

Sanitary Sewer Overflow Evaluation Report from 1/1/2017 to 12/31/2017

Thursday, March 22, 2018

2:08:06 PM

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										
Beacon Hills LS	82	12/23/2017 5:20 am	12/23/2017 11:30 pm	Other	Large break in upstream gravity line	18:10	Unknown	Yes	X	
Bellamy Lane LS	109	7/13/2017 4:30 am	7/13/2017 7:30 am	Mechanical (Station)	motor starters tripped	3:00	18,000	No	X	
Countryside Estates #1 LS	95	8/31/2017 10:00 pm	9/1/2017 5:45 pm	Other	Station flooded due to Hurrican Harvey	19:45	177,750	Yes		X
Embassy House LS	147	2/7/2017 9:40 am	2/7/2017 10:10 am	Capacity	Wet weather	:30	1,500	Yes		X
Hemlock LS		12/23/2017 2:05 am	12/23/2017 5:50 pm	Capacity	wet weather	15:45	Unknown	Yes		X
Heritage Estates LS	173	3/19/2017 6:00 am	3/19/2017 8:15 am	Mechanical (Station)	pumps air locked	2:15	30,000	No	X	
Heritage Estates LS	173	10/16/2017 9:30 pm	10/16/2017 10:28 pm	Power Outage (Utility)		:58	2,900	No	X	
Karen Ct LS	57	1/20/2017 9:45 am	1/20/2017 11:05 am	Mechanical (Station)		1:20	400	No	X	
Marymont LS	159	6/2/2017 9:15 pm	6/2/2017 10:15 pm	Other	Broken force main	1:00	18,000	No	X	
Middleton Place LS	179	3/1/2017 9:18 am	3/1/2017 10:18 am	Power Outage (Utility)		1:00	6,000	Unknown	X	
Monterey Place LS	64	5/22/2017	5/22/2017 11:00 am	Mechanical (Station)	leaking valve	Unknown	300	No	X	

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New Meadowbrook LS	137	1/23/2017 9:45 am	1/23/2017 11:00 am	Mechanical (Station)	Level system failure	1:15	4,000	No	X	
New Meadowbrook LS	137	3/10/2017 10:30 pm	3/11/2017 12:30 am	Capacity	wet weather	2:00	100,000	Yes		X
New Meadowbrook LS	137	6/5/2017 12:00 am	6/5/2017 4:15 am	Capacity	Wet weather	4:15	199,000	Yes		X
New Meadowbrook LS	137	7/7/2017 9:50 am	7/7/2017 12:50 pm	Capacity	wet weather	3:00	29,000	Yes		X
New Meadowbrook LS	137	8/31/2017 11:30 pm	9/1/2017 6:45 pm	Capacity	wet weather	19:15	Unknown	Yes		X
New Meadowbrook LS	137	10/23/2017 2:45 am	10/23/2017 7:45 am	Capacity	wet weather	5:00	Unknown	Yes		X
New Meadowbrook LS	137	12/23/2017 12:10 am	12/23/2017 10:55 am	Capacity	wet weather	10:45	Unknown	Yes		X
Oak St LS	141	7/7/2017 10:00 am	7/7/2017 11:00 am	Capacity	wet weather	1:00	12,000	Yes		X
Pond Apple Rd LS	75	3/2/2017 7:00 pm	3/2/2017 8:00 pm	Electrical (Station)	Tripped breakers	1:00	300	No	X	
Poplar Hills #3 LS	78	5/27/2017 8:30 pm	5/27/2017 10:30 pm	Line Blockage	force main partially clogged	2:00	300	No	X	
Ringgold Creek LS	108	7/7/2017 10:00 am	7/7/2017 2:00 pm	Capacity	wet weather	4:00	4,100	Yes		X
Ringgold Rd LS	129	3/14/2017 5:00 am	3/14/2017 7:30 am	Capacity	wet weather	2:30	50,000	Yes		X
Ringgold Rd LS	129	6/4/2017 10:30 pm	6/5/2017 8:30 pm	Capacity	Wet weather	22:00	76,000	Yes		X

