



CITY OF CANTON

2 North Main, Canton, Illinois 61520 • Telephone (309) 647-1391

Joe Carruthers, Wastewater Treatment Plant Superintendent

April 8, 2020,

IL EPA – Bureau of Water
Compliance Assurance Section # 19
1021 N. Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

Permit # IL0027839

To Whom It May Concern,

The City of Canton's DMR's are now submitted electronically on a monthly basis. However, at times the permit requires additional information which cannot be submitted electronically. Please find attached with this notice the following;

NOTE * Permit Expired. Expiration date was June 30, 2016

As always, if you have any questions, please contact me at 309-647-1391

Sincerely,

Joseph R. Carruthers
Wastewater Superintendent
309-647-1391
309-224-7100

DMR Copy of Record

Permit					
Permit #:	IL0027839	Permittee:	CANTON, CITY OF	Facility:	CANTON WEST STP, CITY OF
Major:	Yes	Permittee Address:	2 NORTH MAIN ST CANTON, IL 61520	Facility Location:	350 WEST HICKORY STREET CANTON, IL 61520
Permitted Feature:	001 External Outfall	Discharge:	001-0 MAIN STP OUTFALL		
Report Dates & Status					
Monitoring Period:	From 03/01/20 to 03/31/20	DMR Due Date:	04/25/20	Status:	NetDMR Validated
Considerations for Form Completion					
DMF LOAD LIMITS DISPLAYED.					
Principal Executive Officer					
First Name:	Kent	Title:	Mayor	Telephone:	309-647-1391
Last Name:	Mcdowell				
No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	9.99	=	9.0	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MN WK AV	>=	5.0 DAILY MN	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI						=	7.7		7.8	12 - SJ	02/DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.0 MINIMUM		9.0 MAXIMUM	12 - SJ	02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.												
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	71.5	=	104.0	26 - lb/d	=	2.5	=	3.6	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	835.0 MO AVG	<=	1669.0 DAILY MX	26 - lb/d	<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI												
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	5.8	=	5.8	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	1.2	=	3.3	26 - lb/d	=	0.04	=	0.13	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	115.0 MO AVG	<=	236.0 DAILY MX	26 - lb/d	<=	1.7 MO AVG	<=	3.4 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI												
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.99	=	0.99	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.507	=	4.864	03 - MGD						99/99 - Continuous	
					Permit Req.											99/99 - Continuous	
					Value NODI												
50080	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									0.0	19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB
					Permit Req.									0.05 DAILY MX	19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB
					Value NODI												
60052	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	27.3	=	60.0	26 - lb/d	=	0.9	=	1.6	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	696.0 MO AVG	<=	1391.0 DAILY MX	26 - lb/d	<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI												

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
CANTON, CITY OF

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-04-08 08:40 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-04-08 08:51 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: IL0027839 | Permittee: CANTON, CITY OF | Facility: CANTON WEST STP, CITY OF
 Major: Yes | Permittee Address: 2 NORTH MAIN ST CANTON, IL 61520 | Facility Location: 350 WEST HICKORY STREET CANTON, IL 61520
 Permitted Feature: 002 External Outfall | Discharge: 002-0 MAIN PLANT TREATED CSO (>8.34 MGD AND FIRST FLUSH)

Report Dates & Status
 Monitoring Period: From 03/01/20 to 03/31/20 | DMR Due Date: 04/25/20 | Status: NetDMR Validated

Considerations for Form Completion
 NUMBER OF DAYS OF DISCHARGE:CS

Principal Executive Officer
 First Name: Kent | Title: Mayor | Telephone: 309-647-1391
 Last Name: McDowell

No Data Indicator (NOD)

Form NOD: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param	NOD	Quantity or Loading		Units	Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1		Qualifier 2	Value 2	Qualifier 3				Value 3
00310	5-day, 20 deg C	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD					Req Mon MO AVG		19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD			>=	6.0 MINIMUM			9.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD					Req Mon MO AVG		19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB	
50050	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD					<=	0.75 MO AVG		19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
74035	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD					<=	400.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging	GR - GRAB	
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD				Req Mon MO TOTAL	80 - Mgal/mo			DL/DS - Daily When Discharging	CN - CONTIN	

