



CITY OF CANTON

2 North Main, Canton, Illinois 61520 • Telephone (309) 647-1391
Joe Carruthers, Wastewater Treatment Plant Superintendent

September 10, 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.

New permit was issued June 10, 2020

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

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 STP OUTFALL		
Report Dates & Status					
Monitoring Period:	From 08/01/20 to 08/31/20	DMR Due Date:	09/25/20	Status:	Not DMR 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	
		Mon	Moring	Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00300	Oxygen, dissolved [DO]	1 - Effluent	Gross	1	--	Sample Permit Req. Value NODI					=	8.6	=	6.4	=	8.0	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
											=	5.5 MO AV MN	=	4.0 MN WK AV	=	3.5 DAILY MN	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI					=	7.9	=		=	8.1	12 - SU	02/DA - 2 Days Every Week	GR - GRAB	
											=	6.0 MINIMUM	=		=	9.0 MAXIMUM	12 - SU	02/DA - 2 Days Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI	=	11.6	=	19.7	26 - lb/d	=	12	=	2.4	=	24.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
							<=	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
00600	Nitrogen, total [as N]	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI									=	7.8	19 - mg/L	01/30 - Monthly	CP - COMPOS	
																Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent	Gross	7	--	Sample Permit Req. Value NODI	=	0.9	=	3.2	26 - lb/d	=	0.09	=	0.32	=	3.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
							<=	97.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d	<=	14 MO AVG	<=	3.0 DAILY MX			19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI								=	2.8	=	2.8	19 - mg/L	01/30 - Monthly	CP - COMPOS
																Req Mon MO AVG	19 - mg/L	01/30 - Monthly	CP - COMPOS	
50050	Flow, in conduit or thru treatment plant	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI	=	1,264	=	2,095	03 - MGD								99/99 - Continuous	
								Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	
50060	Chlorine, total residual	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI								=	0.0	=	0.05 DAILY MX	19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB
																			CL/OC - Chlorination/Occurrences	GR - GRAB
74055	Coliform, fecal general	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI								=	3.0	=	400.0 DAILY MX	13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB
																		13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent	Gross	0	--	Sample Permit Req. Value NODI	=	3.9	=	9.6	26 - lb/d			=	0.4	=	0.8	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
							<=	606.0 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

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.

No errors.

Attachments

No attachments

Report Last Saved By

CANTON, CITY OF

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:43 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:44 (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:	002 External Outfall	Discharge:	002-0 MAIN PLANT TREATED CSO		
Report Dates & Status					
Monitoring Period:	From 08/01/20 to 08/31/20	DMR Due Date:	09/25/20	Status:	NetDMR Validated
Considerations for Form Completion					
NUMBER OF DAYS OF DISCHARGE: 05					
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			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon DAILY MX C - No Discharge	19 - mg/L	DLDS - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				>=	6.0 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge		12 - SU	DLDS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon DAILY MX C - No Discharge	19 - mg/L	DLDS - Daily When Discharging	GR - GRAB
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon MO AVG C - No Discharge			19 - mg/L	DLDS - Daily When Discharging	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.75 MO AVG C - No Discharge			19 - mg/L	DLDS - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									<=	400.0 DAILY MX C - No Discharge	13 - #/100mL	DLDS - Daily When Discharging	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon MO TOTAL 60 - Mgal/mo C - No Discharge							DLDS - Daily When Discharging	CN - CONTIN

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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

CANTONWWTP

Joseph Carruthers

jcarruthers@cantoncityhall.org

2020-09-10 07:28 (Time Zone: -05:00)

CANTONWWTP

Name:

