

DMR Copy of Record

Permit

Permit #: IL0027839

Major: Yes

Permitted Feature: INF Influent Structure

Report Dates & Status

Monitoring Period: From 01/01/24 to 01/31/24

Considerations for Form Completion

W0570250003

Principal Executive Officer

First Name: Kent

Last Name: McDowell

No Data Indicator (NOD)

Form NOD: -

Permittee: CANTON CITY OF
2 NORTH MAIN ST
CANTON, IL 61520

Discharge: INF-L
INFLUENT MONITORING

DMR Due Date: 02/25/24

Status:

NetDMR Validated

Facility: CANTON WEST STP, CITY OF
360 WEST HICKORY STREET
CANTON, IL 61520

Telephone: 309-647-1391

Code	Parameter Name	Monitoring Location	Season # Param. NOD	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
				Qualifier 1	Value 1	Qualifier 2	Value 2			
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Sample Permit Req. Value NOD				48.3	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
				Sample Permit Req. Value NOD				Req Mon MO AVG	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	Sample Permit Req. Value NOD				55.6	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
				Sample Permit Req. Value NOD				Req Mon MO AVG	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	Sample Permit Req. Value NOD	3,267		6,432			9999 - Continuous
				Sample Permit Req. Value NOD	Req Mon MO AVG	Req Mon DAILY MX 03 - MGD				9999 - Continuous

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: CANTONWWMTF

Name: Joseph Carruthers

E-Mail: jccarruthers@cantoncityhall.org

Date/Time: 2024-02-12 08:01 (Time Zone: -06:00)

Report Last Signed By

User: CANTONWWMTF

Name: Joseph Carruthers

E-Mail: jccarruthers@cantoncityhall.org

Date/Time: 2024-02-12 09:00 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: IL0027839

Major: Yes

Permitted Feature:

004
External Outfall

Report Dates & Status

From 01/01/24 to 01/31/24

DMR Due Date:

02/25/24

Status:

NeIDMR Validated

Permittee:

CANTON, CITY OF
2 NORTH MAIN ST
CANTON, IL 61520

Facility:

CANTON WEST STP, CITY OF
350 WEST HICKORY STREET
CANTON, IL 61520

Discharge:

004-0
EAST PLANT TREATED CSO

Monitoring Period:

Considerations for Form Completion

W0570250003 : NUMBER OF DAYS OF DISCHARGE CS

Principal Executive Officer

First Name:

Kent

Last Name:

McDowell

No Date Indicator (NODI)

Form NODI:

Title:

Mayor

Telephone:

309-647-1391

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	Qualifier 1 Value 1	Qualifier 2 Value 2			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	Sample Permit Req. Value NODI				Req Mon DAILY MAX C - No Discharge	19 - mg/L	DJDS - 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		DJDS - Daily When Discharging GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	Sample Permit Req. Value NODI				Req Mon DAILY MAX C - No Discharge	19 - mg/L	DJDS - Daily When Discharging GR - GRAB
00810	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	Sample Permit Req. Value NODI				Req Mon MO AVG C - No Discharge	19 - mg/L	DJDS - 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	DJDS - Daily When Discharging GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	Sample Permit Req. Value NODI				<= 400.0 DAILY MAX C - No Discharge	13 - #/100mL	DJDS - Daily When Discharging GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon MO TOTAL, 80 - Mgal/mo C - No Discharge				DJDS - 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: CANTONMWTP
Name: Joseph Caruthers
E-Mail: jcaruthers@cantoncityhall.org
Date/Time: 2024-02-12 08:04 (Time Zone: -06:00)
Report Last Signed By
User: CANTONMWTP

Name:
E-Mail:
Date/Time:

Joseph Caruthers
jcaruthers@cantoncityhall.org
2024-02-12 09:00 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes

Permittee: CANTON, CITY OF
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 01/01/24 to 01/31/24

DMR Due Date:

02/25/24

Status:

NetDMR Validated

Considerations for Form Completion
W0570250003: 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(1) CF/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. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		19 - mg/L	DUDS - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>= 6.0 MINIMUM C - No Discharge	Req Mon MO AVG C - No Discharge	<= 9.0 MAXIMUM C - No Discharge	12 - SU	DUDS - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		19 - mg/L	DUDS - 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	DUDS - Daily When Discharging	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon MO TOTAL 80 - Mgal/mo C - No Discharge				DUDS - 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes

Permittee:
Permittee Address:

CANTON, CITY OF
2 NORTH MAIN ST
CANTON, IL 61520

Facility:
Facility Location:

CANTON WEST STP, CITY OF
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 01/01/24 to 01/31/24