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Ringgold Rd LS	129	6/22/2017 2:30 pm	6/22/2017 4:00 pm	Capacity		1:30	1,000	Yes		X
Ringgold Rd LS	129	6/23/2017 1:00 pm	6/23/2017 2:20 pm	Capacity	Wet weather	1:20	2,000	Yes		X
Ringgold Rd LS	129	7/5/2017 10:00 pm	7/5/2017 11:00 pm	Capacity	Wet weather	1:00	1,000	Yes		X
Ringgold Rd LS	129	7/15/2017 8:15 am	7/15/2017 9:00 am	Capacity	Wet weather	:45	1,000	Yes		X
Ringgold Rd LS	129	7/24/2017 3:43 pm	7/24/2017 3:57 pm	Capacity	Wet weather	:14	2,000	Yes		X
Ringgold Rd LS	129	8/6/2017 5:30 pm	8/6/2017 10:45 pm	Capacity	Wet weather	5:15	30,000	Yes		X
Ringgold Rd LS	129	8/7/2017 3:00 am	8/7/2017 11:00 am	Capacity	wet weather	8:00	24,000	Yes		X
Ringgold Rd LS	129	8/31/2017 11:30 pm	9/1/2017 5:15 pm	Capacity	wet weather	17:45	148,000	Yes		X
Ringgold Rd LS	129	10/8/2017 9:25 am	10/8/2017 10:25 am	Capacity	wet weather	1:00	11,000	Yes		X
Ringgold Rd LS	129	10/10/2017 2:35 pm	10/10/2017 3:30 pm	Capacity	wet weather	:55	11,000	Yes		X
Ringgold Rd LS	129	10/23/2017 1:50 am	10/23/2017 7:50 am	Capacity	wet weather	6:00	100,000	Yes		X
Ringgold Rd LS	129	12/23/2017 12:05 am	12/23/2017 8:10 am	Capacity	wet weather	8:05	102,000	Yes		X
Savannah LS	97	8/31/2017 10:00 pm	9/3/2017 3:30 pm	Capacity	wet weather	65:30	98,250	Yes		X

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Sherwood Forest LS	85	2/2/2017 9:13 am	2/2/2017 10:09 am	Capacity	Wet weather	:56	8,400	Yes		X
Sherwood Forest LS	85	6/5/2017 2:00 am	6/5/2017 2:30 am	Capacity	Wet weather	:30	Unknown	Yes		X
Sherwood Forest LS	85	8/6/2017 6:30 pm	8/6/2017 8:00 pm	Capacity	wet weather	1:30	Unknown	Yes		X
Sherwood Forest LS	85	8/31/2017 11:58 am	9/1/2017 6:39 pm	Capacity	Wet weather	30:41	Unknown	Yes		X
Sherwood Forest LS	85	12/23/2017 12:18 am	12/23/2017 6:25 am	Capacity	wet weather	6:07	Unknown	Yes		X

Summary of Lift Station Overflows

Total Overflow Occurrences for this Period = 42

Total Overflow Duration for this Period (Excluding Unknown) = 298:46

Total Overflow Volume for this Period (Excluding Unknown)= 1,269,200 Gallons

Manhole

Al Oerter Dr #200		4/25/2017 8:00 pm	4/25/2017 9:45 pm	Line Blockage		1:45	525	No	X	
Anthony Ct #1180		12/31/2017 2:15 pm	12/31/2017 7:30 pm	Line Blockage		5:15	1,575	No	X	
Blair Dr #248		5/7/2017 5:30 pm	5/7/2017 7:00 pm	Line Blockage		1:30	2,250	No	X	
Ft Campbell Blvd #1348	9550	1/18/2017 4:30 pm	1/18/2017 5:45 pm	Line Blockage	Blockage cleared	1:15	375	No	X	

