

**Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates : 01/01/2018 through 01/01/2019**

Start	Start Time	End	End Time	Hours	Receiving Water	Volume (Gallons)	Meets NPDES	Precip Type
CHAPATON RTB								
02/20/2018	04:00 AM	02/21/2018	06:05 PM	14.10	Lake St. Clair	74,900,000	YES	2.01 Basin
04/04/2018	00:30 AM	04/05/2018	03:20 AM	2.80	Lake St. Clair	17,300,000	YES	1 Basin
04/15/2018	09:30 AM	04/16/2018	06:20 AM	20.80	Lake St. Clair	78,100,000	YES	2.68 Basin
05/12/2018	04:35 AM	05/13/2018	12:45 PM	8.20	Lake St. Clair	100,800,000	YES	2.84 Basin
05/15/2018	05:15 AM	05/15/2018	03:55 PM	10.70	Lake St. Clair	8,800,000	YES	0.58 Basin
09/25/2018	09:40 PM	09/26/2018	04:20 AM	6.80	Lake St. Clair	29,500,000	YES	2.49 Basin
10/01/2018	11:45 AM	10/01/2018	04:50 PM	5.10	Lake St. Clair	21,400,000	YES	1.9 Basin
10/06/2018	12:00 PM	10/07/2018	03:50 AM	3.80	Lake St. Clair	15,400,000	YES	1.87 Basin
11/02/2018	04:30 AM	11/02/2018	09:05 AM	4.60	Lake St. Clair	3,800,000	YES	1.6 Basin
Sub Totals for Chapaton Rtb				76.90		350,000,000		
CLINTON - GOLDEN								
02/09/2018	03:21 PM	02/09/2018	03:51 PM	0.50	Clinton River	70,000	NO	0 SSO
Sub Totals for Clinton - Golden				0.50		70,000		
MARTIN RTB								
02/20/2018	00:40 AM	02/21/2018	02:30 AM	25.80	Lake St. Clair	153,300,000	YES	2.27 Basin
04/04/2018	00:00 AM	04/04/2018	08:43 AM	8.70	Lake St. Clair	9,900,000	YES	1.06 Basin
04/14/2018	02:00 PM	04/16/2018	05:45 PM	51.75	Lake St. Clair	133,400,000	YES	2.82 Basin
05/12/2018	04:55 AM	05/14/2018	00:32 AM	43.40	Lake St. Clair	128,500,000	YES	2.32 Basin
06/27/2018	05:50 PM	06/28/2018	00:17 AM	6.50	Lake St. Clair	12,700,000	YES	2 Basin
09/25/2018	10:20 PM	09/26/2018	05:27 AM	7.10	Lake St. Clair	18,300,000	YES	2.2 Basin
10/01/2018	12:05 PM	10/01/2018	09:27 PM	9.40	Lake St. Clair	27,300,000	YES	1.77 Basin
10/06/2018	12:25 PM	10/07/2018	07:24 AM	19.00	Lake St. Clair	48,900,000	YES	1.81 Basin
11/01/2018	10:20 PM	11/02/2018	01:43 PM	15.50	Lake St. Clair	31,200,000	YES	1.37 Basin
12/31/2018	07:50 PM	01/01/2019	08:50 AM	13.00	Lake St. Clair	33,000,000	YES	0.91 Basin
Sub Totals for Martin Rtb				200.15		596,500,000		
MILK RIVER RTB								
01/11/2018	11:05 AM	01/11/2018	05:52 PM	6.75	Lake St. Clair	10,590,000	YES	0.21 Basin
01/22/2018	06:10 PM	01/22/2018	06:31 PM	0.30	Lake St. Clair	6,810,000	YES	0.44 Basin
02/15/2018	07:20 PM	02/15/2018	08:00 PM	0.70	Lake St. Clair	3,220,000	YES	0.1 Basin
02/20/2018	01:42 PM	02/21/2018	12:03 PM	22.50	Lake St. Clair	21,860,000	YES	1.97 Basin
03/02/2018	03:40 AM	03/02/2018	03:58 AM	0.30	Lake St. Clair	11,580,000	YES	0.65 Basin
04/03/2018	10:32 PM	04/03/2018	11:25 PM	0.90	Lake St. Clair	19,002,000	YES	0.88 Basin
04/14/2018	12:20 PM	04/16/2018	11:35 AM	47.25	Lake St. Clair	120,260,000	YES	2.44 Basin

