

**Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates : 01/01/2016 through 12/31/2016**

Start	Start Time	End	End Time	Hours	Receiving Water	Volume (Gallons)	Meets NPDES	Precip Type
CENTER LINE								
07/08/2016	03:15 AM	07/08/2016	06:29 AM	3.30	Lorraine Drain	1,298,000	YES	2.18 SSO
08/16/2016	05:25 AM	08/16/2016	11:00 AM	5.60	Lorraine Drain	5,426,000	YES	2.26 SSO
Sub Totals for Center Line				8.90		6,724,000		
CHAPATON RTB								
02/24/2016	09:20 PM	02/25/2016	05:20 AM	0.00	Lake St. Clair	15,800,000	YES	1.42 Basin
03/14/2016	02:40 AM	03/14/2016	02:30 PM	0.00	Lake St. Clair	5,820,000	YES	1 Basin
03/24/2016	04:35 PM	01/01/1900	04:05 AM	0.00	Lake St. Clair	35,760,000	YES	1.73 Basin
03/28/2016	02:50 AM	03/28/2016	04:50 PM	0.00	Lake St. Clair	11,260,000	YES	1.16 Basin
03/31/2016	06:00 PM	04/01/2016	01:30 AM	0.00	Lake St. Clair	6,800,000	YES	0.82 Basin
07/08/2016	01:40 AM	07/08/2016	09:50 AM	0.00	Lake St. Clair	83,940,000	YES	3.08 Basin
08/16/2016	04:10 AM	08/16/2016	06:00 PM	13.80	Lake St. Clair	98,210,000	YES	2.77 Basin
09/29/2016	07:10 AM	10/02/2016	03:20 PM	0.00	Lake St. Clair	83,600,000	YES	4.25 Basin
Sub Totals for Chapaton Rtb				13.80		341,190,000		
CLINTON - GOLDEN								
08/16/2016	04:29 AM	08/16/2016	05:00 AM	0.50	Clinton River	50,000	NO	2.38 SSO
Sub Totals for Clinton - Golden				0.50		50,000		
CLINTON - NORTH (GARFIELD&CLINTON RIVER RD)								
12/26/2016	02:20 PM		03:30 PM	0.00	Clinton River	0	0	0 SSO
Sub Totals for Clinton - North (Garfield&Clinton River Rd)				0.00		0		
CLINTON - RUTHERFORD								
03/24/2016	06:02 PM	03/24/2016	06:32 PM	0.50	Clinton River	10,000	NO	1.71 SSO
Sub Totals for Clinton - Rutherford				0.50		10,000		
ELIZABETH SANITARY LINE- MT. CLEMENS								
08/25/2016	12:50 PM	08/25/2016	06:30 PM	6.30	Clinton River	90,000	YES	0 SSO
Sub Totals for Elizabeth Sanitary Line- Mt. Clemens				6.30		90,000		
INDUSTRIAL DR/23 MILE - MACOMB								
05/11/2016	05:00 PM	05/11/2016	06:10 PM	0.00	Gloede Drain	5,923	NO	0 SSO
Sub Totals for Industrial Dr/23 Mile - Macomb				0.00		5,923		

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MACOMB INTERCEPTOR DRAINAGE DISTRICT PUMP STATION #2

12/26/2016	02:20 PM	12/27/2016	09:20 AM	0.00	Clinton River	6,300,000	NO	0.34 SSO
Sub Totals for Macomb Interceptor Drainage District Pump Station #2				0.00		6,300,000		

MACOMB INTERCEPTOR DRAINAGE DISTRICT PUMP STATION #3

12/26/2016	02:20 PM	12/26/2016	08:55 AM	0.00	Clinton River	5,600,000	NO	0.34 SSO
Sub Totals for Macomb Interceptor Drainage District Pump Station #3				0.00		5,600,000		

MACOMB INTERCEPTOR DRAINAGE DISTRICT PUMP STATION #4

12/26/2016	03:30 PM	12/26/2016	08:50 PM	0.00	Harrington Drain	700,000	NO	0.34 SSO
Sub Totals for Macomb Interceptor Drainage District Pump Station #4				0.00		700,000		

MARTIN RTB

02/24/2016	09:20 PM	02/25/2016	05:20 AM	0.00	Lake St. Clair	15,800,000	YES	1.42 Basin
03/13/2016	11:25 PM	03/14/2016	06:18 AM	0.00	Lake St. Clair	10,000,000	YES	0.95 Basin
03/24/2016	04:04 PM	03/25/2016	02:00 PM	22.00	Lake St. Clair	49,400,000	YES	1.79 Basin
03/28/2016	02:30 AM	03/28/2016	10:10 PM	0.00	Lake St. Clair	48,500,000	YES	1.07 Basin
03/31/2016	09:10 PM	04/01/2016	05:00 AM	0.00	Lake St. Clair	16,000,000	YES	0.85 Basin
07/08/2016	03:05 AM	07/08/2016	12:00 PM	0.00	Lake St. Clair	3,270,000	YES	2.74 Basin
08/16/2016	04:55 AM	08/16/2016	01:55 PM	9.00	Lake St. Clair	37,000,000	YES	2.94 Basin
09/29/2016	07:40 AM	10/02/2016	07:45 AM	0.00	Lake St. Clair	104,300,000	YES	4.25 Basin
12/26/2016	06:57 PM	12/27/2016	01:01 AM	6.10	Lake St. Clair	20,100,000	YES	0.37 Basin
Sub Totals for Martin Rtb				37.10		304,370,000		