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Inver Ln #517		12/7/2017 9:30 pm	12/7/2017 10:50 pm	Line Blockage		1:20	80	No	X	
Kleeman Dr	7245	3/14/2017 6:30 pm	3/14/2017 10:30 pm	Line Blockage		4:00	3,000	No	X	
Lark Drive #2802		12/31/2017 2:39 pm	12/31/2017 6:00 pm	Line Blockage		3:21	100	No	X	
Lodge DR #213		3/25/2017 4:10 pm	3/25/2017 7:15 pm	Line Blockage		3:05	4,265	No	X	
Peabody Dr #363	4692	12/12/2017 7:30 pm	12/12/2017 9:30 pm	Line Blockage		2:00	3,000	No	X	
Peachers Mill Rd #1017	8818	6/2/2017 4:30 pm	6/2/2017 6:30 pm	Other	Broken force main	2:00	36,000	No	X	
Stacker Dr #103		4/24/2017 6:15 pm	4/24/2017 8:00 pm	Line Blockage		1:45	525	No	X	

Summary of Manhole Overflows

Total Overflow Occurrences for this Period = 11

Total Overflow Duration for this Period (Excluding Unknown) = 27:16

Total Overflow Volume for this Period (Excluding Unknown)= 51,695 Gallons

Gravity Main

Current St #76		12/7/2017	12/7/2017 12:30 pm	Other	Broken pipe	Unknown	Unknown	No	X	
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Summary of Gravity Main Overflows

Total Overflow Occurrences for this Period = 1

Total Overflow Duration for this Period (Excluding Unknown) = 0:00

Total Overflow Volume for this Period (Excluding Unknown)= 0 Gallons

Force Main

Barkers Mill and Danbury RD		11/25/2017 5:30 pm	11/25/2017 7:00 pm	Other	Broken ARV	1:30	440	No	X	
Foxwood Rd #811		5/10/2017 2:30 pm	5/10/2017 4:00 pm	Other	force main broken	1:30	450	No	X	
Ft Campbell Blvd #2250		7/16/2017	7/18/2017 10:40 pm	Other	Broken force main	Unknown	Unknown	No	X	
Georgetown Rd Lot 27		2/17/2017 7:30 am	2/17/2017 9:30 am	Other	Broken Force main	2:00	100	No	X	
Main LS - Force Main		1/1/2017 1:00 am	1/4/2017 7:00 pm	Other	Force main broke at WWTP berm, from 12/18/16 - 1/4/17	90:00	50,000,000	No	X	
Peachers Mill Rd #2541		9/3/2017 4:00 pm	9/3/2017 6:00 pm	Other	Broken ARV	2:00	30,000	No	X	
Peachers Mill Rd #2541		9/9/2017 8:00 pm	9/9/2017 9:00 pm	Other	Broken ARV	1:00	15,000	No	X	
Tobacco Rd #104		12/5/2017 12:00 pm	12/5/2017 1:35 pm	Other	Broken ARV	1:35	2,850	No	X	
Trenton Rd #2690		10/25/2017 7:45 am	10/25/2017 11:45 am	Other	Broken force main	4:00	6,000	No	X	

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Winding Bluff Way #628		5/20/2017 3:00 pm	5/20/2017 5:00 pm	Other	Force main broken	2:00	360	No	X	
Winding Bluff Way #628		6/23/2017 10:00 am	6/23/2017 10:40 am	Other	Broken force main	:40	28,000	No	X	

Summary of Force Main Overflows

Total Overflow Occurrences for this Period = 11

Total Overflow Duration for this Period (Excluding Unknown) = 106:15

Total Overflow Volume for this Period (Excluding Unknown)= 50,083,200 Gallons

Summary of All Overflows for this Report

Total Overflow Occurrences for this Period = 65

Total Overflow Duration for this Period (Excluding Unknown) = 432:17

Total Overflow Volume for this Period (Excluding Unknown)= 51,404,095 Gallons