

DMR Copy of Record

Permit #: IL0027839

Major: Yes

Permitted Feature: 001 External Outfall

Report Dates & Status: From 09/01/23 to 09/30/23

Monitoring Period: From 09/01/23 to 09/30/23

Considerations for Form Completion: W0570250003 : DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer: Kent McDowell

First Name: Kent

Last Name: McDowell

Form NODI: -

Permittee: CANTON, CITY OF

Permittee Address: 2 NORTH MAIN ST
CANTON, IL 61520

Discharge: 001-0
STP OUTFALL

DMR Due Date: 10/25/23

Status: NotDMR Validated

Facility: CANTON WEST STP, CITY OF

Facility Location: 350 WEST HICKORY STREET
CANTON, IL 61520

Title: Mayor

Telephone: 309-647-1391

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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req.				=	Qualifier 1	7.88	Qualifier 2	7.88	Qualifier 3	7.5	19 - mg/L	02/DA - 2 Days Every Week	GR - GRAB	
				Value NODI					>=	5.5 MO AV MIN	>=	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.				=	Qualifier 1	8.0	Qualifier 2		Qualifier 3	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.	23.9		38.6	26 - lb/d		=	2.6			4.0	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
				Value NODI		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.						=				5.4	19 - mg/L	01/30 - Monthly	CP - COMPOS	
				Value NODI											Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS	
00610	Nitrogen, ammoniacal total [as N]	1 - Effluent Gross	8	-	Sample Permit Req.	1.6		4.1	26 - lb/d		=	0.17		0.46		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
				Value NODI		104.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d		<=	1.5 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.						=	2.9		2.9		19 - mg/L	01/30 - Monthly	CP - COMPOS	
				Value NODI										Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	1,191		1,725	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.						=			35.0		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	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req.	6.8		12.3	26 - lb/d		=	0.7		1.0		19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
				Value NODI		696.0 MO AVG	<=	1391.0 DAILY MX	26 - lb/d		<=	100 MO AVG	<=	20.0 DAILY MX		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:

Name:

E-Mail:

Date/Time:

CANTONWWTP

Joseph Carruthers

jcarruthers@cantoncityhall.org

2023-10-16 13:06 (Time Zone: -05:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

CANTONWWTP

Joseph Carruthers

jcarruthers@cantoncityhall.org

2023-10-16 13:06 (Time Zone: -05:00)

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 09/01/23 to 09/30/23

DMR Due Date: 10/25/23

Status: NotDMR Validated

Considerations for Form Completion

W0570250003 : 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:

-

Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req. Value NOD	Qualifier 1 Value 1	Qualifier 2 Value 2	Quantity or Loading Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Quality or Concentration 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	-												
Req Mon DAILY MX, 19 - mg/L C - No Discharge																
00400	pH	1 - Effluent Gross	0	-				>=	6.0 MINIMUM							
C - No Discharge																
00530	Solids, total suspended	1 - Effluent Gross	0	-												
Req Mon DAILY MX, 19 - mg/L C - No Discharge																
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	-												
Req Mon MO AVG C - No Discharge																
50060	Chlorine, total residual	1 - Effluent Gross	0	-												
Req Mon MO AVG C - No Discharge																
74055	Coliform, fecal general	1 - Effluent Gross	0	-												
Req Mon DAILY MX, 13 - #/100mL C - No Discharge																
82220	Flow, total	1 - Effluent Gross	0	-												
Req Mon MO TOTAL 80 - Mgal/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 Caruthers

E-Mail:

jcaruthers@cantoncityhall.org

Date/Time:

2023-10-16 13:00 (Time Zone: -05:00)

Report Last Signed By

User:

CANTONWWTP

Name:
E-Mail:
Date/Time:

Joseph Camuthers
jcamuthers@canhorcityhall.org
2023-10-16 13:06 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:

IL0027839

Major:

Yes

Permitted Feature:

003
External Outfall

Report Dates & Status

Monitoring Period:
From 09/01/23 to 09/30/23

Considerations for Form Completion

W057026003 - RECEIVING WATER/MAUVAISTERRE GREEKNUMBER 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

Form NOD:

-

Permittee:

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

Facility Location:

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

Discharge:

003-0
CSO-STP BYPASS

DMR Due Date:

10/25/23

Status:

NotDMR Validated

Title:

Mayor

Telephone:

309-647-1391

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	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. Value NODI							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		DLDS - 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		DLDS - Daily When Discharging	GR - GRAB
30500	Coliform, fecal - % samples exceeding limit	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							<= 10.0 MAXIMUM C - No Discharge			
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							<= 0.75 MO AVG C - No Discharge		DLDS - Daily When Discharging	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							Req Mon GEO MEAN C - No Discharge		DLDS - Daily When Discharging	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							Req Mon MO TOTAL, 80 - Megalino C - No Discharge		DLDS - Daily When Discharging	DN - 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:

2023-10-16 13:02 (Time Zone: -05:00)

Report Last Signed By

CANTONWWTP

User:

CANTONWWTP

Name:
E-Mail:
Date/Time:

Joseph Caruthers
jcaruthers@santocityhall.org
2023-10-16 13:06 (Time Zone: -05:00)

Permit #: IL0027839						Permittee: CANTON, CITY OF							
Major: Yes						Facility Location: 2 NORTH MAIN ST CANTON, IL 61520							
Permitted Feature: 004 External Outfall						Discharges: 004-0 EAST PLANT TREATED CSO							
Report Dates & Status						Status: NotDMR Validated							
Monitoring Period: From 09/01/23 to 09/30/23													
Considerations for Form Completion													
W0570250003 : NUMBER OF DAYS OF DISCHARGECS													
Principal Executive Officer													
First Name: Kent						Title: Mayor							
Last Name: McDowell						Telephone: 309-547-1391							
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	
00310	BOD, 5-day, 20 deg. C	-	1 - Effluent Gross	0	-	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	Units	D/LDS - Daily When Discharging GR - GRAB
						Req Mon DAILY MX 19 - mg/L C - No Discharge							
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	D/LDS - Daily When Discharging GR - GRAB	
00530	Solids, total suspended	-	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon DAILY MX 19 - mg/L C - No Discharge	D/LDS - Daily When Discharging GR - GRAB	
00610	Nitrogen, ammonia total [as N]	-	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon MD AVG C - No Discharge	19 - mg/L	D/LDS - 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	D/LDS - Daily When Discharging GR - GRAB	
74055	Coliform, fecal general	-	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	400.0 DAILY MX 13 - #/100mL C - No Discharge	D/LDS - 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	D/LDS - 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: jcaruthers@cantoncityhall.org													
Date/Time: 2023-10-16 13:03 (Time Zone: -05:00)													
Report Last Signed By													
CANTONWWTP													
User:													

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

Equal Check Errors
No errors.

Comments

Attachments

No attachments.

Report Last Saved By

CANTON, CITY OF

User:

Name: Joseph Carruthers

E-Mail: jcaruthers@cantorcityhall.org

Date/Time: 2023-10-16 13:03 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWMTF

Name:
E-Mail:
Date/Time:

Joseph Carruthers
jcarruthers@cantoncityhall.org
2023-10-16 13:06 (Time Zone: -05:00)

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 09/01/23 to 09/30/23	DMR Due Date:	10/25/23	Status:	NetDMR Validated					
Considerations for Form Completion	W0570250003									
Principal Executive Officer		Title:	Mayor	Telephone:	309-647-1391					
First Name:	Kent									
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	Qualifier 1 Value 1	Qualifier 2 Value 2	
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Sample Permit Req. Value NODI				=	79.4 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 NODI				=	274.5 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 NODI	1,191 Req Mon MO AVG	=	1,725 Req Mon DAILY MX 03 - MGD			9939 - Continuous 9939 - Continuous

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: jcarlmeers@canoncivlyhall.org

Date/TIME: 2023-10-16 13:00 (TIMEZONE: -05:00)

Report, Case signed by

OSCI.

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Date/Time: 2023 10 16 13:06 /Time Zone: 05:00

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