

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: 001 External Outfall		Discharge: 001-0 STP OUTFALL			
Report Dates & Status Monitoring Period: From 10/01/22 to 10/31/22 Considerations for Form Completion W0570250003 : DMF LOAD LIMITS DISPLAYED. Principal Executive Officer		DMR Due Date: 11/25/22		Status: NetDMR Validated	
First Name: Kent Last Name: McDowell No Data Indicator (NODI)		Title: Mayor		Telephone: 309-647-1391	

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req.					=	9.2	=	8.7	=	8.4	=	3.5 DAILY MN	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
		Value NODI								>=	5.5 MO AV MN	>=	4.0 MN WK AV	>=					02/DA - 2 Days Every Week	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.					=	7.9				=	8.1		12 - SU	02/DA - 2 Days Every Week	GR - GRAB	
		Value NODI								>=	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.	32.7	=	97.7		26 - lb/d					=	9.2		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
		Value NODI				552.0 MO AVG	<=	1689.0 DAILY MX		26 - lb/d					<=	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.										=	6.4		19 - mg/L	01/30 - Monthly	CP - COMPOS	
		Value NODI														Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	CP - COMPOS	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	9	-	Sample Permit Req.	2.3	=	7.7		26 - lb/d					=	0.73		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
		Value NODI				104.0 MO AVG	<=	209.0 DAILY MX		26 - lb/d					<=	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.										=	2.6		19 - mg/L	01/30 - Monthly	CP - COMPOS	
		Value NODI														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.	121	=	2,779		03 - MGD									99/99 - Continuous		
		Value NODI				Req Mon MO AVG		Req Mon DAILY MX		03 - MGD									99/99 - Continuous		
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req.										=	0.0		19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB	
		Value NODI													<=	0.05 DAILY MX		19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB	
74055	Coliform, fecal general	1 - Effluent Gross	0	-	Sample Permit Req.										=	3.0		13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB	
		Value NODI													<=	400.0 DAILY MX		13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB	
80032	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req.	13.5	=	38.9		26 - lb/d					=	1.4		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
		Value NODI				656.0 MO AVG	<=	1391.0 DAILY MX		26 - lb/d					<=	10.0 MO AVG		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	

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:	CANTONMWT
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2022-11-16 10:28 (Time Zone: -06:00)
Report Last Signed By	
User:	CANTONMWT
Name:	Joseph Carruthers
E-Mail:	jcarruthers@cantoncityhall.org
Date/Time:	2022-11-16 10:30 (Time Zone: -06:00)

DMR Copy of Record

Permit #:		IL0027639		Permittee:		CANTON, CITY OF	
Major:		Yes		Permittee Address:		2 NORTH MAIN ST CANTON, IL 61520	
Permitted Feature:		001 External Outfall		Discharge:		001-S SEMI ANNUAL SAMPLING @ 001	
Report Dates & Status		Monitoring Period: From 05/01/22 to 10/31/22		DMR Due Date:		11/25/22	
Considerations for Form Completion		W0570250003		Status:		NeIDMR Validated	
Principal Executive Officer		Kent McDowell		Title:		Mayor	
First Name:		Kent		Telephone:		309-647-1391	
Last Name:		McDowell					
No Date Indicator (NODI)		-					
Form NODI:		-					
Code		Parameter Name		Monitoring Location		Season #	
00556		Oil & Grease		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Loading		Qualifier 1 Value 1	
				Qualifier 2 Value 2		Qualifier 1 Value 1	
				Qualifier 2 Value 2		Qualifier 3	
				Quality or Concentration		Value 3	
				5.2		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				<		GR - GRAB	
00720		Cyanide, total [as CN]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.005		28 - ug/L	
				Req Mon DAILY MX 28 - ug/L		09399 - See Permit	
				<		GR - GRAB	
00722		Cyanide, free [amenable to chlorination]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Loading		Qualifier 1 Value 1	
				Qualifier 2 Value 2		Qualifier 1 Value 1	
				Qualifier 2 Value 2		Qualifier 3	
				Quality or Concentration		Value 3	
				0.005		28 - ug/L	
				Req Mon DAILY MX 28 - ug/L		09399 - See Permit	
				<		GR - GRAB	
00951		Fluoride, total [as F]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.491		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01002		Arsenic, total [as As]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.0011		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01007		Barium, total [as Ba]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.04		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01027		Cadmium, total [as Cd]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.001		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				<		GR - GRAB	
01032		Chromium, hexavalent [as Cr]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.005		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01034		Chromium, total [as Cr]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.004		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01042		Copper, total [as Cu]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.003		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				<		GR - GRAB	
01045		Iron, total [as Fe]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.039		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01046		Iron, dissolved [as Fe]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.022		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				=		GR - GRAB	
01051		Lead, total [as Pb]		1 - Effluent Gross		0	
		Sample Permit Req. Value NODI		Quantity or Concentration		Unit	
				0.001		19 - mg/L	
				Req Mon DAILY MX 19 - mg/L		09399 - See Permit	
				<		GR - GRAB	

