

**Macomb County Health Department  
Environmental Health Services Division  
Retention Basin/Combined Sewer/Sanitary Sewer Overflows  
For the dates : 1/1/2009 through 12/31/2009**

Start	Start Time	End	End Time	Hours	Receiving Water	Volume (Gallons)	Meets NPDES	Precip	Type
<b>ALMONT WWTP</b>									
04/28/2009	12:00 AM	05/02/2009			N.Branch Clinton Riv	1,039,000	N	0.80	SSO
08/09/2009	09:00 PM	08/11/2009	01:00 PM	4.00	N. Branch Clinton River	794,000	N		SSO
<b>Sub Totals for Almont Wwtp</b>				<b>4.00</b>		<b>1,833,000</b>			
<b>ARMADA VILLAGE WWTP</b>									
04/26/2009	05:30 AM	04/26/2009	07:30 AM	2.00	E. Branch Coon Creek	108,000	N		SSO
<b>Sub Totals for Armada Village Wwtp</b>				<b>2.00</b>		<b>108,000</b>			
<b>CENTERLINE</b>									
03/08/2009	05:30 PM	03/09/2009	01:45 AM	8.25	Lorraine Drain	535,972	N	1.74	SSO
03/11/2009	02:30 AM	03/11/2009	08:45 AM	6.25	Lorraine Drain	295,219	N	3.17	SSO
<b>Sub Totals for Centerline</b>				<b>14.50</b>		<b>831,191</b>			
<b>CHAPATON RTB</b>									
02/11/2009	08:10 PM	02/12/2009	11:30 AM	15.40	Lake St. Clair	74,900,000	Y	1.20	CSO-T
03/07/2009	08:40 PM	03/09/2009	04:50 AM	27.00	Lake St. Clair	109,200,000	Y	1.95	CSO-T
03/11/2009	01:20 AM	03/11/2009	10:45 AM	9.42	Lake St. Clair	67,600,000	Y	1.18	CSO-T
04/20/2009	09:00 AM	04/20/2009	11:45 PM	14.75	Lake St. Clair	33,880,000	Y	1.44	CSO-T
08/08/2009	04:45 PM	08/08/2009	10:00 PM	5.42	Lake St. Clair	10,500,000	Y		CSO-T
12/25/2009	05:40 PM	12/25/2009	11:55 PM	6.25	Lake St. Clair	4,890,000	Y		CSO-T
<b>Sub Totals for Chapaton Rtb</b>				<b>78.24</b>		<b>300,970,000</b>			
<b>CLINTON - BEACONSFIELD</b>									
03/11/2009	03:00 AM	03/11/2009	03:30 AM	0.50	Clinton River	2,570	N	1.00	SSO
<b>Sub Totals for Clinton - Beaconsfield</b>				<b>0.50</b>		<b>2,570</b>			
<b>CLINTON - LITTLE MACK</b>									
03/11/2009	02:00 AM	03/11/2009	06:00 AM	4.00	Clinton River	33,000	N	1.00	SSO
<b>Sub Totals for Clinton - Little Mack</b>				<b>4.00</b>		<b>33,000</b>			
<b>CLINTON - MILLAR</b>									
06/25/2009	04:00 PM	06/26/2009	03:00 AM	11.00	Harrington Drain	1,000	N		SSO
<b>Sub Totals for Clinton - Millar</b>				<b>11.00</b>		<b>1,000</b>			
<b>CLINTON - RUTHERFORD</b>									
03/11/2009	02:30 AM	03/11/2009	03:00 AM	0.50	Clinton River	2,100	N	1.00	SSO
<b>Sub Totals for Clinton - Rutherford</b>				<b>0.50</b>		<b>2,100</b>			

Start	Start Time	End	End Time	Hours	Receiving Water	Volume (Gallons)	Meets NPDES	Precip	Type
<b>FRASER</b>									
02/11/2009	08:15 PM	02/12/2009	04:45 AM	8.50	Sweeney Drain	93,245	N	0.72	SSO
03/07/2009	10:15 PM	03/08/2009	11:15 PM	25.00	Sweeney Drain	173,698	N	1.52	SSO
03/10/2009	08:30 PM	03/11/2009	09:00 PM	0.50	Sweeney Drain	212,005	N	0.69	SSO
