

**Macomb County Health Department  
Environmental Health Services Division  
Retention Basin/Combined Sewer/Sanitary Sewer Overflows  
For the dates 1/1/2008 thru 12/31/2008**

Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipitation	Type
<b>CENTERLINE</b>									
2/6/2008	10:30	2/6/2008	10:45	0.25	8,820	LORRAINE DRAIN	N	1	SSO
9/13/2008		9/14/2008							
<b>SubTotals for CENTERLINE</b>				0.25	8,820			1	
<b>CHAPATON - 002</b>									
2/6/2008	6:30	2/6/2008	8:00	1.5	22,600,000	LAKE ST. CLAIR	Y	1.25	CSO-T
<b>SubTotals for CHAPATON - 002</b>				1.5	22,600,000			1.25	
<b>CHAPATON RTB</b>									
2/6/2008	2:20	2/6/2008	18:05	15.75	174,960,000	LAKE ST. CLAIR	Y	1.25	CSO-T
2/17/2008	19:30	2/18/2008	6:00	10.5	49,500,000	LAKE ST. CLAIR	Y	0.52	CSO-T
6/28/2008	5:00	6/28/2008	19:00	14	72,030,000	LAKE ST. CLAIR	Y	2.4	CSO-T
7/3/2008	2:45	7/3/2008	12:30	9.75	12,700,000	LAKE ST. CLAIR	Y	1.39	CSO-T
9/13/2008	14:55	9/15/2008	5:40	24.75	94,280,000	LAKE ST. CLAIR	Y	4.62	CSO-T
11/15/2008	16:05	11/16/2008	1:15	9.1	21,900,000	LAKE ST. CLAIR	Y	1.62	CSO-T
12/9/2008	22:30	12/10/2008	3:00	4.5	6,400,000	LAKE ST. CLAIR	Y	1.25	CSO-T
12/27/2008	10:00	12/28/2008	18:00	32.2	161,870,000	LAKE ST. CLAIR	Y	0.41	CSO-T
<b>SubTotals for CHAPATON RTB</b>				120.55	593,640,000			13.46	
<b>CLINTON - BEACONSFIELD</b>									
9/13/2008	22:25	9/13/2008	22:55	0.5	5,000	CLINTON RIVER	N	4.15	SSO
9/14/2008	19:00	9/14/2008	20:30	1.5	13,600	CLINTON RIVER	N	4.15	SSO
<b>SubTotals for CLINTON - BEACONSFIELD</b>				2	18,600			8.3	
<b>CLINTON - GOLDEN</b>									
9/14/2008	20:30	9/14/2008	21:30	1	10,140	CLINTON RIVER	N	4.15	SSO
<b>SubTotals for CLINTON - GOLDEN</b>				1	10,140			4.15	
<b>CLINTON - KING DRAIN</b>									
9/12/2008	0:00	9/12/2008	2:40	2.67	40,340	CLINTON RIVER	N	4.15	SSO
9/14/2008	19:50	9/14/2008	20:20	0.5	4,000	CLINTON RIVER	N	4.15	SSO
<b>SubTotals for CLINTON - KING DRAIN</b>				3.17	44,340			8.3	
<b>CLINTON - LITTLE MACK</b>									
9/13/2008	23:10	9/14/2008	2:00	2.87	100,000	LAKE ST. CLAIR	N	4.15	SSO
9/14/2008	18:20	9/14/2008	22:00	3.67	106,000	LAKE ST. CLAIR	N	4.15	SSO
<b>SubTotals for CLINTON - LITTLE MACK</b>				6.54	206,000			8.3	

Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipitation	Type
<b>CLINTON - RUTHERFORD</b>									
9/14/2008	18:30	9/14/2008	19:00	0.5	13,920	CLINTON RIVER	N	4.15	SSO
<b>SubTotals for CLINTON - RUTHERFORD</b>				0.5	13,920			4.15	

