non-wet weather related sanitary sewer overflows in portions of the collection system over which the City of Hot Springs retains operational control or owns;

- c. Provide notification to parties with a reasonable potential for exposure to pollutants associated with an overflow event.

The overall goal of these requirements is the elimination of capacity and noncapacity related sanitary sewer overflows and to ensure the City of Hot Springs shall at all times properly operate and maintain all facilities and systems of treatment and control, which are installed or used by the City of Hot Springs to achieve compliance with Part II, Section B, Paragraph 1 of the NPDES Permit.

2. Develop and submit a written summary of the collection system management program in accordance with the Schedule of Compliance Activities (Attachment A). This summary will be made available to any member of the public upon request.

3. Within ninety (90) days of the date of a request by ADEQ, the City of Hot Springs shall provide documentation to ADEQ personnel confirming compliance with specific program requirements, and if not in compliance, a written explanation of why compliance cannot be achieved.

## II. Management/Administrative Requirements

1. Identify with specificity the major goals of the collection system management program, consistent with the general standards identified above.

2. Identify the management/administrative personnel responsible for implementing the collection system management program, including lines of authority by organizational chart or similar document.
3. Identify the chain of communication for reporting SSOs, beginning with receipt of a complaint or other information, and concluding with the person responsible for reporting to the NPDES authority.
4. Submit documentation identifying the City of Hot Springs authority to:
  - A. Control private inflow sources;
  - B. Require that sewers and connections be properly designed and constructed;
  - C. Ensure proper installation, testing, and inspection of new and rehabilitated sewers (such collector sewers and service laterals);
  - D. Address flows from satellite municipal collection systems; and
  - E. Implement the general and specific prohibitions of the national pretreatment program which the City of Hot Springs is subject to under 40 CFR § 403.5.

### III. Measures and Activities

In accordance with the Schedule of Compliance Activities (Attachment A):

The City of Hot Springs collection system management program shall provide ADEQ with a list which identifies the individuals, or positions within its organization, responsible for the elements listed below:

1. Lift station operation and maintenance;

2. Geographic Information System, a geo-based inventory of collection system assets and associated databases that supports system mapping and other utility operations;
3. Maintenance procedures that insure managers and supervisors are provided timely, relevant information from field personnel in order to establish and prioritize collections system activities (such as the immediate elimination of dry weather overflows or overflows into sensitive waters based upon consideration of factors, including: public drinking water supplies and their source waters, swimming beaches and waters where swimming occurs, shellfish beds, designated Outstanding National Resource Waters, National Marine Sanctuaries, waters within federal, state or local parks, and water containing threatened or endangered species or their habitat);
4. Computerized Maintenance Management System, an asset information and work management software used to schedule and track all work performed on collection system, lift station, and wastewater treatment plant (WWTP) assets.
5. Collection system preventive maintenance activities;
6. Assessment of the current capacity of the collection system and treatment facilities which the City of Hot Springs owns or has operational control of;
7. Identification and prioritization of structural deficiencies and the short-term rehabilitation actions to address each deficiency;
8. Collection system employee training;
9. Equipment and replacement parts inventories, including identification of critical replacements parts; and



10. Trap Control Program to abate impact of fats, oil, and grease (FOG) on collection system.

IV. Design and Performance Provisions

The City of Hot Springs shall establish requirements and standards for the installation of new sewers, pumps, and other appurtenances and rehabilitation and repair projects in accordance with the Schedule of Compliance Activities (Attachment A). The requirements must include the specifications and procedures for testing the installation of new sewers, pumps, other appurtenances, and for rehabilitation and repair projects.

V. Monitoring, Measurement, and Program Modifications

The City of Hot Springs shall:

1. Submit annual reports on the implementation and measurement of the effectiveness of each element of its collection system management program.
2. Update program elements based on monitoring or performance evaluations.
3. Modify the summary of its collection system management program, as appropriate, to keep it updated and accurate.

VI. Sanitary Sewer Overflow Response Plan

In accordance with the Schedule of Compliance Activities (Attachment A), the City of Hot Springs shall develop and implement a Sanitary Sewer Overflow Response Plan that identifies measures to protect public health and the environment by including, but not limited to, mechanisms to:

1. Ensure that overflows are appropriately responded to and are immediately dispatched to appropriate personnel for investigation and appropriate response;

2. Ensure appropriate reporting of overflows in accordance with its NPDES Permits requirements;
3. Ensure appropriate notification of overflows to the public, health agencies, and other impacted entities. The City of Hot Springs must identify the public health and other officials who will receive immediate notification of overflows;
4. Ensure that appropriate personnel are aware of, trained on, and follow the plan, including implementing the necessary operational changes to provide emergency operational capacity.