04/20/2009	07:15 AM	04/20/2009	08:30 AM	1.50	Sweeney Drain	62,275	N	1.27	SSO
04/25/2009	06:45 PM	04/25/2009	10:15 PM	3.50	Sweeney Drain	92,384	N	1.40	SSO
04/28/2009	07:00 AM	04/28/2009	10:15 AM	3.25	Sweeney Drain	97,165	N	0.60	SSO
05/14/2009	05:15 AM	05/14/2009	07:00 AM	1.75	Sweeney Drain	62,462	N	0.81	SSO
06/20/2009	12:15 PM	06/20/2009	04:00 PM	3.75	Sweeney Drain	236,040	N		SSO
06/25/2009	05:15 PM	06/25/2009	06:30 PM	1.25	Sweeney Drain	128,411	N		SSO
08/08/2009	02:00 PM	08/08/2009	05:15 PM	3.25	Sweeney Drain	151,757	N		SSO
08/09/2009	04:50 AM	08/09/2009	08:15 AM	4.25	Sweeney Drain	14,445	N		SSO
12/25/2009	01:45 PM	12/25/2009	02:45 PM	1.00	Sweeney Drain	37,029	N		SSO
<b>Sub Totals for Fraser</b>				<b>57.50</b>		<b>1,360,916</b>			
<b>MARTIN RTB</b>									
02/11/2009	04:20 PM	02/12/2009	09:45 PM	29.25	Lake St. Clair	65,390,000	Y	1.20	CSO-T
02/27/2009	09:30 AM	02/27/2009	03:05 PM	5.25	Lake St. Clair	11,240,000	Y	0.50	CSO-T
03/07/2009	08:35 PM	03/09/2009	05:30 PM	39.60	Lake St. Clair	153,240,000	Y	2.18	CSO-T
03/10/2009	01:35 PM	03/11/2009	10:23 PM	29.82	Lake St. Clair	78,200,000	Y		CSO-T
04/06/2009	12:55 PM	04/07/2009	04:30 AM	15.60	Lake St. Clair	26,200,000	Y	0.90	CSO-T
04/15/2009	06:30 AM	04/15/2009	02:13 PM	7.70	Lake St. Clair	11,720,000	Y	1.03	CSO-T
04/20/2009	07:30 AM	04/21/2009	06:30 AM	23.00	Lake St. Clair	58,810,000	Y	1.63	CSO-T
04/28/2009	03:07 PM	04/28/2009	06:40 PM	3.50	Lake St. Clair	6,530,000	Y	0.70	CSO-T
04/30/2009	10:50 PM	05/01/2009	03:15 AM	4.40	Lake St. Clair	9,110,000	Y	0.73	CSO-T
06/20/2009	02:30 AM	06/20/2009	12:10 PM	9.67	Lake St. Clair	22,490,000	Y		CSO-T
08/08/2009	03:55 PM	08/08/2009	08:34 PM	4.65	Lake St. Clair	13,160,000	Y		CSO-T
12/25/2009	03:45 PM	12/26/2009	01:08 AM	8.38	Lake St. Clair	12,910,000	Y		CSO-T
<b>Sub Totals for Martin Rtb</b>				<b>180.82</b>		<b>469,000,000</b>			
<b>MILK RIVER RTB</b>									
02/11/2009	10:33 AM	02/11/2009	10:23 PM	7.08	Lake St. Clair	68,147,950	Y	0.96	CSO-T
02/12/2009	12:35 PM	02/12/2009	08:15 AM	2.63	Lake St. Clair	19,513,000	Y	0.08	CSO-T
03/07/2009	08:43 PM	03/07/2009	11:12 PM	1.87	Lake St. Clair	19,342,500	Y	0.88	CSO-T
03/08/2009	03:34 AM	03/08/2009	08:24 PM	4.42	Lake St. Clair	40,653,000	Y	0.79	CSO-T
03/09/2009	12:36 PM	03/09/2009	01:38 AM	1.03	Lake St. Clair	7,657,000	Y	0.00	CSO-T
03/10/2009	09:19 AM	03/10/2009	05:55 PM	1.94	Lake St. Clair	14,326,000	Y	0.84	CSO-T
03/11/2009	12:08 AM	03/12/2009	01:00 PM	5.55	Lake St. Clair	57,158,000	Y	0.26	CSO-T
04/06/2009	11:18 AM	04/06/2009	06:09 PM	2.07	Lake St. Clair	19,497,448	Y	0.73	CSO-T
04/20/2009	06:48 AM	04/20/2009	10:32 AM	3.90	Lake St. Clair	33,906,439	Y	1.59	CSO-T
05/14/2009	08:06 AM	05/14/2009	08:45 AM	0.65	Lake St. Clair	9,332,409	Y	1.03	CSO-T