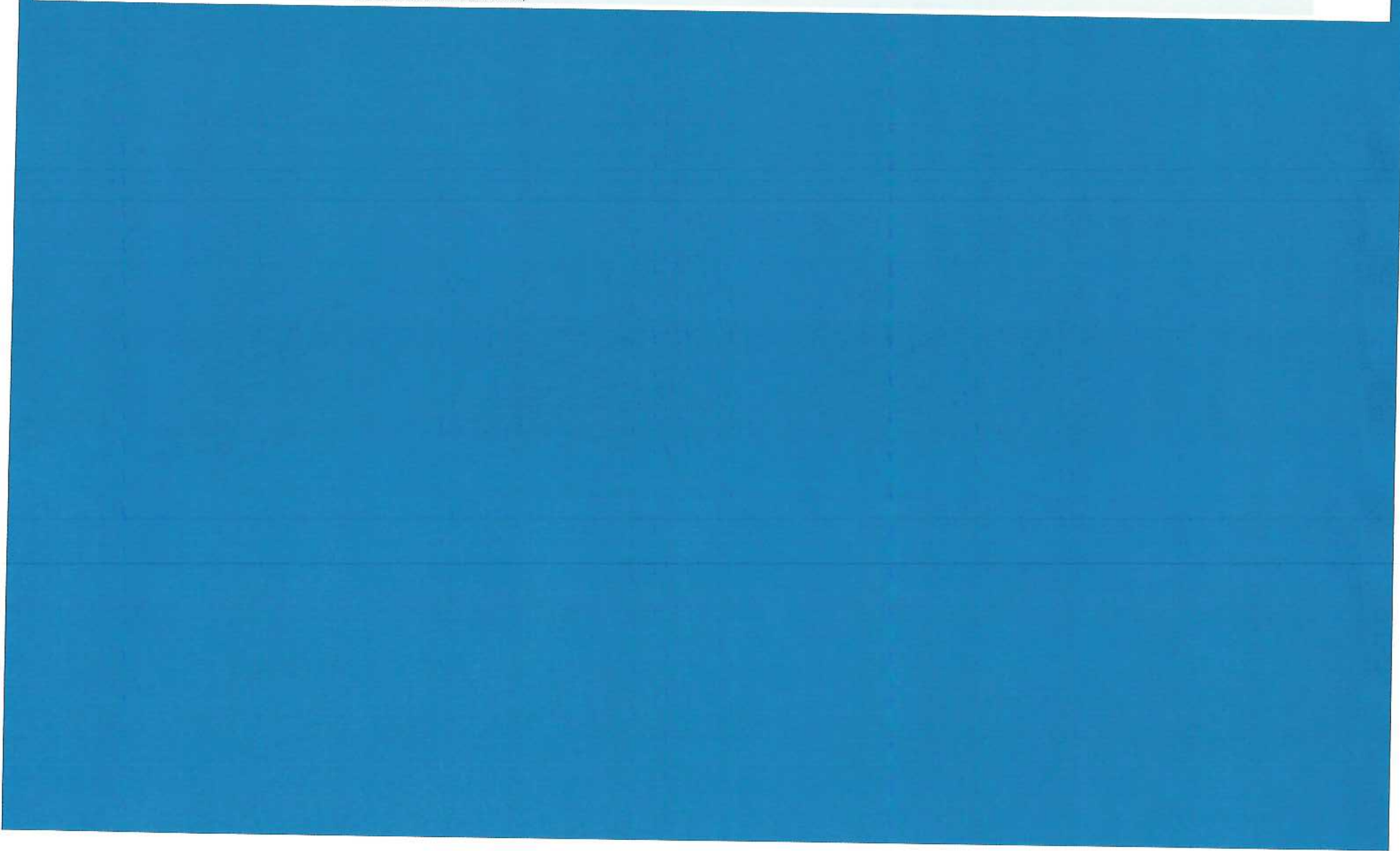
Joseph Carruthers

E-Mail:

jcarruthers@cantoncityhall.org

Date/Time:

2020-09-10 07:44 (Time Zone: -05:00)



DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period: From 08/01/20 to 08/31/20
DMR Due Date: 09/25/20
Status: NetDMR Validated

Considerations for Form Completion

RECEIVING WATER: MAUVAISTERRE CREEK. NUMBER OF DAYS OF DISCHARGE EFF 11/01/2015 THE GEO MEAN FOR OUTFALLS 002, 003, AND 004 SHALL NOT EXCEED A DAILY MAX VALUE OF 4.5 x 10¹¹ CFU/DAY MAY-OCTOBER

Principal Executive Officer

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

No Data Indicator (NOD)

Form NOD: --

Code	Parameter Name	Monitoring Location	Season	# Param.	NOD	Quantity or Loading		Units	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	Value 2	Qualifier 3	Value 3			
00310	BOD, 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
												C - No Discharge						
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
											C - No Discharge				C - No Discharge			
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
												C - No Discharge						
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD									<=	10.0 MAXIMUM	23 - %		
															C - No Discharge			
50060	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
												C - No Discharge						
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD							Req Mon GEO MEAN		Req Mon DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
												C - No Discharge		C - No Discharge				
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD							Req Mon MO TOTAL	60 - Mgal/mo				DL/DS - Daily When Discharging	CN - CONTIN
												C - No Discharge						