VII. System Evaluation and Capacity Assurance Plan

The City of Hot Springs shall prepare a SECAP in accordance with the Schedule of Compliance Activities (Attachment A), if peak flow conditions are contributing to SSO discharges caused by hydraulic deficiency. The SECAP shall provide:

1. Estimates of peak flows, including flows from SSOs that escape from the system associated with conditions similar to those causing overflow events;
2. Identify hydraulic deficiencies, including components of the system with limiting capacity;
3. Identify the major sources that contribute to the peak flows associated with overflow events;
4. Establish short and long term capacity enhancements to address each hydraulic deficiency including prioritization, alternative analysis, a schedule; and
5. Systematic updates to describe any significant change in proposed actions or the implementation schedule. The plan must also be updated to reflect available information

on the performance of measures that have been implemented. Plan updates should be submitted in accordance with the Schedule to Compliance Activities (Attachment A).

VIII. Construction Activities and Required Compliance Deadlines

1. In order to eliminate dry weather overflows and ensure proper operation and maintenance of all facilities and systems of treatment and control which are installed or used by the City of Hot Springs, efforts have been underway to increase collection system maintenance staff. It is the responsibility of the new staff members to investigate and take corrective action on surcharging collection systems prior to reaching overflow condition. By **January 1, 2011**, the City of Hot Springs shall achieve compliance with the proper operation and maintenance of the wastewater collection system as it applies to dry weather overflows.
2. To eliminate wet weather overflows as referred to in Section I. 1.b and to ensure proper operation and maintenance of all facilities and systems of treatment and control which are installed or used by the City of Hot Springs, the City shall accomplish tasks identified in the SECAP, subject to the plan update provisions of Section VII, item 4. The schedule of activities necessary to obtain compliance with the most recent SECAP updates are provided in the Schedule of SECAP Projects (Attachment B). Notwithstanding periodic updates to the SECAP, the City of Hot Springs shall achieve full compliance with the operation and maintenance of the wastewater collection system, as it applies to capacity related overflows, by **January 1, 2018**.

IX. Program Audits

On an annual basis, the City of Hot Springs shall conduct an audit, appropriate to the size of the system and the number of overflows, and submit a report of such audit in

accordance with the schedule contained in Attachment A of this CAO. The audit shall include, but not be limited to, an evaluation of the collection system management program and its effectiveness in preventing SSOs and achieving compliance with the "proper operation and maintenance" clause of the NPDES permits.

X. Communications

The City of Hot Springs shall communicate at least on an annual basis with ADEQ on the implementation and performance of its collection system management program. The communication system will allow interested parties to provide input to the City of Hot Springs as the collection system management program is developed and implemented.

XI. Administration and Penalties

1. All submittals required by this Order, including compliance schedules, are subject to approval by ADEQ. In the event of any deficiency, the City of Hot Springs shall, within thirty (30) days of notification by ADEQ, submit any additional information requested. Failure to adequately respond to the notice of deficiency within thirty (30) days constitutes a failure to meet a deadline and is subject to the civil penalties established in paragraph 2 below.

2. Failure to meet the requirements, deadlines, or the approved schedules of this Order or failure to meet the goals of the SECAP provided for herein constitutes a violation of said Order. If the City of Hot Springs should fail to meet any such requirement or deadline, the City of Hot Springs consents and agrees to pay to ADEQ civil penalties according to the following schedule:

- |    |   |                  |
|----|---|------------------|
| A. | First day through the tenth day:        | \$100.00 per day |
| B. | Eleventh day through the twentieth day: | \$200.00 per day |

- C. Twenty-first day through thirtieth day: \$300.00 per day
- D. Each day beyond the thirtieth day: \$500.00 per day

These stipulated penalties may be imposed for delay in performance and shall be in addition to any other remedies or sanctions which may be available to ADEQ by reason of the City of Hot Springs's failure to comply with the requirements of this CAO. ADEQ reserves the right to collect other penalties and fines pursuant to its enforcement authority in lieu of the stipulated penalties set forth above.

3. If any event occurs which causes or may cause delay in the achievement of compliance by the City of Hot Springs with the requirements or deadlines of this Order, the City of Hot Springs shall so notify ADEQ in writing, as soon as reasonably possible after it is apparent that delay will result, but in no case after the due dates specified in the schedules above. The notification shall describe in detail the anticipated length of the delay, the precise cause of the delay, the measures being taken and to be taken to minimize the delay, and the timetable by which those measures will be implemented.

