



**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: May 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	0.64	0.89	11:59 PM	2.28	0.48	0.14	15 min	12:01 AM	M	24.00	M	2.932							
2	0.69	0.89			0.80			12:01 AM	M	24.00	M	2.639							
3	1.30	0.81	2:38 PM	2.48	0.14	0.03	15 min	12:01 AM	M	24.00	M	2.25							
4	0.58	0.67						12:01 AM	M	24.00	M	0.378							
5	0.60	0.72						12:01 AM	M	24.00	M	0.132							
6	0.55	1.04						12:01 AM	M	3.00	M	0.008							
7	0.57	1.10																	
8	0.58	1.03																	
9	0.57	0.85	10:00 AM	2.18	0.37	0.20	15 min												
10	0.49	0.82																	
11	0.45	0.75	21:08 PM	1.75	0.07	0.01	15 min												
12	0.35	0.72	15:09 PM	2.45	0.15	0.04	15 min												
13	0.48	0.72	2:22 AM	4.47	0.30	.03	15 min												
14	0.36	0.60																	
15	0.31	0.58																	
16	0.32	0.76	21:34 PM	2.12	0.99	0.59	15 min												
17	0.69	0.88	12:20 AM	1.92	0.18	0.07	15 min												
18	0.64	0.75	23:59 PM	0.45	0.01	0.01	15 min												
19	0.56	0.78	12:41 PM	1.35	0.06	0.02	15 min												
20	0.54	1.16																	
21	0.49	0.78	9:38 AM	1.00	0.04	0.01	15 min												
22	0.64	0.81	5:39 AM	3.90	0.59	0.14	15 min												
23	0.65	0.88	5:13 AM	1.43	0.27	0.14	15 min												
24	0.62	0.82	9:01 AM	0.97	0.05	0.03	15 min												
25	0.53	0.75	14:40 pm	0.33	0.02	0.02	15 min												
26	0.54	0.75	5:13 AM	1.85	0.28	0.11	15 min												
27	0.51	0.78	17:39 pm	2.67	0.25	0.05	15 min												
28	0.45	0.66	4:00 AM	0.28	0.08	0.08	15 min												
29	0.37	0.61	7:30 AM	0.25	0.01	0.01	15 min												
30	0.33	0.59	5:29 AM	0.25	0.01	0.01	15 min												
31	0.26	0.53																	
Totals:	16.65			34.38	5.15			6	Da ys	123.00		8.339		0	Da ys	0.00		0	
Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent												Telephone							
David Bolton												260-908-3250							
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.																			
Signature of Principal Executive Officer or Authorized Agent												Date (mm/dd/yy)							
David Bolton												06/07/19							



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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	
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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	CSO occurred due to saturated ground and rain/snow melt events		
2	CSO occurred due to saturated ground and rain/snow melt events		
3	CSO occurred due to saturated ground and rain/snow melt events		
4	CSO occurred due to saturated ground and rain/snow melt events		
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Signature of Principal Executive Officer or Authorized Agent		Date (mm/dd/yy)	