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

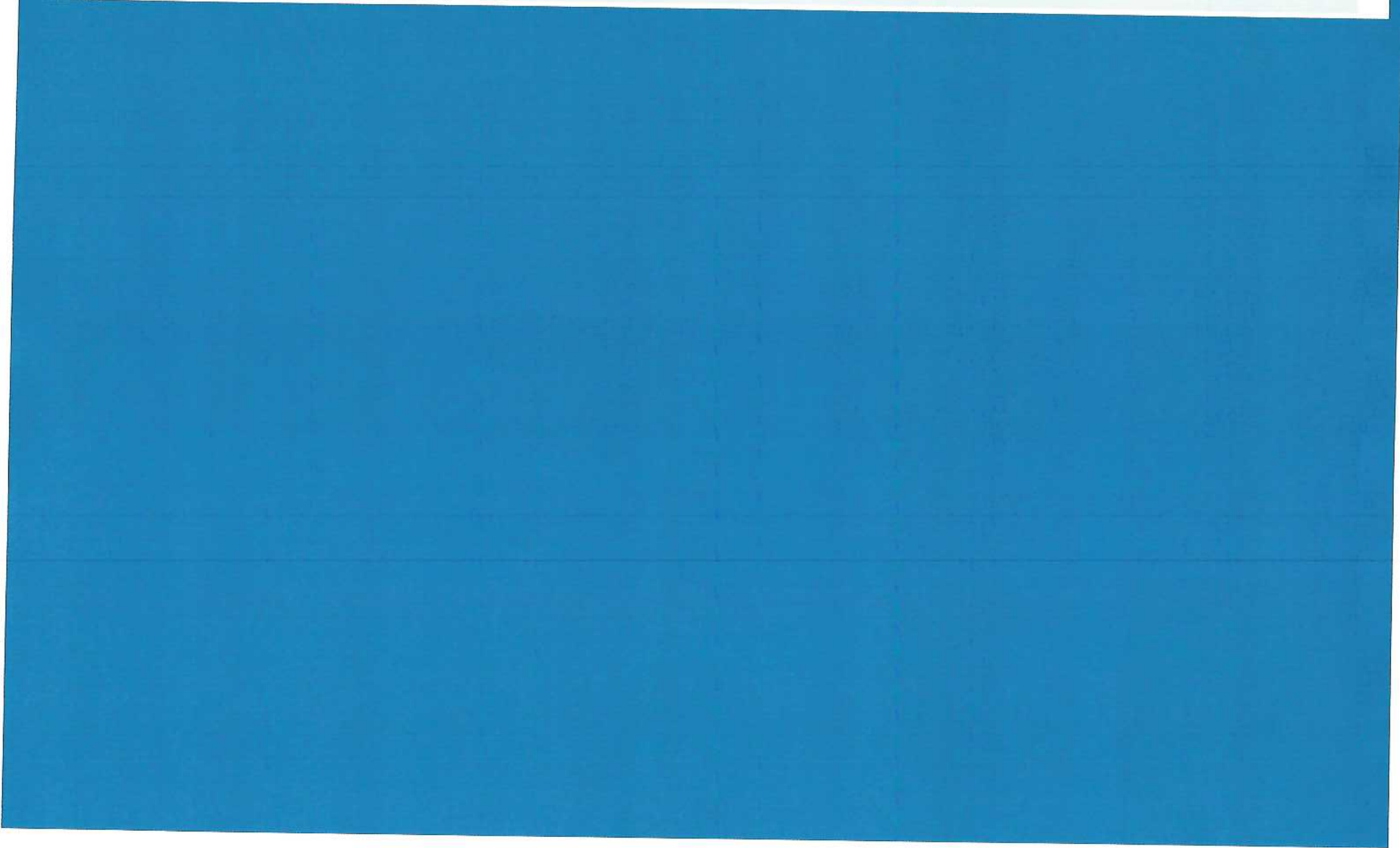
CANTON, CITY OF

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:27 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:44 (Time Zone: -05:00)



DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	IL0027839	Permittee Address:	CANTON, CITY OF	Facility Location:	CANTON WEST STP, CITY OF
Major:	Yes		2 NORTH MAIN ST		350 WEST HICKORY STREET
			CANTON, IL 61520		CANTON, IL 61520
Permitted Feature:	004 External Outfall	Discharge:	004-0 EAST PLANT TREATED CSO		
Report Dates & Status					
Monitoring Period:	From 08/01/20 to 08/31/20	DMR Due Date:	09/25/20	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						# 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					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon DAILY MX C - No Discharge	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					>=	6.0 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge	12 - SU	DL/DS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon DAILY MX C - No Discharge	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge	19 - mg/L	DL/DS - Daily When Discharging	GR - GRAB
50050	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.75 MO AVG C - No Discharge			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 C - No Discharge	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 C - No Discharge	80 - Mgal/mo	DL/DS - Daily When Discharging	CN - CONTIN