DMR Copy of Record

Permit

Permit #: IL0027839

Major: Yes

Permitted Feature: 002 External Outfall

Report Dates & Status

Monitoring Period: From 10/01/22 to 10/31/22

Considerations for Form Completion

W0570250003 : NUMBER OF DAYS OF DISCHARGE:CS

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 61520Discharge: 002-0
MAIN PLANT TREATED CSO

DMR Due Date: 11/25/22

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

Status:

NetIDMR Validated

Title: Mayor

Telephone:

309-647-1391

Code	Parameter Name	Monitoring Location	Season #	Perm. NODI	Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					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 NODI				Req Mon DAILY MX 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			Req Mon DAILY MX 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 MX C - No Discharge	19 - mg/L		DJDS - Daily When Discharging GR - GRAB
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	-								
					Sample Permit Req. Value NODI				Req Mon HO 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 HO AVG C - No Discharge				19 - mg/L		DJDS - Daily When Discharging GR - GRAB
74065	Coliform, fecal general	1 - Effluent Gross	0	-								
					Sample Permit Req. Value NODI					400.0 DAILY MX 13 - #/100mL C - No Discharge		DJDS - Daily When Discharging GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	-								
					Sample Permit Req. Value NODI	Req Mon HO TOTAL 80 - Mgalmo C - No Discharge						DJDS - Daily When Discharging CN - CONTN

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 Caruthers
jcaruthers@cantoncityhall.org
2022-11-16 09:15 (Time Zone: -06:00)
CANTONWWTP

Name:
E-Mail:
Date/Time:

Joseph Caruthers
jcaruthers@cantoncityhall.org
2022-1-16 10:30 (Time Zone: -08:00)

DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes

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

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

Permitted Feature: 003 External Outfall

Discharge: 003-D
CSO-STP BYPASS

Report Dates & Status

Monitoring Period: From 10/01/22 to 10/31/22

DMR Due Date: 11/25/22

Status:

Considerations for Form Completion

W0570250003 : RECEIVING WATERMAUVAISTERRE 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) CF/DAY MAY-OCTOBER

Principal Executive Officer

First Name: Kent
Last Name: McDowell
No Data Indicator (NODI):
Form NODI: -

Title:

Mayor

Telephone:

309-647-1391

NeIDMR Validated

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analyte	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00310	BOD, 5day, 20 deg. C	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.0 MINIMUM						DLDS - Daily When Discharging GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging GR - GRAB
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging GR - GRAB
50600	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								DLDS - Daily When Discharging CN - CONTN

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:

2022-11-16 09:14 (Time Zone: -06:00)

Report Last Signed By

CANTONWWTP

Name:
E-Mail:
Date/Time:

Joseph Canuthers
jcanuthers@cantoncityhall.org
2022-1-16 10:30 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: IL0027839

Major:

Yes

Permitted Feature:

004
External Outfall

Report Dates & Status

From 10/01/22 to 10/31/22

Monitoring Period:

Considerations for Form Completion
W0570250003 : NUMBER OF DAYS OF DISCHARGE/CS

Principal Executive Officer

First Name:

Kent

Last Name:

McDowell

No Data Indicator (NODI)

Form NODI:

Code

Parameter

Name

Monitoring Location

Season

Param. NODI

Sample

Permit Req.

Value NODI

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Unit

Qualifier 1

Value 1

Qualifier 2

Value 2

Permittee:

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

Discharge:

004-0
EAST PLANT TREATED CSO

DMR Due Date:

11/25/22

Status:

NeIDMR Validated

Title:

Mayor

Telephone:

309-647-1391

Facility:

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

Code	Parameter	Monitoring Location	Season	Param. NODI	Sample	Permit Req.	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Unit	Qualifier 1	Value 1	Qualifier 2	Value 2	Unit	Qualifier 1	Value 1	Qualifier 2	Value 2	Unit	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI																		
82220	Flow, total	1 - Effluent Gross	0	-	Sample	Permit Req.	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:

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:

CANTONWMTF
Joseph Caruthers
jcaruthers@cantoncityhall.org
2022-11-16 08:14 (Time Zone: -06:00)

CANTONWMTF

Name:
E-Mail:
Date/Time:

Joseph Carruthers
jcarruthers@cantoncityhall.org
2022-11-16 10:30 (Time Zone: -06:00)