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05/04/2018	03:00 AM	05/05/2018	11:35 AM	32.50	Lake St. Clair	13,610,000	YES	1.04 Basin
05/12/2018	03:00 AM	05/12/2018	02:20 PM	11.70	Lake St. Clair	155,640,000	YES	2.87 Basin
05/15/2018	03:35 AM	05/15/2018	02:20 PM	10.75	Lake St. Clair	36,600,000	YES	0.7 Basin
06/03/2018	11:00 AM	06/03/2018	11:26 AM	0.40	Lake St. Clair	11,780,000	YES	0.86 Basin
09/25/2018	10:08 AM	09/25/2018	10:37 AM	0.50	Lake St. Clair	38,790,000	YES	2 Basin
10/01/2018	08:55 AM	10/02/2018	06:11 AM	21.50	Lake St. Clair	45,140,000	YES	2.16 Basin
10/06/2018	05:15 AM	10/07/2018	03:00 AM	22.75	Lake St. Clair	61,430,000	YES	1.92 Basin
11/01/2018	02:45 PM	11/02/2018	10:54 AM	20.20	Lake St. Clair	42,700,000	YES	2.36 Basin
12/31/2018	06:45 PM	12/31/2018	08:00 PM	1.25	Lake St. Clair	4,930,000	YES	0.97 Basin
Sub Totals for Milk River Rtb				200.25		603,942,000		

SOCSDS RTB-GEORGE W. KUHN

02/20/2018	04:05 AM	02/21/2018	10:30 PM	42.40	Red Run Drain	429,300,000	YES	1.8 Basin
04/04/2018	00:08 AM	04/04/2018	03:55 AM	3.75	Red Run Drain	8,100,000	YES	0.9 Basin
04/14/2018	03:57 PM	04/16/2018	04:00 PM	48.00	Red Run Drain	377,790,000	YES	2.7 Basin
05/12/2018	03:43 AM	05/13/2018	07:40 PM	40.00	Red Run Drain	533,900,000	YES	2.99 Basin
08/01/2018	02:32 AM	08/01/2018	07:15 AM	4.75	Red Run Drain	80,700,000	YES	1.1 Basin
09/25/2018	10:30 PM	09/26/2018	01:07 AM	2.60	Red Run Drain	20,310,000	YES	0.93 Basin
10/01/2018	10:37 AM	10/02/2018	05:22 PM	18.75	Red Run Drain	162,330,000	YES	1.89 Basin
10/06/2018	11:08 PM	10/07/2018	01:49 AM	2.70	Red Run Drain	13,950,000	YES	1.26 Basin
11/02/2018	04:02 AM	11/02/2008	08:05 AM	4.00	Red Run Drain	13,650,000	YES	1.06 Basin
12/31/2018	07:40 PM	01/01/2019	01:35 AM	6.00	Red Run Drain	27,990,000	YES	1.02 Basin
Sub Totals for SOCSDS Rtb-George W. Kuhn				172.95		1,668,020,000		

WARREN

02/20/2018	05:20 PM	02/23/2018	11:27 PM	78.10	Red Run Drain	91,600,000	YES	2.06 Basin
04/15/2018	08:29 PM	04/17/2018	07:30 PM	47.00	Red Run Drain	54,300,000	YES	2.65 Basin
05/12/2018	04:18 PM	05/15/2018	05:20 PM	73.00	Red Run Drain	71,580,000	0	2.49 Basin
08/08/2018	06:56 AM	08/08/2018	08:00 AM	1.00	Beaver Creek	100,000	NO	0 SSO
Sub Totals for Warren				199.10		217,580,000		

Total all locations	849.85	3,436,112,000
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