DMR Due Date:

02/25/24

Status:

NetDMR Validated

Considerations for Form Completion

W0570250003 : NUMBER OF DAYS OF DISCHARGE: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	Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
				Sample Permit Req. Value NODI	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	-								
								Req Mon DAILY MX C - No Discharge	19 - mg/L		DL/D5 - Daily When Discharging	GR - GRAB
00400	pH	1 - Effluent Gross	0	-		>= 6.0 MINIMUM C - No Discharge		9.0 MAXIMUM C - No Discharge	12 - SU		DL/D5 - Daily When Discharging	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-				Req Mon DAILY MX C - No Discharge	19 - mg/L		DL/D5 - Daily When Discharging	GR - GRAB
00810	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	-				Req Mon MO AVG C - No Discharge	19 - mg/L		DL/D5 - Daily When Discharging	GR - GRAB
50080	Chlorine, total residual	1 - Effluent Gross	0	-		<= 0.75 MO AVG C - No Discharge			19 - mg/L		DL/D5 - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-				400.0 DAILY MX C - No Discharge	13 - #/100mL		DL/D5 - Daily When Discharging	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	-				Req Mon MO TOTAL 80 - Mgal/mo C - No Discharge			DL/D5 - 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

CANTONWWTP

Joseph Carnuthers

jcarnuthers@cantoncityhal.org

2024-02-12 08:07 (Time Zone: -06:00)

CANTONWWTP

Name:
E-Mail:
Date/Time:

Joseph Carruthers
jcarruthers@cantorchyhall.org
2024-02-12 09:00 (Time Zone -06:00)

DMR Copy of Record

Permit

Permit #: **IL0027839**
Major: **Yes**

Permitted Feature: **001
External Outfall**

Report Dates & Status: **From 01/01/24 to 01/31/24**

Monitoring Period: **W0570250003 : DMF LOAD LIMITS DISPLAYED.**

Principal Executive Officer

First Name: **Kent**
Last Name: **McDowell**

No Data Indicator (NODI)

Form NODI: **-**

Permittee: **CANTON, CITY OF
2 NORTH MAIN ST
CANTON, IL 61520**

Discharge: **001-0
STP OUTFALL**

DMR Due Date: **02/25/24**

Facility: **CANTON WEST STP, CITY OF
350 WEST HICKORY STREET
CANTON, IL 61520**

Status: **Not DMR Validated**

Title:

Mayor

Telephone:

309-647-1391

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	1	-	Sample Permit Req.					=	9.9	=	9.6	=	8.1	19 - mg/L	02DA - 2 Days Every Week GR - GRAB
					Value NODI					>=	5.5 MO AV MIN	>=	4.0 MN WK AV	>=	3.5 DAILY MIN	19 - mg/L	02DA - 2 Days Every Week GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.					=	7.7	=		=	7.8	12 - SU	02DA - 2 Days Every Week GR - GRAB
					Value NODI					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02DA - 2 Days Every Week GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.	58.2		209.3	26 - lb/d	=		=	15	=	4.8	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
					Value NODI					<=	835.0 MO AVG	<=	1659.0 DAILY MX	<=	24.0 DAILY MX	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample Permit Req.										3.8	19 - mg/L	0120 - Monthly CP - COMPOS
					Value NODI										Req Mon DAILY MX	19 - mg/L	0120 - Monthly CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample Permit Req.	6.6		51.1	26 - lb/d	=		=	0.28	=	2.15	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
					Value NODI					<=	118.0 MO AVG	<=	1.7 MO AVG	<=	3.4 DAILY MX	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req.										0.94	19 - mg/L	0120 - Monthly CP - COMPOS
					Value NODI										Req Mon MO AVG	19 - mg/L	0120 - Monthly CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	3.267		6.432	03 - MGD								9999 - Continuous 9999 - Continuous
					Value NODI										Req Mon DAILY MX 03 - MGD		
50080	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req.										0.0	19 - mg/L	CLOC - Chlorination/Occurrences GR - GRAB
					Value NODI										0.05 DAILY MX	19 - mg/L	CLOC - Chlorination/Occurrences GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req.	47.2		202.2	26 - lb/d	=		=	14	=	4.0	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS
					Value NODI					<=	695.0 MO AVG	<=	1391.0 DAILY MX	<=	20.0 DAILY MX	19 - mg/L	02DA - 2 Days Every Week CP - COMPOS

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

CANTON, CITY OF

User:

CANTONWMTF

Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2024-02-12 08:59 (Time Zone: -06:00)
Report Last Signed By	
User:	CANTONMWWTP
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2024-02-12 09:00 (Time Zone: -06:00)