**FRASER**

1/2/2008	7:45	1/2/2008	8:55	1.17	154,857	SWEENEY DRAIN	N	0	SSO
2/6/2008	4:30	2/6/2008	7:45	3.25	265,933	SWEENEY DRAIN	N	1.02	SSO
6/10/2008	9:15	6/10/2008	12:05	2.83	191,427	SWEENEY DRAIN	N	0.77	SSO
6/26/2008	18:15	6/26/2008	19:30	1.25	16,689	SWEENEY DRAIN	N	0.75	SSO
6/28/2008	5:00	6/28/2008	12:45	7.75	30,812	SWEENEY DRAIN	N	1	SSO
7/3/2008	12:30	7/3/2008	12:45	0.25	11,535	SWEENEY DRAIN	N	0.9	SSO
7/11/2008	11:45	7/11/2008	12:30	0.75	16,135	SWEENEY DRAIN	N	0.45	SSO
9/13/2008	11:30	9/14/2008	21:45	33.25	589,839	SWEENEY DRAIN		3.78	SSO
11/15/2008	14:05	11/15/2008	14:50	0.75	33,790	SWEENEY DRAIN	N	0.96	SSO
12/27/2008	11:00	12/28/2008	10:00		640,972	SWEENEY DRAIN	N		SSO
<b>SubTotals for FRASER</b>				74.25	1,951,989			9.63	

**MARTIN RTB**

1/9/2008	6:40	1/9/2008	12:30	5.8	6,730,000	LAKE ST. CLAIR	Y	1.1	CSO-T
2/6/2008	2:30	2/6/2008	20:05	17.6	37,560,000	LAKE ST. CLAIR	Y	1.18	CSO-T
2/17/2008	18:30	2/18/2008	7:30	13.1	33,200,000	LAKE ST. CLAIR	Y	0.55	CSO-T
6/28/2008	7:30	6/28/2008	18:45	9.5	18,440,000	LAKE ST. CLAIR	Y	1.8	CSO-T
7/3/2008	4:40	7/3/2008	14:30	9.83	5,450,000	LAKE ST. CLAIR	Y	1.31	CSO-T
9/13/2008	15:13	9/15/2008	4:30	27.5	94,810,000	LAKE ST. CLAIR	Y	4.7	CSO-T
11/15/2008	13:45	11/15/2008	22:10	8.4	10,700,000	LAKE ST. CLAIR	Y	1.22	CSO-T
12/9/2008	17:25	12/10/2008	4:18	10.9	16,630,000	LAKE ST. CLAIR	Y	1.01	CSO-T
12/27/2008	10:10	12/28/2008	20:00	33.8	112,690,000	LAKE ST. CLAIR	Y	0.42	CSO-T
<b>SubTotals for MARTIN RTB</b>				136.43	336,210,000			13.29	

