

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

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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City:	Waterloo									Page 1	l of	9		Р	erm	it Number:	INC	0020711	
Facility:	Waterloo	Water Po	llution Cont	rol							Р	ublic Not	ific	ation Requi	rem	ents Met?	Υ		
Monitor	ing Period	:	March	2019							E	nter "x" if	no	CSO disch	arge	occurred	for 1	he month:	
Design	Peak Hour	ly Flow (N	IGD):	0.42	Design Ave	erage Flow	(MGD):	0.369		Measured/	Met	ered (M) o	or E	stimated (E	) m	ust be spec	ifie	d	
WWT	Influent	Data		Pre	ecipitation D	Data			C	SO Outfall	No.	101C			С	SO 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)	Measureme nt Interval (hr, 30 m, 15 m)	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharg e (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		22.00	М	1.515	М						
Totals:	12.50			41.44	3.61			1	Da ys	22.00		1.515		0	Da ys	0.00		0	
Typed o	r Printed N	Name and	Title of Prir	ncipal Exec	utive Office	er or Autho	rized Agent							Telephone					
LOCAT	VUNDER	DENALT	V OF LANG		DOCUMENT	T AND ALL	ATTACION	NITE WED	- 0-	EDADES !	INIT	ED MV D	DE.	CTION OF 1	SUID	EDVISION:	NI 4	CCODDAN	ICE

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)



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	Waterloo	Wa	ter Pollu	tion	Control											ifica			ents Met?					
	ing Period:			ırch	2019														discharge		curred fo	or th	e month:	
	Peak Flow (				0.42		Design FI	ow	(MGD):		0.369		Measured/l	Met										
		CS	O Outfall	No.				cs	O Outfall	No.					O Outfall						SO Outfall	No.		
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Day of		M or	Event Duration		Event Discharge		Discharge	M or	Event Duration	or	Event Discharge	or		M or	Event Duration	or	Event Discharge	or	Time Discharge	or		М_	Event Discharge	
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City:	Waterloo												Page 3	of	9		Pe	rm	it Number:	IN	0020711			
Facility:	Waterloo	Wa	ter Pollu	tio	n Control									Pυ	blic Notif	ica	tion Requir	em	ents Met?	Υ				
Monitor	ing Period:		Ма	ırch	2019										Ente	er "	x" if no C	30	discharge	00	curred f	or th	e month:	
Design	Peak Flow (	(Ηοι	ırly) (MG	D):	0.42		Design Fl	ow	(MGD):		0.369		Measured/	Met	ered (M) o	or E	stimated (I	) r	nust be spe	cifi	ed			
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Day of Month	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	Discharge	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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Monitor	ing Period:		Ma	arch	2019										Ente	er ":	x" if no C	so	discharge	ос	curred fo	r th	e month:	
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Day of	Time Discharge	M or	Event Duration	M	Event Discharge	M	Time Discharge	M or	Event Duration	M or	Event Discharge	M or	Time Discharge	M or	Event Duration	M or	Event Discharge	M	Time Discharge	M	Event Duration	м	Event Discharge	e M
Month	Began	Е	(Hours)	Е	(MG)	Е	Began	Е	(Hours)	E	(MG)	Е	Began	Е	(Hours)	Е	(MG)	Е	Began	Ε	(Hours)	or E	(MG)	or E
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Facility:	Waterloo	Wa	ter Pollu	tion	Control									Р	ublic Not	ifica	tion Requ	irem	ents Met?	Υ				
Monitor	ing Period:		Ма	ırch	2019										Ente	er ":	x" if no C	so	discharge	ос	curred fo	r th	e month:	
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Facility: Waterloo Water Pollution Control  Monitoring Period: March 2019  Design Peak Flow (Hourly) (MGD): 0.42  Design Peak Flow (Hourly) (MGD): 0.42  Design Flow (MGD): 0.369  Measured/Metered (M) or Estimated (E) must be specified  CSO Outfall No.	11	0020711	INC	nit Number	erm	F		q	R of	Page 8			•	MAGEME	. 1017	RONMENTAL	****	MENT OF E		IAINA DEI A		Waterloo	City:
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Design Peak Flow (Hourly) (MGD):	d for the month:	curred fo							•								Ī						
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City:	Waterloo				Page: 9 of 9	Permit Number: IN0020711
Facility:	Waterloo Water Pollu	tion Control			Public Notifica	ation Requirements Met? Y
Monitori	ng Period: N	March 2019			Enter "x" if no	CSO discharge occurred for the month:
Design F	Peak Hourly Flow (MG	D): 0.42	Design Average Flow (MGD):	0.369		
Design	ear flourly flow (MO	D). 0.42	besign Average Flow (MOD).	0.303		
Day or	0					
Month	Comments (furthe	er explanation as	to why each CSO event occurre	ea)		
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31	CSO occurred due to	saturated ground	and rain/snow melt events			
Typed o	r Printed Name and Ti	tle of Principal Exe	cutive Officer or Authorized Agent			Telephone
			David Bolton			260-908-3250
I CERTIF	Y UNDER PENALTY (	OF LAW THAT THIS		NTS WERE PR	REPARED UNDER MY DIREC	CTION OR SUPERVISION IN ACCORDANCE
WITH A	SYSTEM DESIGNED T	O ASSURE THAT	QUALIFIED PERSONNEL PROPERI	Y GATHER AN	ID EVALUATE THE INFORM	ATION SUBMITTED. BASED ON MY
						THE INFORMATION; THE INFORMATION
						THERE ARE SIGNIFICANT PENALTIES FOR
			THE POSSIBILITY OF FINE AND IN	NPRISONMENT	FOR KNOWING VIOLATION	
Signatur	e of Principal Executi	ve Officer or Autho	orizea Agent			Date (mm/dd/yy)
			David Bolton			04/22/19