4. ADEQ may grant an extension of any provision of this Order, provided that the City of Hot Springs requests such an extension in writing and provided that the delay is caused by circumstances beyond the control of the City of Hot Springs, or otherwise reasonably justified. The time for performance may be extended for a reasonable period but in no event longer than the period of delay resulting from such circumstances. The burden of proving that the delay is caused by circumstances beyond the control of the City of Hot Springs and the length of the delay attributable to such circumstances shall rest with the

City of Hot Springs. Failure to notify ADEQ promptly, as provided in paragraph 3, shall be grounds for denial of an extension.

5. This CAO is subject to public review and comment in accordance with A.C.A. 8-4-103(d), however this CAO is effective immediately upon signature of the Director. ADEQ retains the right and discretion to rescind this CAO based upon comments received during the thirty (30) day comment period.

6. As provided by Arkansas Pollution Control and Ecology Commission Regulation 8, this matter is subject to being reopened upon Commission initiative or in the event a petition to set aside this Order is granted by the Commission.

7. Nothing contained herein shall relieve the City of Hot Springs of any obligation imposed by any other applicable local, state, or federal laws, nor, except as specifically provided herein, shall this CAO be deemed in anyway to relieve the City of Hot Springs of responsibilities contained in its permit.

8. Nothing in the CAO shall be construed as a waiver by ADEQ of its enforcement authority over alleged violations not specifically addressed herein. Also this CAO does not exonerate the City of Hot Springs from any past, present, or future conduct which is not expressly addressed herein, nor does it relieve the City of Hot Springs of the responsibilities for obtaining any necessary permits.

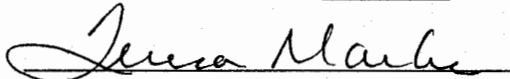
9. Mailing Guidelines: Documentation and reports required to be submitted by this CAO shall be sent by certified mail, to the following addressee:

Arkansas Department of Environmental Quality  
Water Division  
5301 Northshore Drive  
North Little Rock, AR 72118

The City of Hot Springs  
Attn: Steve Mallett, Jr., P.E., Public Works Director  
P.O. Box 700  
Hot Springs National Park, AR 71902

10. Termination: At such time as the City of Hot Springs believes that it has complied with all terms and conditions of this CAO, it may request that ADEQ concur whether the requirements of this CAO have been satisfied. Such request shall be in writing and shall provide the necessary documentation to establish whether there has been full compliance with the terms and conditions of this CAO. ADEQ will respond to said request in writing within 90 days of receipt of the request. This CAO shall terminate when all actions required to be taken by this CAO have been completed, and the City of Hot Springs has been notified by ADEQ in writing that this CAO has been satisfied and terminated.

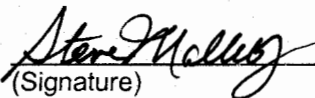
SO ORDERED THE 15<sup>th</sup> DAY OF August, 2008



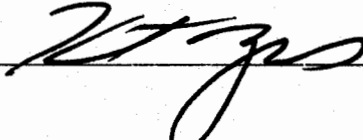
Teresa Marks, Director

APPROVED AS TO FORM AND CONTENT:

BY:

  
(Signature)

STEPHEN MALLET, JR.  
(Typed or printed name)



KENT MYERS

TITLE: PUBLIC WORKS DIRECTOR  
(Typed or printed title)

CITY MANAGER

DATE: 8/7/08

## **Attachment A: Schedule of Compliance Activities**

All submittals required by this attachment to the Order are subject to review and approval as provided for in Part XI, paragraph 1 of this Order. Within 90 days of the execution of the CAO by the Directors of ADEQ, the City of Hot Springs shall:

- I. 1. Develop and submit a collection system management program as provided under item 2 in the *General Requirements*.
2. Submit Major Goals of the collection system management program as required under Item 1 of the *Management/Administrative Requirements*. The Major Goals shall include a schedule for the implementation and achievement of the goals.
3. Submit organization chart listing management personnel responsible for various elements of the collection system program and lines of authority.
4. Submit copies of documents that provide the City of Hot Springs the legal authority to comply with Item 4 of the *Management/Administrative Requirements*.
5. Provide more detailed description of each element of the Collection System Management Program listed under *Measures and Activities*, and a list of specific individuals or positions responsible for each element.
6. Develop and submit standard specifications for the installation and testing of new sewers, pumps, and other appurtenances.
7. Develop and submit standard specifications outlining requirements for the rehabilitation and repair projects.
8. Develop and submit a Sanitary Sewer Overflow Response Plan.