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:

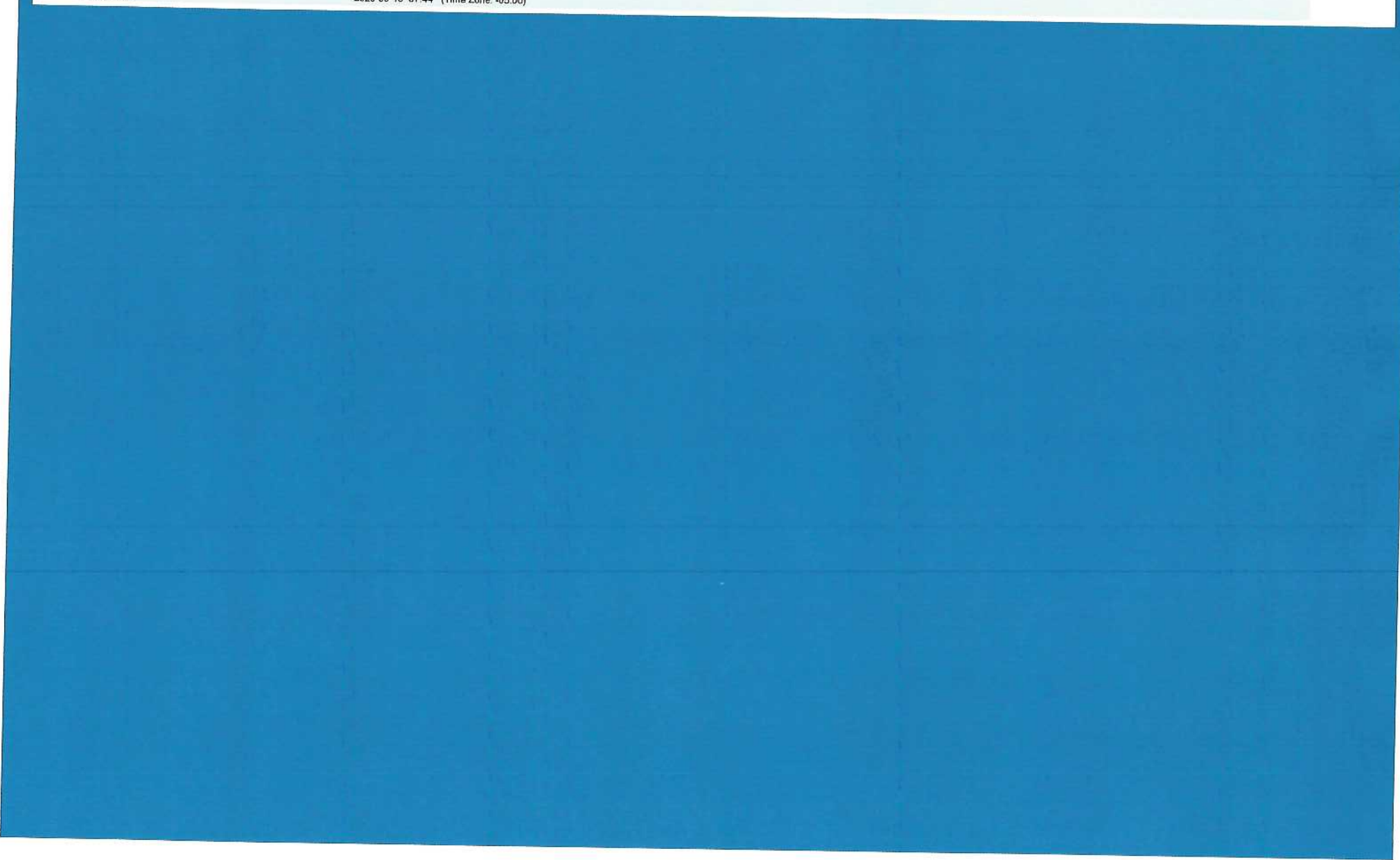
2020-09-10 07:26 (Time Zone: -05:00)

Report Last Signed By

User:

CANTONWWTP

Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:44 (Time Zone: -05:00)



DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period: From 08/01/20 to 08/31/20
DMR Due Date: 09/25/20
Status: Not DMR Validated

Considerations for Form Completion

CS

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season	# Param.	NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI												
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI												
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI		1.264		2.095	03 - MGD							
							Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							

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: 2020-09-10 07:24 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-09-10 07:44 (Time Zone: -05:00)