

## 2009 Sanitary Sewer Overflow Report

*Map Ref. #	Address/ Location	Date	Duration of Overflow (hrs)	Estimated Volume (gallons)	Basin	Cause of the Overflow	Measure taken to stop the Overflow	Short Term Control List	Long Term Planning and Remediation
1	WWTP	1/6/09	145 hrs	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 7-8 million gallons and EQ basin was full. 1 clarifier was down for repair	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	1/27/09	108 hr	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 7-8 million gallons and EQ basin was full. 1 clarifier was down for repair	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	3/14/09	60.75 hrs	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 9.5-10 million gallons/day and EQ basin full. 2" of rain before overflow	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	3/27/09	72 hrs	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 8.5 million gallons/day and EQ basin was full	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	4/2/09	78 hrs	unknown	Barton's Creek	Due to I&I...WWTP maintained flow of 8-9 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	4/10/09	51 hrs	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 8-9 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	5/1/09	102hr	unknown	Barton's Creek	Due to I & I...WWTP maintained flow of 8-9 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	5/9/09	57 hrs	unknown	Barton's Creek	Due to I&I...WWTP maintains flow of 8-9 million gallons day and EQ basin is full.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	8/5/09	approximately 14 hrs	estimated 3.5 million gallons	Barton's Creek	Due to powerfailure. Main feed line pulled loose at utility pole. 2" of rain in <1hr.	Plant is under construction / expansion. MTEMC notified immediately and repairs made asap		X
1	WWTP	9/15/09	12 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	9/16/09	12 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction. 7 inches of rain 16th-18th.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	9/17/09	78 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction. 7 inches of rain 16th-18th.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	9/22/09	30 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	9/26/09	approximately 50 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction.	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	9/31/2009	4 hrs	unknown	Barton's Creek	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction. 1.5" rain	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	10/15/09	6 hrs	unknown	Barton's Creek	Due to I&I...EQ basin full...1-1/2" rain in previous 48hrs...One of two aeration basins down due to construction	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	12/2/09	89 hrs	unknown	Barton's Creek	Main pump station under construction. Using high flow pumps which have limited capacity. One aeration basin is down, under construction	Plant expansion is under construction to handle higher flow rate		X
1	WWTP	12/8/09	165 hrs	unknown	Barton's Creek	Main pump station under construction. Using high flow pumps which have limited capacity. One aeration basin is down, under construction. Rainfall: 1.8" on 8th, .54" on 13th	Plant expansion is under construction to handle higher flow rate		X
2	Walker's Branch Pump Station	1/7/09	30min	est.50 gpm	Walker's Branch	Pumps down	Reset pumps. Wet well was down within a few minutes and overflow stopped	X	
2	Walker's Branch Pump Station	1/7/09	30 min	est.50 gpm	Walker's Branch	All 3 were kicked off.	Operator reset pumps.	X	
2	Walker's Branch Pump Station	1/28/09	1 hr 10 min	25 gpm	Walker's branch	Due to heavy rainfall	No action taken		X
2	Walker's Branch Pump Station	2/10/09	unknown	estimated 2000 gal. ponded behind P.S.	Walker's Branch	Pump Station malfunction	Manually operated pumps to stop overflow	X	