**MILK RIVER RTB**

1/9/2008	1:05	1/9/2008	18:47	3.8	34,036,530	LAKE ST. CLAIR	Y	1.79	CSO-T
1/10/2008	15:27	1/10/2008	16:13	0.77	8,464,000	LAKE ST. CLAIR	Y	0.16	CSO-T
1/11/2008	1:02	1/11/2008	2:15	1.22	9,015,500	LAKE ST. CLAIR	Y	0.24	CSO-T
2/5/2008	23:50	2/6/2008	7:30	8.17	75,411,000	LAKE ST. CLAIR	Y	1.75	CSO-T
2/7/2008	13:18	2/7/2008	14:22	1.02	7,904,000	LAKE ST. CLAIR	Y	0.03	CSO-T
2/8/2008	8:29	2/8/2008	9:41	1.2	8,892,000	LAKE ST. CLAIR	Y	0.08	CSO-T
2/9/2008	12:21	2/9/2008	20:40	1.6	17,664,000	LAKE ST. CLAIR	Y	0.26	CSO-T
2/17/2008	17:17	2/17/2008	23:41	3.8	30,898,752	LAKE ST. CLAIR	Y	0.57	CSO-T
2/18/2008	3:45	2/18/2008	16:43	2.05	18,215,500	LAKE ST. CLAIR	Y	0.04	CSO-T
3/3/2008	18:38	3/3/2008	23:16	1.6	13,412,335	LAKE ST. CLAIR	Y	0.46	CSO-T
4/1/2008	8:14	4/1/2008	8:58	0.73	8,103,503	LAKE ST. CLAIR	Y	0.45	CSO-T
6/28/2008	11:00	6/28/2008	13:13	3.37	26,600,455	LAKE ST. CLAIR	Y	2.32	CSO-T
7/3/2008	1:10	7/3/2008	2:49	1.7	12,226,500	LAKE ST. CLAIR	Y	1.42	CSO-T
9/13/2008	14:03	9/13/2008	23:08	5.25	50,355,500	LAKE ST. CLAIR	Y	2.34	CSO-T
9/14/2008	17:15	9/15/2008	20:06	2.8	35,843,500	LAKE ST. CLAIR	Y	0.83	CSO-T
11/15/2008	13:08	11/15/2008	17:04	2.05	22,632,000	LAKE ST. CLAIR	Y	2.54	CSO-T
12/9/2008	20:48	12/10/2008	7:30	10.9	9,752,000	LAKE ST. CLAIR	Y	0.59	CSO-T
12/27/2008	10:41	12/28/2008	17:17	9.25	82,699,000	LAKE ST. CLAIR	Y	0.5	CSO-T
<b>SubTotals for MILK RIVER RTB</b>				61.28	472,126,075			16.37	

Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipitation	Type	
<b>NEW BALTIMORE</b>										
	7/16/2008		18:00			LAKE ST. CLAIR	N		SSO	
<b>SubTotals for NEW BALTIMORE</b>										
<b>SOCSDS RTB</b>										
	1/9/2008	1:00	1/9/2008	8:12	7.2	75,000,000	RED RUN DRAIN	Y	1.1	CSO-T
	2/6/2008	2:38	2/6/2008	17:22	14.74	119,000,000	RED RUN DRAIN	Y	1.35	CSO-T
	2/17/2008	18:50	2/18/2008	5:05	10.15	87,600,000	RED RUN DRAIN	Y	0.6	CSO-T
	6/3/2008	21:42	6/3/2008	23:35	1.7	5,000,000	RED RUN DRAIN	Y	0.9	CSO-T
	7/3/2008	1:15	7/3/2008	8:10	4.7	34,500,000	RED RUN DRAIN	Y	1.2	CSO-T
	9/13/2008	13:50	9/15/2008	4:10	22.75	1,160,000,000	RED RUN DRAIN	Y	4.95	CSO-T
	12/27/2008	17:20	12/28/2008	17:05	23.75	228,000,000	RED RUN DRAIN	Y	0.65	CSO-T
<b>SubTotals for SOCSDS RTB</b>				84.99	1,709,100,000			10.75		
<b>WARREN</b>										
	1/9/2008	11:45	1/11/2008	16:00	52.25	30,000,000	RED RUN DRAIN	Y	1.68	BOF
	2/7/2008	0:30	2/7/2008	23:30	23	7,200,000	RED RUN DRAIN	Y	1.47	BOF
	2/18/2008	13:00	2/19/2008	3:00	15	8,100,000	RED RUN DRAIN	Y	0.42	BOF
	4/1/2008	17:55	4/2/2008	4:15	10.33	4,400,000	RED RUN DRAIN	Y	0.67	BOF
	9/14/2008	4:10	9/15/2008	20:25	40.25	35,800,000	RED RUN DRAIN	Y	4.27	BOF
	12/27/2008	18:45	12/30/2008	3:45	81	78,100,000	RED RUN DRAIN	Y	1.76	BOF
<b>SubTotals for WARREN</b>				221.83	163,600,000			10.27		
<b>Total all locations</b>				714.29	3,299,529,884					