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

CANTON, CITY OF

User: CANTONWWTP
 Name: Joseph Carruthers
 E-Mail: jcarruthers@cantoncityhall.org
 Date/Time: 2020-04-08 08:41 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
 Name: Joseph Carruthers
 E-Mail: jcarruthers@cantoncityhall.org
 Date/Time: 2020-04-08 08:51 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	IL0027839	Permittee:	CANTON, CITY OF	Facility:	CANTON WEST STP, CITY OF
Major:	Yes	Permittee Address:	2 NORTH MAIN ST CANTON, IL 61520	Facility Location:	350 WEST HICKORY STREET CANTON, IL 61520
Permitted Feature:	003 External Outfall	Discharge:	003-0 CSO-STP BYPASS		

Report Dates & Status

Monitoring Period:	From 03/01/20 to 03/31/20	DMR Due Date:	04/25/20	Status:	NetDMR Validated
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Considerations for Form Completion

RECEIVING WATER.BIG CREEKCS

Principal Executive Officer

First Name:	Kent	Title:	Mayor	Telephone:	309-647-1391
Last Name:	Mcdowell				

No Data Indicator (NODI)

Form NODI: --

Parameter Code Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type									
				Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3				Units								
74071 Flow	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Opt Mon MO TOTAL 4K - #/mo															
						C - No Discharge															

Submission Note

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Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

CANTON, CITY OF

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2020-04-08 08:41 (Time Zone: -05:00)

Report Last Signed By

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2020-04-08 08:51 (Time Zone: -05:00)

DMR Copy of Record

Permit #: IL0027839	Permittee: CANTON, CITY OF	Facility: CANTON WEST STP, CITY OF
Major: Yes	Permittee Address: 2 NORTH MAIN ST CANTON, IL 61520	Facility Location: 350 WEST HICKORY STREET CANTON, IL 61520
Permitted Feature: 004 External Outfall	Discharge: 004-0 EAST PLANT TREATED CSO(0.8-5.4 MGD AND FIRST FLUSH)	
Report Dates & Status		
Monitoring Period: From 03/01/20 to 03/31/20	DMR Due Date: 04/25/20	Status: NetDMR Validated
Considerations for Form Completion		
NUMBER OF DAYS OF DISCHARGE CS		
Principal Executive Officer		
First Name: Kent	Title: Mayor	Telephone: 309-647-1391
Last Name: Mcdowell		

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1					Qualifier 2
00310	BOD, 5-day, 20 deg C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MO AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			>=	6.0 MINIMUM		<=	9.0 MAXIMUM	12 - SU	DL/DS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MO AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
50090	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<=	0.75 MO AVG	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						<=	400.0 DAILY MX	13 - #/100mL	DL/DS - Daily When Discharging	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MO TOTAL	80 - Mgal/mo		DL/DS - Daily When Discharging	CN - CONTIN

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

CANTON, CITY OF

User: CANTONWWTP
 Name: Joseph Carruthers
 E-Mail: jcarruthers@cantoncityhall.org
 Date/Time: 2020-04-08 08:42 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
 Name: Joseph Carruthers
 E-Mail: jcarruthers@cantoncityhall.org
 Date/Time: 2020-04-08 08:51 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	IL0027839	Permittee:	CANTON, CITY OF	Facility:	CANTON WEST STP, CITY OF
Major:	Yes	Permittee Address:	2 NORTH MAIN ST CANTON, IL 61520	Facility Location:	350 WEST HICKORY STREET CANTON, IL 61520
Permitted Feature:	INF Influent Structure	Discharge:	INF-L INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	From 03/01/20 to 03/31/20	DMR Due Date:	04/25/20	Status:	NetDMR Validated
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Considerations for Form Completion

CS

Principal Executive Officer

First Name:	Kent	Title:	Mayor	Telephone:	309-647-1391
Last Name:	Mcdowell				

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Units	Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2		Qualifier 1	Value 1	Qualifier 2			
00310	BOD 5-day, 20 deg C	G - Raw Sewage Influent 0	--		Sample					=	57.3		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.								19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI										
00530	Solids, total suspended	G - Raw Sewage Influent 0	--		Sample					=	147.0		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.								19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI										
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent 0	--		Sample	=	3.507	=	4.664					99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX 03 - MGD					99/99 - Continuous	
					Value NODI										

Submission Note

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Attachments

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Report Last Saved By

CANTON, CITY OF

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantontcityhall.org
Date/Time:	2020-04-08 08:49 (Time Zone: -05:00)

Report Last Signed By

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantontcityhall.org
Date/Time:	2020-04-08 08:51 (Time Zone: -05:00)