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2	Walker's Branch Pump Station	5/9/09	9 hr 30 min	25 gpm	Walker's Branch	Due to heavy rainfall	No action taken		X
2	Walker's Branch Pump Station	9/17/09	7 hrs	50 gpm	Walker's Branch	Due to heavy rainfall	No action taken		X
3	Alhambra	1/6/09	54 hrs 24 min	200gpm+	Alhambra	Due to I & I...WWTP maintained flow of 7-8 million gallons and EQ basin was full. 1 clarifier was down for repair	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	1/28/09	unknown	275+gpm	Alhambra	Due to I & I...WWTP maintained flow of 7-8 million gallons and EQ basin was full. 1 clarifier was down for repair	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	3/14/09	unknown	200+ gpm	Alhambra	Due to I & I...WWTP maintained flow of 9.5-10 million gallons/day and EQ basin full. 2" of rain before overflow	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	3/26/09	unknown	200 gpm+	Alhambra	Due to I & I...WWTP maintained flow of 8.5 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	4/3/09	17 hrs	200 gpm	Alhambra	Due to I&I...WWTP maintained flow of 8-9 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	5/1/09	93 hr 35 min estimated	100 gpm	Alhambra	Due to I & I...WWTP maintained flow of 8-9 million gallons/day and EQ basin is full	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	5/9/09	unknown	200 gpm	Alhambra	Due to I&I...WWTP maintains flow of 8-9 million gallons day and EQ basin is full.	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	9/15/09	14 hr 45 min	200+ gpm	Alhambra	Due to heavy rainfall	Overflow starts and stops with WWTP overflow		X
3	Alhambra	9/16/09	unknown	200+ gpm	Alhambra	Due to heavy rainfall	Overflow starts and stops with WWTP overflow		X
3	Alhambra	9/26/09	<24 hr	200+ gpm	Alhambra	Overflow due to I&I...EQ basin full. One of two aeration basins down due to construction.	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	10/15/09	<18 hrs 45 min	200 gpm	Alhambra	Due to I&I...EQ basin full...1-1/2" rain in previous 48hrs...One of two aeration basins down due to construction	Plant expansion is under construction to handle higher flow rate		X
3	Alhambra	12/8/09	unknown	200+ gpm estimated	Alhambra	Due to heavy rainfall	Overflow starts and stops with WWTP overflow		X
4	Summercrest Pump Stations	1/6/09	19 hrs 57 min	unknown	Summercrest	Due to heavy rainfall	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	1/28/09	unknown	50 gpm	Summercrest	Due to heavy rainfall	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	3/14/09	11 hrs	25 gpm	Summercrest	Due to wet weather	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	3/18/09	1 hr 14 min	25 gpm	Summercrest	While repairing check valves inside station the incoming line had to be plugged. When the plug was removed the flow exceeded pumping capabilities of the station	Repairs made to pump station	X	
4	Summercrest Pump Stations	4/2/09	16 hrs	25+ gpm	Summercrest	I & I put more flow than station could handle	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	5/1/09	11 hr 30 min	25 gpm	Summercrest	Due to heavy rainfall	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	5/9/09	19 hrs.	25 gpm	Summercrest	SCADA system reported high wet well/overflow due to heavy rainfall	Force main is being relocated / To be finished by July 2009		X
4	Summercrest Pump Stations	9/15/09	6 hrs 2 min	50 gpm	Summercrest	High wet well due to heavy rainfall	No action taken		X
4	Summercrest Pump Stations	9/17/09	22 hrs	50 gpm	Summercrest	Due to heavy rainfall	No action taken		X
4	Summercrest Pump Stations	9/26/09	18 hrs 35 min	50 gpm	Summercrest	Due to heavy rainfall	No action taken		X
5	Keaton St.	1/7/09	6 hrs 10 min	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
5	Keaton St.	1/28/09	6 hrs 10 min	150 gpm	Barton's Creek	Due to blockage	Cleaned / Unstopped main line / Took out piece of concrete	X	
5	Keaton St.	5/1/09	11 hr	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X

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5	Keaton St.	9/17/09	30 hrs	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
6	Vincent Cason	1/28/09	7 hrs 15 min	50 gpm	Barton's Creek	Due to blockage	Cleaned / Unstopped main line / Took out piece of concrete	X	
6	Vincent Cason	5/1/09	11 hr	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
6	Vincent Cason	5/9/09	unknown	25 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
6	Vincent Cason	9/17/09	29 hrs 15min	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
7	West St.	1/28/09	unknown	50 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
7	West St.	5/1/09	17 hr	100 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
7	West St.	5/9/09	unknown	25 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
7	West St.	9/16/09	40 hr 15 min	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
7	West St.	9/26/09	<24 hr	20gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
8	Lebanon Square	1/28/09	unknown	25 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
8	Lebanon Sqaure	4/3/09	2 hr	<20 gpm	Sinking Creek	Due to wet weather	No action taken		X
8	Lebanon Sqaure	5/1/09	17 hrs 5 min	20 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
8	Lebanon Sqaure	5/9/09	unknown	25 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
8	Lebanon Sqaure	9/15/09	<20 hr	25 gpm	Sinking Creek	Due to heavy rain fall	No action taken		X
8	Lebanon Sqaure	9/17/09	29 hr 45 min	25 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
8	Lebanon Sqaure	9/26/09	24 hrs	25 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
9	W. Baddour Pkwy (behind Lebanon Chemical)	1/28/09	unknown	50 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
9	W. Baddour Pkwy (behind Lebanon Chemical)	5/1/09	11 hr	100 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
9	W. Baddour Pkwy (behind Lebanon Chemical)	5/9/09	unknown	100 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
9	W. Baddour Pkwy (behind Lebanon Chemical)	9/17/09	<20 hrs 30 min	50 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
10	Sloan St & West St.	4/3/09	unknown	unknown	Barton's Creek	Due to wet weather	No action taken		X
11	Caruthers Ave	5/1/09	unknown	unknown	Sinking Creek	Due to heavy rainfall	No action taken		X
11	Caruthers Ave	9/17/09	<23 hrs	5 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
11	Caruthers Ave	9/26/09	<24 hrs	<5 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
12	W. Main St (at Quick Stop / State Farm)	5/1/09	17 hrs 5 min	20 gpm	Tarver Branch	Due to heavy rainfall	No action taken		X
12	W. Main St (at Quick Stop / State Farm)	9/17/09	27 hrs	20 gpm	Tarver Branch	Due to heavy rainfall	No action taken		X
13	Neal St.	5/1/09	17 hr	20 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
13	Neal St.	5/9/09	unknown	25 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
14	Vanhook Dr. (Thorne Ct. P.S.)	5/1/09	unknown	unknown	Barton's Creek	Pump station could not keep up due to I & I	No action taken		X
14	Vanhook Dr. (Thorne Ct. P.S.)	5/9/09	unknown	25 gpm	Barton's Creek	Due to heavy rainfall. Thorne Cr pump station could not keep up due to I & I	No action taken		X
14	Vanhook Dr. (Thorne Ct. P.S.)	9/15/09	7 hrs 41 min	25 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X

