

**Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates : 01/01/2014 through 12/16/2014**

Start	Start Time	End	End Time	Hours	Receiving Water	Volume (Gallons)	Meets NPDES	Precip Type
CENTERLINE								
05/28/2014	12:45 PM	05/28/2014	07:30 PM	8.75	Lorraine Drain	2,420,000	Y	2.86 SSO
08/11/2014	06:42 PM	08/12/2014	10:42 AM	16.00	Lorraine Drain	4,150,000	Y	4.74 SSO
Sub Totals for Centerline				24.75		6,570,000		
CHAPATON - 002								
08/11/2014	06:20 PM	08/12/2014	09:10 AM	14.80	Lake St. Clair	85,100,000	Y	3.36 CSO-T
Sub Totals for Chapaton - 002				14.80		85,100,000		
CHAPATON RTB								
01/11/2014	02:15 PM	01/11/2014	08:15 PM	6.00	Lake St. Clair	3,400,000	Y	1.11 Basin
05/15/2014	12:30 PM	05/15/2014	06:50 PM	6.30	Lake St. Clair	3,300,000	Y	1.12 Basin
05/28/2014	10:25 AM	05/29/2014	04:25 AM	18.00	Lake St. Clair	87,700,000	Y	3.65 Basin
07/27/2014	07:30 PM	07/28/2014	00:45 AM	5.30	Lake St. Clair	7,000,000	Y	1.50 Basin
08/04/2014	09:00 PM	08/05/2014	07:15 PM	11.75	Lake St. Clair	8,700,000	Y	3.76 Basin
08/11/2014	06:20 PM	08/12/2014	09:10 AM	14.80	Lake St. Clair	81,300,000	Y	3.36 Basin
09/01/2014	08:20 PM	09/02/2014	04:35 AM	8.30	Lake St. Clair	8,900,000	Y	1.28 Basin
09/10/2014	05:30 PM	09/10/2014	10:30 PM	5.00	Lake St. Clair	21,300,000	Y	1.29 Basin
11/24/2014	04:45 AM	11/24/2014	06:15 PM	13.50	Lake St. Clair	6,800,000	Y	1.20 Basin
Sub Totals for Chapaton Rtb				88.95		228,400,000		
CLINTON - BEACONSFIELD								
05/15/2014	11:55 AM	05/15/2014	12:55 PM	1.00	Clinton River	50,000	N	0.99 SSO
08/11/2014	06:46 PM	08/11/2014	11:43 PM	4.00	Clinton River	340,000	N	3.70 SSO
09/10/2014	05:11 PM	09/10/2014	05:41 PM	0.50	Clinton River	20,000	N	1.31 SSO
Sub Totals for Clinton - Beaconsfield				5.50		410,000		
CLINTON - GOLDEN								
08/11/2014	06:43 PM	08/12/2014	02:42 AM	5.37	Clinton River	670,000	N	3.70 SSO
Sub Totals for Clinton - Golden				5.37		670,000		
CLINTON - KING DRAIN								
08/11/2014	07:29 PM	08/12/2014	02:10 AM	3.47	Roseclihar Drain	150,000	N	3.70 SSO
Sub Totals for Clinton - King Drain				3.47		150,000		

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CLINTON - LITTLE MACK AND COLEMAN								
08/11/2014	09:30 PM	08/12/2014	02:00 AM	4.50	Clinton River	340,000	N	3.70 SSO
Sub Totals for Clinton - Little Mack And Coleman				4.50		340,000		
CLINTON - LITTLE MACK AND TULIO								
08/11/2014	07:01 PM	08/11/2014	09:07 PM	2.00	Clinton River	40,000	N	3.70 SSO
Sub Totals for Clinton - Little Mack And Tulio				2.00		40,000		
CLINTON - MULBERRY								
08/11/2014	08:15 PM	08/11/2014	08:45 PM	0.50	Clinton River	30,000	N	3.70 SSO
Sub Totals for Clinton - Mulberry				0.50		30,000		
CLINTON - N.NUNNELEY								
08/11/2014	07:31 PM	08/12/2014	01:02 AM	4.60	Clinton River	220,000	N	3.70 SSO
Sub Totals for Clinton - N.Nunneley				4.60		220,000		
CLINTON - RUTHERFORD								
05/15/2014	10:54 AM	05/05/2014	11:24 AM	0.50	Clinton River	20,000	N	0.99 SSO
08/11/2014	08:58 PM	08/11/2014	10:44 PM	1.50	Clinton River	60,000	N	3.70 SSO
12/13/2014	09:56 PM	12/14/2014	00:14 AM	3.20	Clinton River	10,000	N	SSO
Sub Totals for Clinton - Rutherford				5.20		90,000		
MARTIN RTB								
01/11/2014	12:45 PM	01/11/2014	11:45 PM	11.00	Lake St. Clair	23,000,000	Y	1.11 Basin
05/15/2014	11:20 AM	05/16/2014	01:00 AM	1.70	Lake St. Clair	34,200,000	Y	1.07 Basin
05/27/2014	08:17 PM	05/29/2014	05:20 AM	33.00	Lake St. Clair	74,700,000	Y	3.65 Basin
07/27/2014	07:35 PM	07/28/2014	03:30 AM	7.90	Lake St. Clair	19,100,000	Y	1.73 Basin
08/11/2014	07:00 PM	08/13/2014	01:45 AM	30.75	Lake St. Clair	12,140,000	Y	4.39 Basin
09/10/2014	05:50 PM	09/11/2014	01:19 AM	7.50	Lake St. Clair	18,300,000	Y	1.30 Basin
Sub Totals for Martin Rtb				91.85		181,440,000		
MILK RIVER RTB								
01/11/2014	08:02 AM	01/11/2014	05:23 PM	9.30	Lake St. Clair	27,263,710	Y	0.28 Basin
01/20/2014	02:54 AM	01/20/2014	01:08 PM	10.20	Lake St. Clair	10,300,000	N	Basin
02/21/2014	00:44 AM	02/21/2014	06:56 PM	18.20	Lake St. Clair	28,680,000	Y	0.90 Basin

