

Sanitary Sewer Overflow Evaluation Report from 1/1/2016 to 12/31/2016

Monday, March 27, 2017

11:14:04 AM

Overflow Type and Location	GIS ID	Start Date and Start Time	End Date and End Time	Cause	Comments	Duration (Hr:Min)	Volume (Gallons)	Wet Weather Related?	Short-Term Control	Long-Term Planning and Remediation
Lift Station										
Applegrove #1 LS	87	7/7/2016 7:30 am	7/7/2016 7:45 pm	Capacity	rain	12:15	3,375	Yes		
Bellamy Lane LS	109	7/28/2016 5:30 am	7/28/2016 5:55 am	Capacity	rain	:25	37,000	Yes		
Boyer Farms	241	12/5/2016 10:20 am	12/5/2016 11:35 am	Electrical (Station)	tripped breaker	1:15	1,500	No	X	
Brownsville LS	79	6/24/2016 2:30 am	6/25/2016 10:00 am	Power Outage (Utility)	ac power fail	31:30	22,500	No	X	
Cardinal Acres LS	44	7/7/2016 2:20 am	7/7/2016 8:20 am	Capacity	rain	6:00	36,000	Yes		
Cardinal Acres LS	44	7/28/2016 4:51 am	7/28/2016 5:40 am	Capacity	rain	:49	7,650	Yes		
Cloud Dr LS	14	6/22/2016 7:30 am	6/22/2016 8:45 am	Electrical (Station)	bad cut off float	1:15	3,750	No	X	
Cornwall LS	176	7/7/2016 7:00 am	7/9/2016 6:30 am	Capacity	rain area flooded	47:30	Unknown	Yes		
Dunbar Cave Rd LS	177	1/21/2016 10:50 am	1/21/2016 11:20 am	Mechanical (Station)	90 degree bend split.	:30	3,000	No	X	
Embassy House LS	147	7/7/2016 2:00 am	7/7/2016 10:00 am	Capacity	rain	8:00	Unknown	Yes		
Embassy House LS	147	7/28/2016 4:26 am	7/28/2016 4:44 am	Capacity	rain	:18	2,700	Yes		

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Fairway Drive #1 LS	69	9/20/2016 11:30 pm	9/21/2016 12:00 am	Power Outage (Utility)	ac power fail	:30	2,400	No	X	
Hayes St LS	181	7/7/2016 2:50 am	7/7/2016 8:00 am	Capacity	rain	5:10	Unknown	Yes		
Heritage Estates LS	173	7/7/2016 2:00 am	7/7/2016 12:00 pm	Capacity	rain	10:00	Unknown	Yes		
Hospital LS	229	7/7/2016 3:00 am	7/7/2016 6:00 am	Capacity	rain	3:00	Unknown	Yes		
Hospital LS	229	7/28/2016 4:00 am	7/28/2016 7:00 am	Capacity	rain	3:00	27,000	Yes		
Keystone Dr LS	152	7/7/2016 7:00 am	7/7/2016 7:30 pm	Capacity	rain	12:30	2,250	Yes		
Knob Court LS	89	7/7/2016 3:00 am	7/7/2016 5:00 am	Capacity	rain	2:00	Unknown	Yes		
Lintwood LS	104	7/7/2016 2:30 am	7/7/2016 1:00 pm	Capacity	rain	10:30	Unknown	Yes		
Marymont LS	159	7/7/2016 5:30 pm	7/7/2016 11:20 pm	Capacity	rain	5:50	Unknown	Yes		
Michael Dr LS	132	2/24/2016 3:10 am	2/24/2016 4:20 am	Capacity	Lack of wet weather capacity	1:10	8,400	Yes		
Michael Dr LS	132	7/7/2016 4:00 am	7/7/2016 1:00 pm	Capacity	rain	9:00	Unknown	Yes		
Middleton Place LS	179	7/7/2016 2:20 am	7/7/2016 9:00 am	Capacity	rain	6:40	Unknown	No		