MILK RIVER RTB

02/24/2016	05:57 AM	02/25/2016	02:30 AM	0.00	Lake St. Clair	18,490,000	0	1.14 Basin
03/13/2016	05:57 PM	03/13/2016	11:27 PM	0.00	Lake St. Clair	13,710,000	0	0.87 Basin
03/24/2016	02:45 PM	03/24/2016	09:39 PM	6.90	Lake St. Clair	53,830,000	YES	0 Basin
03/28/2016	12:38 PM	03/28/2016	06:12 AM	0.00	Lake St. Clair	35,180,000	YES	0.43 Basin
03/31/2016	09:15 PM	03/31/2016	09:28 PM	0.00	Lake St. Clair	5,270,000	YES	0.65 Basin
07/06/2016	04:30 PM	07/06/2016	04:58 PM	0.00	Lake St. Clair	8,000,800	0	0.5 0
07/08/2016	02:00 AM	07/08/2016	08:21 AM	0.00	Lake St. Clair	94,980,000	YES	2.85 Basin
08/13/2016	03:07 AM	08/13/2016	06:33 PM	15.40	Lake St. Clair	9,290,000	YES	0 Basin
08/16/2016	03:55 AM	08/16/2016	03:30 PM	11.60	Lake St. Clair	91,060,000	YES	2.61 Basin
09/29/2016	06:40 AM	09/30/2016	05:54 AM	0.00	Lake St. Clair	92,400,000	YES	3.8 Basin

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12/26/2016				0.00	Lake St. Clair	0	0	0 0
12/26/2016	05:59 PM	12/26/2016	07:09 PM	0.00	Lake St. Clair	16,680,000	YES	0.41 Basin
Sub Totals for Milk River Rtb				33.90		438,890,800		

N. FOSTER BTWN 24 MILE & 25 MILE

03/01/2016	04:30 PM	03/01/2016	06:20 PM	2.10	Anchor Bay Direct Drainage	30,000	NO	0.19 SSO
Sub Totals for N. Foster btwn 24 Mile & 25 Mile				2.10		30,000		

SARNIA WATER TREATMENT PLANT

08/16/2016	05:39 AM			0.00	St. Clair River	0	0	0 CSO-T
Sub Totals for Sarnia Water Treatment Plant				0.00		0		

SOCSDS RTB-GEORGE W. KUHN

03/13/2016	10:32 PM	03/14/2016	04:50 AM	0.00	Red Run Drain	22,100,000	YES	0.9 Basin
03/24/2016	03:10 PM	03/25/2016	07:30 AM	16.30	Red Run Drain	149,000,000	YES	1.6 Basin
03/31/2016	08:48 PM	04/01/2016	03:20 AM	0.00	Red Run Drain	28,200,000	YES	0.9 Basin
07/08/2016	02:07 AM	07/08/2016	07:20 AM	0.00	Red Run Drain	183,300,000	YES	2.5 Basin
08/16/2016	04:03 AM	08/16/2016	11:00 AM	7.00	Red Run Drain	374,370,000	YES	2.4 Basin
08/27/2016	05:05 PM	01/27/1900	08:25 PM	3.30	Red Run Drain	29,310,000	YES	1.6 Basin
09/10/2016	07:47 AM	09/10/2016	10:00 AM	0.00	Red Run Drain	10,800,000	YES	1.3 Basin
09/29/2016	07:22 AM	10/01/2016	10:45 AM	39.50	Red Run Drain	735,700,000	YES	3.68 Basin
Sub Totals for SOCSDS Rtb-George W. Kuhn				66.10		1,532,780,000		

WARREN

03/29/2016	00:40 AM	03/29/2016	09:30 AM	0.00	Red Run Drain	440,000	YES	0.96 Basin
03/31/2016	06:45 PM	04/02/2016	11:45 AM	41.00	Red Run Drain	23,000,500	YES	3.5 Basin
07/08/2016	01:37 AM	07/08/2016	06:15 AM	0.00	Red Run Drain	2,200,000	NO	3.1 Basin
08/16/2016	03:31 AM	08/16/2016	07:00 AM	3.50	Red Run Drain	1,500,000	YES	2.83 SSO
09/29/2016	10:50 PM	10/03/2016	09:45 PM	70.90	Red Run Drain	53,150,000	YES	4.38 Basin
Sub Totals for Warren				115.40		80,290,500		

Total all locations	284.60	2,717,031,223
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