

Appendix F  
Sanitary Sewer Overflow (SSOs)  
Bypass Events

Draft

Lake Fort Gibson TMDL Report

Prepared for  
Oklahoma Department of Environmental Quality  
Water Quality Division

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By  
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## Appendix F - Sanitary Sewer Overflows Bypass Events

**Table F-1 Pryor Creek**

Pryor Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
10/3/1990	S21623	900	RAIN			
2/24/1992	S21623	15000	LINE BLOCKAGE		CLEARED LINE AND REPAIRED	
3/5/1992	S21623	200	air relief valve stuck with plastic	none-light rain		
3/5/1992	S21623	200	CHECK VALVE FAILURE AT PUMP STATION		REPAIRED CHECK VALVE	
12/14/1992	S21623		HEAVY RAINFALL I/I	CLEANED UP AREA		
12/14/1992	S21623		HEAVY RAINFALL I/I	CLEANED UP AREA		
9/5/1994	S21623					
5/26/1996	S21623		LINE STOPPAGE & CLEAN OUT IN BACK YARD			
9/25/1996	S21623	0	RAIN & I&I	CLN & SAN	REHAB	
11/13/1996	S21623	500	BAD SEAM IN MH	C & S	REPAIRED	
2/9/1997	S21623		COMPUTER FAILURE			
2/11/1997	S21623	40	PUMP MALFUNCTION		PUMPS CONTROLLED AUTOMATICALLY UNTIL REPAIRED.	
7/24/1997	S21623					
8/19/1997	S21623		MALFUNCTION			
12/12/1997	S21623	25	BLOCKAGE	C & S	REPLACE LINE IN FUTURE	
3/23/1998	S21623	4000	LINE BUSTED	CLEANED AREA	FIXED LINE	
3/23/1998	S21623	4,000				
4/11/1998	S21623			FLUSHED & CHLORINATED		
4/11/1998	S21623		BROKEN LINE			

Pryor Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
3/23/1999	S21623					
4/6/1999	S21623	600	VALVE MALFUNCTION			
11/19/1999	S21623	200	DRAINAGE LEAK	CHLORINE	FLUSHED	
10/16/2000	S21623		STOPPAGE	C & S	RODDED	
8/26/2002	S21623	1,000	CORROSION IN AIR VALVE		REPAIR	PIPE
1/25/2003	S21623	1,000	LINE BROKEN		REPAIRED	PIPE
3/19/2003	S21623	200	STOPPED MAIN	CLEANED	RODDED	PIPE
9/25/2003	S21623					
10/14/2004	S21623		MAIN BREAK			
12/18/2005	S21623					
4/26/2006	S21623	4,500	HOLE IN FORCE MAIN		NEW PIPE INSTALLED	PIPE
4/30/2006	S21623	30	BLOCKAGE	RAINING THAT DAY	RODDED	MANHOLE
7/12/2006	S21623		STOPPED MAIN			
1/2/2007	S21623					
2/7/2007	S21623	300	PIPE DAMAGE		SHUT DOWN PUMP	
6/1/2007	S21623		BLOCKAGE		RODDED	MANHOLE
6/11/2007	S21623		RAIN			MANHOLE
6/14/2007	S21623		RAIN			
6/14/2007	S21623		RAIN			
3/18/2008	S21623		RAIN	NONE	RODDED	MANHOLE
4/10/2008	S21623		RAIN			MANHOLE
9/14/2008	S21623		RAIN	NONE	LOCKING MH	MANHOLE
3/7/2009	S21623		BROKEN LINE	CLEAN	INSTALL NEW SECTION OF PIPE	PIPE
5/1/2009	S21623		RAIN			
9/19/2009	S21623		LEAKING MAIN			
4/25/2011	S21623		RAIN			MANHOLE
4/26/2011	S21623		STOPPAGE			
5/20/2011	S21623		BLOCKAGE			MANHOLE

Pryor Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
9/19/2011	S21623		BLOWN FORCE MAIN			
1/19/2012	S21623	40,000	DEBRIS	CLEANED	CLEANED	LAGOON/BASIN
3/20/2012	S21623		RAIN			MANHOLE
3/20/2012	S21623		RAIN			MANHOLE
11/1/2012	S21623		BROKEN PIPE			PIPE
1/30/2013	S21623		LOST OF POWER/WINDS			LIFT STATION
2/28/2013	S21623					
6/10/2013	S21623	400	HOLE IN PIPE	CLEANED	REPAIR	PIPE
12/11/2013	S21623	<500	LEAK			PIPE
12/16/2013	S21623		STOPPED MAIN			MANHOLE
3/25/2014	S21623					MANHOLE
4/24/2014	S21623		LEAK			
7/16/2014	S21623					
2/2/2015	S21623					
2/13/2015	S21623		LINE PLUGGED			