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Monterey Place LS	64	6/24/2016 1:50 am	6/24/2016 2:20 am	Power Outage (Utility)	ac power fail	:30	3,000	No	X	
New Meadowbrook LS	137	3/10/2016 12:00 pm	3/10/2016 8:30 pm	Capacity	rain	8:30	129,126	Yes		X
New Meadowbrook LS	137	3/12/2016 11:30 pm	3/13/2016 3:00 am	Capacity	rain	3:30	53,503	Yes		X
New Meadowbrook LS	137	3/13/2016 11:30 am	3/13/2016 12:00 pm	Capacity		:30	1,064	Yes		X
New Meadowbrook LS	137	7/3/2016 2:00 am	7/3/2016 4:00 am	Capacity	rain	2:00	37,312	Yes		X
New Meadowbrook LS	137	7/8/2016 12:00 am	7/8/2016 2:00 pm	Capacity	rain	14:00	258,765	Yes		X
New Meadowbrook LS	137	7/28/2016 12:00 am	7/29/2016 9:00 am	Capacity	rain	33:00	539,888	Yes		X
New Meadowbrook LS	137	12/27/2016 12:00 am	12/27/2016 5:15 pm	Capacity		17:15	38,000	Yes		X
Nolen Road LS	172	7/7/2016 4:00 am	7/7/2016 8:30 am	Capacity	rain	4:30	Unknown	Yes		
Oak St LS	141	7/7/2016 2:30 am	7/7/2016 4:30 am	Capacity	rain	2:00	Unknown	Yes		
Oak St LS	141	7/28/2016 4:00 am	7/28/2016 4:45 am	Capacity	rain	:45	6,750	Yes		
Old Russelville Pike LS	174	1/9/2016 1:00 pm	1/9/2016 4:30 pm	Mechanical (Station)	pump failure	3:30	130,479	No	X	

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Old Russelville Pike LS	174	1/23/2016 7:00 pm	1/23/2016 9:00 pm	Mechanical (Station)	pump failure	2:00	326,029	No	X	
Red River LS	23	7/7/2016 2:30 am	7/7/2016 5:30 am	Capacity	rain	3:00	Unknown	Yes		
Ringgold Creek LS	108	3/10/2016 4:30 pm	3/10/2016 7:30 pm	Capacity	rain	3:00	36,000	Yes		X
Ringgold Creek LS	108	7/7/2016 11:30 am	7/8/2016 1:00 am	Capacity	rain	13:30	Unknown	Yes		X
Ringgold Rd LS	129	2/3/2016 10:00 pm	2/3/2016 10:30 pm	Capacity	lack of wet weather capacity	:30	13,888	Yes		X
Ringgold Rd LS	129	3/10/2016 12:00 pm	3/10/2016 7:30 pm	Capacity	rain	7:30	86,101	Yes		X
Ringgold Rd LS	129	7/7/2016 2:00 am	7/7/2016 4:00 am	Capacity	rain	2:00	3,170,490	Yes		X
Ringgold Rd LS	129	12/27/2016 12:00 am	12/27/2016 1:30 am	Capacity	rain	1:30	15,000	Yes		X
Saratoga LS	136	7/7/2016 3:50 am	7/7/2016 3:00 pm	Capacity	rain	11:10	Unknown	Yes		
Saratoga LS	136	7/28/2016 5:36 am	7/28/2016 7:40 am	Capacity	rain	2:04	132,400	Yes		
Savannah LS	97	8/5/2016 6:15 pm	8/5/2016 7:00 pm	Capacity	rain	:45	4,500	Yes		
Sherwood Forest LS	85	2/24/2016 3:25 am	2/24/2016 3:35 am	Capacity	lack of wet weather capacity	:10	1,500	Yes		X
Sherwood Forest LS	85	3/10/2016 4:00 pm	3/10/2016 5:30 pm	Capacity	rain	1:30	13,500	Yes		X

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Sherwood Forest LS	85	7/7/2016 2:00 am	7/7/2016 8:30 am	Capacity	rain	6:30	Unknown	Yes		X
Trice's Landing LS	145	2/24/2016 12:40 am	2/24/2016 12:52 am	Capacity	Lack of wet weather capacity	:12	2,400	Yes		X
Trice's Landing LS	145	7/7/2016 2:00 am	7/7/2016 9:00 am	Capacity	rain	7:00	Unknown	Yes		
Trice's Landing LS	145	7/28/2016 4:24 am	7/28/2016 5:02 am	Capacity	rain	:38	7,600	Yes		
Trice's Landing LS	145	9/21/2016 3:30 pm	9/21/2016 6:30 pm	Mechanical (Station)	pipe failure inside station	3:00	18,000	No	X	
Turner Lane LS	168	7/7/2016 2:30 am	7/7/2016 8:30 am	Capacity	rain	6:00	Unknown	Yes		
Westchase Estates LS	74	1/11/2016 10:30 am	1/11/2016 12:30 pm	Mechanical (Station)	Connection from forcemain to liftstation broken	2:00	120	No	X	

