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** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 06/01/21 to 06/30/21**	**DMR Due Date:**	**07/25/21**	**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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	0	--	**Sample**								=	8.4	=	7.6	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															
00400	**pH**	1 - Effluent Gross	0	--	**Sample**						=	7.6			=	8.0	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	**Sample**	=	108.6	=	217.3	26 - lb/d			=	3.2	=	4.4	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**										=	3.6	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	5	--	**Sample**	=	19.0	=	77.1	26 - lb/d			=	0.5	=	1.56	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	97.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d			<=	1.4 MO AVG	<=	3.0 DAILY MX	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	**Sample**								=	1.1	=	1.1	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	**Sample**	=	4.294	=	7.177	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	**Sample**										=	0.0	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
					Value NODI															
74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	**Sample**										=	6.0	13 - #/100mL		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	**Sample**	=	49.4	=	98.2	26 - lb/d			=	1.5	=	2.5	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:	2021-07-13 08:14 (Time Zone: -05:00)

Report Last Signed By

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (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		

Report Dates & Status

Monitoring Period:	**From 06/01/21 to 06/30/21**	**DMR Due Date:**	**07/25/21**	**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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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**	1 - Effluent Gross	0	--	**Sample**										=	4.1	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	**Sample**						=	7.71			=	7.95	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	**Sample**										=	2.0	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	EG - Effluent Gross	0	--	**Sample**								=	0.37			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.									Req Mon MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	**Sample**								=	0.08			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.								<=	0.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	**Sample**										=	320.0	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Permit Req.										<=	400.0 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI															
82220	**Flow, total**	1 - Effluent Gross	0	--	**Sample**		=	0.536		80 - Mgal/mo									DL/DS - Daily When Discharging	CN - CONTIN
					Permit Req.			Req Mon MO TOTAL		80 - Mgal/mo									DL/DS - Daily When Discharging	CN - CONTIN
					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

002 Discharged for 2 days

Attachments

No attachments.

Report Last Saved By

CANTON, CITY OF

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (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

Discharge: **003-0** CSO-STP BYPASS

Facility: CANTON WEST STP, CITY OF

Facility Location: 350 WEST HICKORY STREET CANTON, IL 61520

Report Dates & Status

Monitoring Period: **From 06/01/21 to 06/30/21**

DMR Due Date: **07/25/21**

Status: **NetDMR Validated**

Considerations for Form Completion

RECEIVING WATER:MAUVAISTERRE CREEKNUMBER 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 10(11) CFU/DAY MAY-OCTOBER

Principal Executive Officer

First Name: Kent

Last Name: Mcdowell

Title: Mayor

Telephone: 309-647-1391

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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	1 - Effluent Gross	0	--		Sample Permit Req.								Req Mon MO AVG				19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
						Value NODI								C - No Discharge							
00400	pH	1 - Effluent Gross	0	--		Sample Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
						Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req.								Req Mon MO AVG				19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
						Value NODI								C - No Discharge							
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	--		Sample Permit Req.										<=	10.0 MAXIMUM	23 - %			
						Value NODI											C - No Discharge				
50060	Chlorine, total residual	1 - Effluent Gross	0	--		Sample Permit Req.									<=	0.75 MO AVG		19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
						Value NODI										C - No Discharge					
74055	Coliform, fecal general	1 - Effluent Gross	0	--		Sample Permit Req.								Req Mon GEO MEAN			Req Mon DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
						Value NODI								C - No Discharge			C - No Discharge				
82220	Flow, total	1 - Effluent Gross	0	--		Sample Permit Req.		Req Mon MO TOTAL		80 - Mgal/mo										DL/DS - Daily When Discharging	CN - CONTIN
						Value NODI		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: 2021-07-13 07:58 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (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 06/01/21 to 06/30/21**	**DMR Due Date:**	**07/25/21**	**Status:**	**NetDMR Validated**

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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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**							=	58.9				19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.								Req Mon MO AVG				19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	**Sample**							=	152.4				19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.								Req Mon MO AVG				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**	=	4.295	=	7.177	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					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:	2021-07-13 07:54 (Time Zone: -05:00)

Report Last Signed By

User:	CANTONWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (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:	004 External Outfall	**Discharge:**	**004-0** EAST PLANT TREATED CSO		

Report Dates & Status

Monitoring Period:	**From 06/01/21 to 06/30/21**	**DMR Due Date:**	**07/25/21**	**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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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**	1 - Effluent Gross	0	--	**Sample Permit Req.**											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00400	**pH**	1 - Effluent Gross	0	--	**Sample Permit Req.**						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	**Sample Permit Req.**											Req Mon DAILY MX	19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	**Sample Permit Req.**									Req Mon MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge						
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	**Sample Permit Req.**								<=	0.75 MO AVG			19 - mg/L		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI									C - No Discharge						
74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	**Sample Permit Req.**										<=	400.0 DAILY MX	13 - #/100mL		DL/DS - Daily When Discharging	GR - GRAB
					Value NODI											C - No Discharge				
82220	**Flow, total**	1 - Effluent Gross	0	--	**Sample Permit Req.**			Req Mon MO TOTAL	80 - Mgal/mo										DL/DS - Daily When Discharging	CN - CONTIN
					Value NODI			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:	2021-07-13 07:56 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2021-07-13 08:16 (Time Zone: -05:00)