



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo				Page 1 of 9				Permit Number: IN0020711												
Facility: Waterloo Water Pollution Control				Public Notification Requirements Met? Y																
Monitoring Period: March 2019				Enter "x" if no CSO discharge occurred for the month:																
Design Peak Hourly Flow (MGD): 0.42				Design Average Flow (MGD): 0.369				Measured/Metered (M) or Estimated (E) must be specified												
WWTP Influent Data			Precipitation Data					CSO Outfall No. 101C			CSO Outfall No.									
Day of Month	Average Daily Flow (MGD)	Peak Hourly Flow (MGD)	Time Precip. Began (am/pm)	Precip. Duration (Hours)	Total Daily Precip. (Inches)	Peak Intensity (Inch/hr)	Measurement Interval (hr, 30 m, 15 m)	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1	0.28	0.53																		
2	0.27	0.54																		
3	0.27	0.54																		
4	0.27	0.63																		
5	0.24	0.56																		
6	0.22	0.46																		
7	0.20	0.53																		
8	0.20	0.56																		
9	0.30	0.95	4:17 PM	5.10	1.00	0.14	15 min													
10	0.60	0.77	3:17 AM	0.25	0.01	0.01	15 min													
11	0.52	0.76																		
12	0.52	0.95																		
13	0.83	0.46	9:01 AM	1.33	0.06	0.02	15 min													
14	0.59	1.16	4:07 AM	3.48	0.50	0.11	15 min													
15	0.63	0.76	9:22 AM	3.55	0.18	0.03	15 min													
16	0.58	0.74																		
17	0.54	0.77	1:37 PM	1.25	0.05	0.01	15 min													
18	0.53	0.82																		
19	0.51	0.74																		
20	0.60	1.02	12:52 PM	2.00	0.08	0.01	15 min													
21	0.52	1.00	12:59 AM	0.75	0.03	0.01	15 min													
22	0.28	0.59																		
23	0.25	0.64																		
24	0.25	0.59	7:56 PM	2.23	0.09	0.02	15 min													
25	0.31	0.71	1:27 AM	0.25	0.01	0.01	15 min													
26	0.26	0.56																		
27	0.24	0.53																		
28	0.24	0.58	3:45 AM	1.22	0.06	0.03	15 min													
29	0.27	0.57	2:16 AM	4.08	0.24	0.04	15 min													
30	0.57	0.75	11:59 PM	14.62	1.21	0.06	15 min													
31	0.64	0.75	12:31 PM	1.33	0.09	0.02	15 min	1:36 AM	M	22.00	M	1.515	M							
Totals:	12.50			41.44	3.61			1	Da ys	22.00		1.515		0	Da ys	0.00		0		
Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent													Telephone							
<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION; THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>																				
Signature of Principal Executive Officer or Authorized Agent													Date (mm/dd/yy)							



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 2 of 9					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? Y															
Monitoring Period: March 2019										Enter "x" if no CSO discharge occurred for the month:															
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 3 of 9					Permit Number: IN0020711									
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? Y														
Monitoring Period: March 2019										Enter "x" if no CSO discharge occurred for the month:														
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified														
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.					
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0	



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 4 of 9					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? Y															
Monitoring Period: March 2019										Enter "x" if no CSO discharge occurred for the month:															
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
31	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo							Page 5 of 9							Permit Number: IN0020711													
Facility: Waterloo Water Pollution Control							Public Notification Requirements Met? Y																				
Monitoring Period: March 2019							Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42							Design Flow (MGD): 0.369							Measured/Metered (M) or Estimated (E) must be specified													
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.								
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E			
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26																											
27																											
28																											
29																											
30																											
31																											
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0				



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo							Page 6 of 9							Permit Number: IN0020711													
Facility: Waterloo Water Pollution Control							Public Notification Requirements Met? Y																				
Monitoring Period: March 2019							Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42							Design Flow (MGD): 0.369							Measured/Metered (M) or Estimated (E) must be specified													
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.								
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E			
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26																											
27																											
28																											
29																											
30																											
31																											
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0				



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo							Page 7 of 9							Permit Number: IN0020711													
Facility: Waterloo Water Pollution Control							Public Notification Requirements Met? Y																				
Monitoring Period: March 2019							Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42							Design Flow (MGD): 0.369							Measured/Metered (M) or Estimated (E) must be specified													
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.								
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E			
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26																											
27																											
28																											
29																											
30																											
31																											
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0				



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo							Page 8 of 9							Permit Number: IN0020711													
Facility: Waterloo Water Pollution Control							Public Notification Requirements Met? Y																				
Monitoring Period: March 2019							Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42							Design Flow (MGD): 0.369							Measured/Metered (M) or Estimated (E) must be specified													
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.								
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E			
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26																											
27																											
28																											
29																											
30																											
31																											
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0				



**National Pollutant Discharge Elimination System (NPDES)
 CSO Monthly Report of Operation (CSO MRO)**
 State Form 50546 (R4 / 9-15)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo	Page: 9 of 9	Permit Number: IN0020711
Facility: Waterloo Water Pollution Control	Public Notification Requirements Met? Y	
Monitoring Period: March 2019	Enter "x" if no CSO discharge occurred for the month:	
Design Peak Hourly Flow (MGD): 0.42	Design Average Flow (MGD): 0.369	

Day of Month	Comments (further explanation as to why each CSO event occurred)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	CSO occurred due to saturated ground and rain/snow melt events

Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent	Telephone
David Bolton	260-908-3250
<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION; THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>	
Signature of Principal Executive Officer or Authorized Agent	Date (mm/dd/yy)
David Bolton	04/22/19