Summary of Lift Station Overflows

Total Overflow Occurrences for this Period = 55

Total Overflow Duration for this Period (Excluding Unknown) = 343:06

Total Overflow Volume for this Period (Excluding Unknown)= 5,182,940 Gallons

Manhole

Binks dr and downer dr	3997	12/21/2016 5:00 pm	12/21/2016 7:00 pm	Line Blockage	cleared blockage	2:00	120	No	X	
Boscobell dr #404	7225	12/22/2016 5:00 pm	12/22/2016 11:59 pm	Other	8" gravity line pulled oyt of mh 7225	6:59	420	No	X	

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Canterbury Rd#12	1702	9/13/2016 1:00 pm	9/13/2016 3:00 pm	Line Blockage	cleared blockage	2:00	2,400	No		X
Clearview Dr #329 MH3226	3226	12/31/2016 4:25 pm	12/31/2016 5:25 pm	Line Blockage		1:00	120	No	X	
Madison Street #1971	4194	10/21/2016 8:20 pm	10/21/2016 9:20 pm	Line Blockage	clear blockage	1:00	300	No	X	
Oak Lane #932	7876	5/11/2016 2:30 pm	5/11/2016 4:30 pm	Line Blockage	cleared blockage	2:00	360	No	X	
Savannah Terrace #420	10660	12/9/2016 10:00 am	12/9/2016 1:50 pm	Line Blockage	mh 10660	3:50	13,800	No	X	
Shellie Dr #922	542	11/14/2016 5:00 pm	11/14/2016 10:00 pm	Mechanical (Station)	pump failure	5:00	600	No	X	
Unioi Hall RD # 2655	4954	12/27/2016 3:30 pm	12/27/2016 7:00 pm	Line Blockage	mh 4954	3:30	50	No	X	

Summary of Manhole Overflows

Total Overflow Occurrences for this Period = 9

Total Overflow Duration for this Period (Excluding Unknown) = 27:19

Total Overflow Volume for this Period (Excluding Unknown)= 18,170 Gallons

Gravity Main

Old Mill RD #160	174	12/21/2016 10:00 am	12/21/2016 1:00 pm	Other	broken FM #174	3:00	27,000	No	X	
tyler town rd #1562		11/1/2016 2:00 pm	11/1/2016 5:00 pm	Other	leaking blow off valve on fm	3:00	120	No	X	

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Summary of Gravity Main Overflows

Total Overflow Occurrences for this Period = 2

Total Overflow Duration for this Period (Excluding Unknown) = 6:00

Total Overflow Volume for this Period (Excluding Unknown)= 27,120 Gallons

Other

Hwy 76 across from red coat run FM	510	8/17/2016 4:30 pm	8/17/2016 6:30 pm	Other	Broken ARV	2:00	300	No	X	
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Summary of Other Overflows

Total Overflow Occurrences for this Period = 1

Total Overflow Duration for this Period (Excluding Unknown) = 2:00

Total Overflow Volume for this Period (Excluding Unknown)= 300 Gallons

Force Main

FM Ft campbell blvd under ringgold creek bridge	174	5/11/2016 2:00 pm	5/12/2016 4:00 am	Other	broken forcemain	14:00	108,000	No	X	
ft campbell blvd #1015		12/31/2016 2:00 pm	12/31/2016 4:30 pm	Other	hole in 2" copper leading to arv on fm1984	2:30	3,000	No	X	
old excell Rd/ FM	3124	3/1/2016 10:30 am	3/1/2016 1:00 pm	Other	Broken valve on main	2:30	4,500	No	X	

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old excell Rd/ FM	3124	9/27/2016 2:00 pm	9/27/2016 4:00 pm	Other	pipe failure	2:00	1,800	Yes	X	
Wilma Rudolph Blvd #2811		5/16/2016 1:00 pm	5/16/2016 1:45 pm	Other	broken FM gis 209	:45	90	No	X	
wilson rd behind 2535 madison st	3140	3/23/2016 2:00 pm	3/23/2016 4:00 pm	Other	pipe failure	2:00	25,320	No	X	

Summary of Force Main Overflows

Total Overflow Occurrences for this Period = 6

Total Overflow Duration for this Period (Excluding Unknown) = 23:45

Total Overflow Volume for this Period (Excluding Unknown)= 142,710 Gallons

Summary of All Overflows for this Report

Total Overflow Occurrences for this Period = 73

Total Overflow Duration for this Period (Excluding Unknown) = 402:10

Total Overflow Volume for this Period (Excluding Unknown)= 5,371,240 Gallons