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14	Vanhook Dr. (Thorne Ct. P.S.)	9/16/09	39 hrs 15min	50 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
14	Vanhook Dr. (Thorne Ct. P.S.)	9/26/09	19 hrs 35 min	50 gpm	Barton's Creek	Due to heavy rainfall	No action taken		X
15	Leeville Pk Pump Station	5/1/09	5 min	150 gpm	Tarver Branch	Due to tripped breaker	Reset breaker	X	
16	510 Leeveille Pike	5/1/09	unknown	unknown	Tarver Branch	Due to heavy rainfall	No action taken		X
16	510 Leeveille Pike	9/17/09	22 hrs 30 min	20 gpm	Tarver Branch	Due to heavy rainfall	No action taken		X
17	Intersection of Market & College	5/1/09	11 hr	20 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
18	116 A Marks Circle	5/9/09	unknown	25 gpm	Walker's branch	Due to heavy rainfall	No action taken		X
19	Don Fox Park/Baddour Pkwy	5/9/09	unknown	unknown	Sinking Creek	Due to heavy rainfall	No action taken		X
20	Castlewood P.S./Castlewood Ln	5/14/09	19 min.	20 gpm	Barton's Creek	Pump stopped up	Pulled pump and unstopped	X	
20	Castlewood P.S./Castlewood Ln	5/26/09	5 min.	10 gpm	Barton's Creek	Motor overload/rags	Pulled out rags/pumped down/reset motor overload	X	
20	Castlewood P.S./Castlewood Ln	6/29/09	5 min	5 gpm	Barton's Creek	Floats hung on grease	Manually operated station freed floats	X	
20	Castlewood P.S./Castlewood Ln	11/9/09	5 min	30 gpm	Barton's Creek	Due to floats being stuck	Cleaned floats	X	
21	319 E. Main St.	5/28/09	51 min.	10 gpm	Sinking Creek	Main line stopped up	Cleaned / Unstopped main line	X	
22	104 E. Forrest. St.	6/12/09	1 hr	10 gpm	Coles Ferry	Main line stopped up	Cleaned / Unstopped main line	X	
23	4105 Coles Ferry Pike	7/7/09	40 min	10 gpm	Walker's branch	Air release valve leaking	Shut air release valve off	X	
24	Tennessee Blvd	7/8/09	34 min	10 gpm	Sinking Creek	Main line stopped up	Cleaned / Unstopped main line	X	
25	Babb Dr. behind UMC Emergency Rm	7/20/09	unknown	unknown	Blair Lane	Contractor mistakenly tied into storm drain	Contractor made repairs	X	
26	2135 Hwy 70 W	8/17/09	21 hrs	10gpm	Summercrest	2" air release valve hung open	Put shut off valve off	X	
27	419 S. Maples St.	9/5/09	35 min	50 gal total	Sinking Creek	Main line stopped up	Cleaned / Unstopped main line	X	
28	Intersection fo Pennsylvania & Pennsylvania Annex	9/17/09	unknown	unknown	Tarver Branch	Due to heavy rainfall	No action taken		X
29	S. Cumberland at Lebanon Barber Shop	9/17/09	<22 hrs	20 gpm	Sinking Creek	Due to heavy rainfall	No action taken		X
30	Intersection: Hartmann Dr. & W. Main.	9/30/09	2 hrs	<25 gpm	Barton's Creek	Contractor hit 8" sewer line	Contractor repaired line	X	
31	337 W. Baddour Pkwy	10/4/09	unknown	unknown	Sinking Creek	Due to heavy rainfall/reported after rainfall	No action taken		X
32	102 West End Manor	10/6/09	15 min	5 gpm	Barton's Creek	Main line stopped up	Cleaned / Unstopped main line	X	
33	Intersection of N. Tarver & W. Main St.	11/18/09	30 min	50 gpm	Tarver Branch	Main line stopped up	Cleaned / Unstopped main line/full of towels	X	
34	100 Dedman St. (also known as 968 E. Dedman St.)	12/14/09	1 hr 35 min	20 gpm	Sinking Creek	Main line stopped up	Cleaned / Unstopped main line	X	