9. Develop and submit a System Evaluation and Capacity Assurance Plan (SECAP). Any construction projects or improvements required by the SECAP shall include a schedule for construction and implementation of the improvements.

**On or before February 28<sup>th</sup> every calendar year the City of Hot Springs shall:**

II. 1. Submit to ADEQ an annual report on the implementation and effectiveness of each element of its collection system management program as required by Item 1 of Monitoring, Measurement, and Program Modifications:

2. Submit to ADEQ the most recent update of the City of Hot Spring's SECAP, a status report on specific improvements identified in the plan, and a summary of any proposed changes to the content of the SECAP; and

3. Submit an audit report to ADEQ evaluating the effectiveness of the City of Hot Springs collection system management program in achieving compliance and preventing SSOs.

**Attachment B: Schedule of SECAP Projects**

The dates contained in this schedule are subject to SECAP updates, and generally represent initiation of engineering planning and design work through construction completion.

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY**

**IN THE MATTER OF:**

**CITY OF HOT SPRINGS  
GARLAND COUNTY**

**LIS. NO. 08-099-001  
AFIN 26-00145**

**AMENDMENT TO CONSENT ADMINISTRATIVE ORDER LIS 08-099**

This Amendment to Consent Administrative Order LIS 08-099 (hereinafter "the Order") is issued pursuant to Ark. Code Ann. § 8-1-202(b)(2)(B), which authorizes the Director of the Arkansas Department of Environmental Quality (hereinafter "ADEQ") to initiate and settle administrative enforcement actions to compel compliance with laws, orders, and regulations charged to the responsibility of the ADEQ including, but not limited to, the federal Water Pollution Control Act, 33 U.S.C. § 1311 *et seq.*, and the Arkansas Water and Air Pollution Control Act, Ark. Code Ann. § 8-4-101 *et seq.*, and all regulations issued thereunder.

By mutual agreement of the ADEQ and the City of Hot Springs the Order is amended to include the following changes:

1. In compromise and full settlement of civil penalties for the violations in Paragraph 4 of the Findings of Fact of the Order, the Permittee agrees to pay to ADEQ the total sum of One Hundred Five Thousand Dollars (\$105,000) as a voluntary civil penalty. Payment of the penalty shall be made within thirty (30) days of the effective date of this Amendment and made payable to:

Arkansas Department of Environmental Quality  
Fiscal Division  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

2. All other terms and conditions of the Order not specifically addressed herein shall remain in effect and are not changed or modified in any way by this Amendment to the Order.

3. This Amendment to the Order is subject to public review and comment in accordance with Ark. Code Ann. § 8-4-103(d). ADEQ retains the right and discretion to rescind this Amendment to the Order based upon comments received during the thirty (30) day comment period. This Amendment to the Order shall not become effective until thirty (30) days after public notice is given.

4. As provided by Arkansas Pollution Control and Ecology Commission Regulation 8, this matter is subject to being reopened upon Commission initiative or in the event a petition to set aside this Amendment to the Order is granted by the Commission.

5. Nothing in this Amendment to the Order shall be construed as a waiver by ADEQ of its enforcement authority over alleged violations not specifically addressed. Also this Amendment to the Order does not exonerate the City of Hot Springs from any past, present, or future conduct which is not expressly addressed, nor does it relieve the City of Hot Springs of the responsibilities for obtaining any necessary permits.

6. This Amendment to the Order has been reviewed and approved by the Board of Directors of the City of Hot Springs in a duly convened meeting with a quorum present. It is the intention of the Board of Directors to be bound by the terms appearing in the CAO LIS 08-099 and as amended by the CAO LIS 08-099-001.

7. The Board of Directors of the City of Hot Springs has authorized the City Manager and Public Works Director to sign this Amendment to the Order on the behalf of the City.

8. The Board of Directors of the City of Hot Springs has authorized the City Manager and Public Works Director to expend funds for compliance activities required by the CAO LIS 08-099 and as amended by the CAO LIS 08-099-001 including, but not limited to, the payment of a civil penalty in the amount of One Hundred Five Thousand Dollars (\$105,000).

SO ORDERED THE 28 DAY OF June, 2011  
Teresa Marks  
Teresa Marks, Director

APPROVED AS TO FORM AND CONTENT:

BY: Ruth Carney  
(Signature)

MAYOR RUTH CARNEY  
(Typed or printed name)

TITLE: MAYOR OF HOT SPRINGS  
(Typed or printed title)

DATE: JUNE 21, 2011