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03/12/2014	00:03 AM	03/12/2014	02:04 PM	14.00	Lake St. Clair	15,000,000	Y	0.33 Basin
03/15/2014	04:14 AM	03/15/2014	04:41 AM	0.50	Lake St. Clair	5,400,000	Y	0 Basin
05/15/2014	04:10 AM	05/15/2014	03:17 PM	11.10	Lake St. Clair	35,100,000	Y	0.62 Basin
05/27/2014	06:49 PM	05/27/2014	07:52 PM	1.00	Lake St. Clair	26,750,000	Y	1.08 Basin
05/28/2014	09:52 AM	05/28/2014	11:16 PM	11.40	Lake St. Clair	132,300,000	Y	2 Basin
05/29/2014	08:25 AM	05/29/2014	03:59 PM	7.60	Lake St. Clair	6,840,000	Y	Basin
06/24/2014	05:15 PM	06/24/2014	06:02 PM	0.80	Lake St. Clair	12,500,000	Y	0.74 Basin
08/04/2014	05:55 PM	08/04/2014	07:50 PM	1.90	Lake St. Clair	11,300,000	Y	3.46 Basin
08/05/2014	09:57 AM	08/05/2014	11:11 AM	1.25	Lake St. Clair	9,140,000	Y	0.53 Basin
08/11/2014	03:36 PM	08/11/2014	09:09 PM	5.50	Lake St. Clair	115,600,000	Y	3.24 Basin
08/12/2014	00:41 AM	08/12/2014	01:53 AM	1.20	Lake St. Clair	8,900,000	Y	0.03 Basin
09/01/2014	07:30 PM	09/01/2014	08:58 PM	1.50	Lake St. Clair	30,300,000	Y	1.42 Basin
09/10/2014	03:44 PM	09/10/2014	09:20 PM	5.60	Lake St. Clair	31,000,000	Y	1.39 Basin
11/24/2014	02:41 AM	11/24/2014	01:27 PM	10.75	Lake St. Clair	9,050,000	Y	1.08 Basin
Sub Totals for Milk River Rtb				111.80		515,423,710		
MT. CLEMENS RTB								
05/14/2014	05:15 AM	05/17/2014	03:30 PM	68.75	Clinton River	34,100,000	Y	Basin
05/20/2014	09:00 AM	05/22/2014	08:00 AM	47.00	Clinton River	9,464,000	Y	Basin
05/28/2014	00:00 AM	05/29/2014	07:30 AM	31.50	Clinton River	1,778,000	Y	Basin
Sub Totals for Mt. Clemens Rtb				147.25		45,342,000		
SANG								
05/30/2014	12:00 PM	06/03/2014	12:00 PM	96.00	Lake St. Clair	5,537	Y	0.55 SSO
Sub Totals for Sang				96.00		5,537		
SOCSDS RTB								
01/11/2014	05:50 PM	01/11/2014	08:30 PM	2.80	Red Run Drain	4,400,000	Y	0.90 Basin
04/29/2014	11:28 AM	04/30/2014	06:05 AM	11.52	Red Run Drain	78,640,000	Y	1.60 Basin
05/27/2014	07:13 PM	05/28/2014	11:30 PM	15.15	Red Run Drain	189,600,000	Y	2.28 Basin
07/27/2014	06:45 PM	07/27/2014	10:16 PM	3.50	Red Run Drain	39,100,000	Y	1.50 Basin
08/02/2014	09:55 PM	08/02/2014	11:55 PM	2.00	Red Run Drain	11,700,000	Y	0.77 Basin
08/11/2014	05:37 PM	08/13/2014	01:45 AM	32.10	Red Run Drain	2,021,850,000	Y	5.52 Basin
09/10/2014	04:15 PM	09/10/2014	11:11 PM	7.00	Red Run Drain	96,110,000	Y	1.50 Basin
11/24/2014	01:32 AM	11/24/2014	12:45 PM	11.20	Red Run Drain	71,820,000	Y	1.19 Basin
Sub Totals for Socds Rtb				85.27		2,513,220,000		

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WARREN								
05/28/2014	07:03 PM	05/30/2014	02:25 PM	43.40	Red Run Drain	57,200,000	Y	2.97 Basin
08/12/2014	06:35 AM	08/14/2014	06:25 AM	47.50	Red Run Drain	85,100,000	Y	5.07 Basin
Sub Totals for Warren				90.90		142,300,000		
Total all locations				782.71		3,719,751,247		