Table F-2 Choteau Creek

Choteau Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
1/5/2000	S21624	2,000	RAINFALL	C & D		
2/2/2000	S21624	2,000	ELECTRICAL FAILURE	C & D	REPAIR	
3/3/2000	S21624		PUMP FAILURE			
5/9/2000	S21624	5,000	BLOCKAGE		CLEARED	
5/9/2000	S21624		RAIN			
6/2/2000	S21624	5,000	RAIN			
6/18/2000	S21624	5,000			REPAIR	
6/19/2000	S21624	5,000	BLEED VALVE ON AIR SYSTEM		REPAIR VALVE	

Choteau Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
			WAS HUNG OPEN			
6/21/2000	S21624		RAIN			
6/21/2000	S21624	>3 MILLN	RAIN			
7/21/2000	S21624	5,000	RAIN			
2/23/2001	S21624	1.1 MG	I & I	NONE	PLANNING TO BUILD BIGGER SEWER PLANT	
2/23/2001	S21624	5,000	LINE BREAK		REPAIR	
4/16/2001	S21624	3,000	HOLE IN LINE	BLEACH	REPAIR	
10/8/2001	S21624	1,000	BLOCKAGE	BLEACHED	RODDED	
3/6/2002	S21624		MELTING SNOW		REPLACING	
3/19/2002	S21624		RAIN			
4/8/2002	S21624		RAIN			
5/13/2002	S21624					
6/13/2002	S21624					
2/24/2003	S21624	619,060	FULL FROM RAIN & SNOW		ENLARGING	
3/6/2003	S21624	3,000	BLOCKAGE	BLEACHED	TREAT	MANHOLE
3/20/2003	S21624	786,145	RAIN	NONE		
6/22/2003	S21624	2,000	MALFUNCTION	BLEACHED	REPAIR	LIFT STATION
3/5/2004	S21624	10,000	POWER FAILURE	BLEACH	RESTORE	MANHOLE
3/28/2004	S21624	5,000	POWER OUTAGE	C & D		MANHOLE
4/22/2004	S21624	>1 MILLN	RAIN			
5/1/2004	S21624	358,036	RAIN	NONE		
7/11/2004	S21624	3,000	POWER OUTAGE	BLEACH	CHECKED L.S.	LIFT STATION
12/8/2004	S21624	1,000	BLOCKAGE	C & S	RODDED	
1/4/2005	S21624	10,000	RAIN	C & S	REPAIR	LIFT STATION
1/4/2005	S21624	>3 MILN	RAIN			
2/7/2005	S21624	770,914	RAIN			
4/6/2005	S21624	>1 MILL	RAIN			
12/30/2006	S21624	658,517	RAIN	NONE	NONE	

Choteau Creek						
BPDATE	FACID	AMT_GAL	CAUSE	CLEANUP	PREVENTIVE	TYPE_OF_SOURCE
6/23/2007	S21624		RAIN			
12/16/2007	S21624		RAIN			
7/7/2008	S21624	100	POWER FAILURE	BLEACHED	REPAIR	LIFT STATION
7/9/2008	S21624	1,000	RAIN	C & S	NONE	MANHOLE
7/9/2008	S21624	1,000	RAIN	C & S		LIFT STATION
7/12/2008	S21624	2,000	RAIN	C & S		LIFT STATION
7/12/2008	S21624	1,000	RAIN	BLEACH		MANHOLE
8/23/2008	S21624	4,000	POWER OUTAGE	BLEACHED	RESTORE	LIFT STATION
8/31/2008	S21624	2,000	LIGHTNING STORM	C & D		LIFT STATION
11/25/2008	S21624	1,000	BLOCKAGE	NONE		MANHOLE
6/18/2009	S21624	2,500	PUMP FAILURE	C & S		LIFT STATION
9/9/2009	S21624	2,000	RAIN	BLEACHED	REPLACING PIPE	MANHOLE
1/5/2010	S21624	3,000	CONSTRUCTION	C & S	REPLACING LINE	LIFT STATION
1/6/2010	S21624	1,500	CONSTRUCTION	C & S	REPLACING LINE	LIFT STATION
2/10/2010	S21624		WEATHER - PUMP FAILURE			LAGOON/BASIN
2/17/2010	S21624	2,000	MALFUNCTION	BLEACH	MORE ATTENTION	LIFT STATION
7/23/2010	S21624	1,000	PUMP NOT TURNED BACK ON AFTER MAINTENANCE	C & S	REMEMBER	MANHOLE
12/21/2010	S21624	25,000	BASIN OVERFLOWED FROM VALVE FAILURE	NONE	REPLACE VALVE	LAGOON/BASIN
4/25/2011	S21624	4,000	RAIN	BLEACH		MANHOLE
4/25/2011	S21624	2,000	RAIN	BLEACH	NONE	LIFT STATION