05/16/2009	03:00 AM	05/16/2009	03:37 AM	0.62	Lake St. Clair	7,211,680	Y	0.48	CSO-T
06/20/2009	12:45 PM	06/20/2009	07:22 AM	6.62	Lake St. Clair	33,959,589	Y		CSO-T
08/08/2009	03:08 AM	08/08/2009	04:02 AM	0.90	Lake St. Clair	12,886,835	Y		CSO-T
08/11/2009	05:59 PM	08/11/2009	07:18 PM	1.32	Lake St. Clair	20,733,040	Y		CSO-T
12/25/2009	08:13 PM	12/25/2009	09:56 PM	1.72	Lake St. Clair	9,364,170	Y		CSO-T
<b>Sub Totals for Milk River Rtb</b>				<b>42.32</b>		<b>373,689,060</b>			

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<b>MT. CLEMENS RTB</b>									
03/11/2009	05:45 AM	03/13/2009	08:00 AM	50.25	Clinton River	5,483,300	Y		CSO-T
04/27/2009	01:00 AM	04/27/2009	02:45 AM	1.75	Clinton River	3,048,000	Y		CSO-T
04/28/2009	10:00 AM	04/29/2009	02:00 PM	4.00	Clinton River	5,090,000	Y		CSO-T
<b>Sub Totals for Mt. Clemens Rtb</b>				<b>56.00</b>		<b>13,621,300</b>			
<b>NEW BALTIMORE</b>									
02/12/2009	07:00 AM	02/12/2009	11:00 AM	4.00	Crapeau Creek	150,000	N	1.40	SSO
<b>Sub Totals for New Baltimore</b>				<b>4.00</b>		<b>150,000</b>			
<b>ROMEO WWTP</b>									
06/25/2009	04:00 PM	06/25/2009	05:00 PM	1.00	East Pond Creek	1,000	N		SSO
<b>Sub Totals for Romeo Wwtp</b>				<b>1.00</b>		<b>1,000</b>			
<b>SOCSDS RTB</b>									
02/11/2009	06:20 PM	02/12/2009	01:25 PM	19.08	Red Run Drain	193,000,000	Y	1.30	CSO-T
02/27/2009	08:30 AM	02/27/2009	02:00 PM	5.50	Red Run Drain	18,900,000	Y	0.90	CSO-T
03/07/2009	08:36 PM	03/11/2009	08:15 PM	66.74	Red Run Drain	630,000,000	Y	3.25	CSO-T
04/20/2009	08:19 AM	04/21/2009	04:45 PM	21.95	Red Run Drain	210,000,000	Y	1.61	CSO-T
05/14/2009	06:02 AM	05/14/2009	11:15 AM	5.22	Red Run Drain	55,000,000	Y	1.02	CSO-T
06/20/2009	12:40 AM	06/20/2009	09:27 AM	8.12	Red Run Drain	114,000,000	Y		CSO-T
08/08/2009	01:54 PM	08/08/2009	06:50 PM	4.93	Red Run Drain	92,000,000	Y		CSO-T
12/25/2009	01:42 PM	12/25/2009	09:49 PM	5.15	Red Run Drain	18,300,000	N		CSO-T
<b>Sub Totals for Socds Rtb</b>				<b>136.69</b>		<b>1,331,200,000</b>			
<b>STERLING HEIGHTS</b>									
03/11/2009	05:00 AM	03/13/2009	04:00 PM	59.00	Clinton River	800,000	N	2.10	SSO
<b>Sub Totals for Sterling Heights</b>				<b>59.00</b>		<b>800,000</b>			
<b>WARREN</b>									
02/12/2009	07:45 AM	02/13/2009	04:30 AM	20.25	Red Run Drain	18,900,000	Y	1.00	BOF
03/08/2009	09:45 PM	03/13/2009	03:10 AM	101.42	Red Run Drain	108,700,000	Y	3.13	BOF
04/20/2009	02:19 AM	04/22/2009	02:49 AM	48.50	Red Run Drain	19,200,000	Y	1.41	BOF
04/28/2009	01:51 PM	04/29/2009	02:34 AM	12.72	Red Run Drain	6,000,000	Y	0.65	BOF
04/30/2009	09:56 PM	05/01/2009	07:13 PM	21.28	Red Run Drain	11,900,000	Y	2.54	BOF
<b>Sub Totals for Warren</b>				<b>204.17</b>		<b>164,700,000</b>			
<b>Total all locations</b>				<b>856.24</b>		<b>2,658,303,137</b>			