

DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes
Permitted Feature: 001
 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: 001-0
 STP OUTFALL

Report Dates & Status

Monitoring Period: From 09/01/20 to 09/30/20
DMR Due Date: 10/25/20
Status: NetDMR Validated

Considerations for Form Completion

DMF LOAD LIMITS DISPLAYED.

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	Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI						=	8.7	=	8.7	=	7.9	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	=		=	8.155	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	=	55.8	=	182.8	26 - lb/d			=	3.8	=	14.4	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										=	6.7	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	8	--	Sample Permit Req. Value NODI	=	2.4	=	7.3	26 - lb/d			=	0.19	=	0.59	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
						<=	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. Value NODI								=	1.5	=	1.5	19 - mg/L	01/30 - Monthly	CP - COMPOS	
																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. Value NODI	=	1.934	=	4.565	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	
													<=		<=		19 - mg/L	CL/OC - Chlorination/Occurrences	GR - GRAB	
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								=	13.0	=	13.0	13 - #/100mL	02/DA - 2 Days Every Week	GR - GRAB	
													<=	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. Value NODI	=	13.0	=	22.8	26 - lb/d			=	0.9	=	1.8	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS	
						<=	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	

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@cantontcityhall.org
Date/Time: 2020-10-08 09:15 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantontcityhall.org
Date/Time: 2020-10-08 09:17 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes
Permitted Feature: 002 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: 002-0
MAIN PLANT TREATED CSO

Report Dates & Status

Monitoring Period: From 09/01/20 to 09/30/20
DMR Due Date: 10/25/20
Status: NotDMR Validated

Considerations for Form Completion

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							# 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]	EG - 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
50060	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	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: 2020-10-08 08:57 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name:

Joseph Carruthers

E-Mail:

jcarruthers@cantoncityhall.org

Date/Time:

2020-10-08 09:17 (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 09/01/20 to 09/30/20
DMR Due Date: 10/25/20
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 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: -

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 MO AVG 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 MO AVG C - No Discharge		19 - mg/L	DL/DS - 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	23 - %		
50060	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									Req Mon GEO MEAN C - No Discharge	Req Mon 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 80 - Mgal/mo C - No Discharge					DL/DS - 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: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-10-08 08:56 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name:

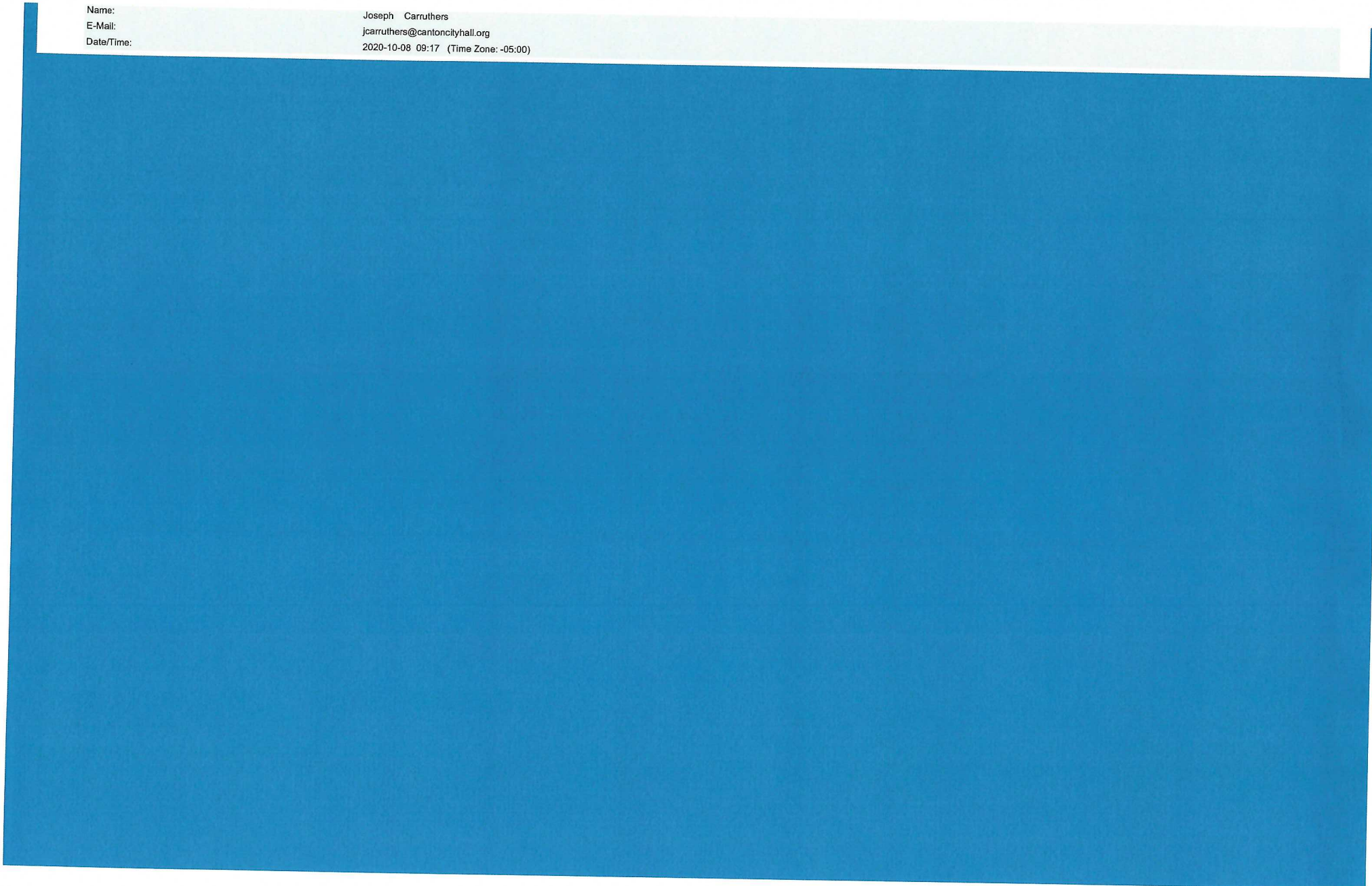
Joseph Carruthers

E-Mail:

jcarruthers@cantoncityhall.org

Date/Time:

2020-10-08 09:17 (Time Zone: -05:00)



DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes
Permitted Feature: 004 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: 004-0
 EAST PLANT TREATED CSO

Report Dates & Status

Monitoring Period: From 09/01/20 to 09/30/20
DMR Due Date: 10/25/20
Status: NetDMR Validated

Considerations for Form Completion

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	Sample Permit Req. Value NODI	Quantity or Loading			Units	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	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
50060	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 80 - Mgal/mo C - No Discharge								DL/DS - Daily When Discharging	CN - CONTIN

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

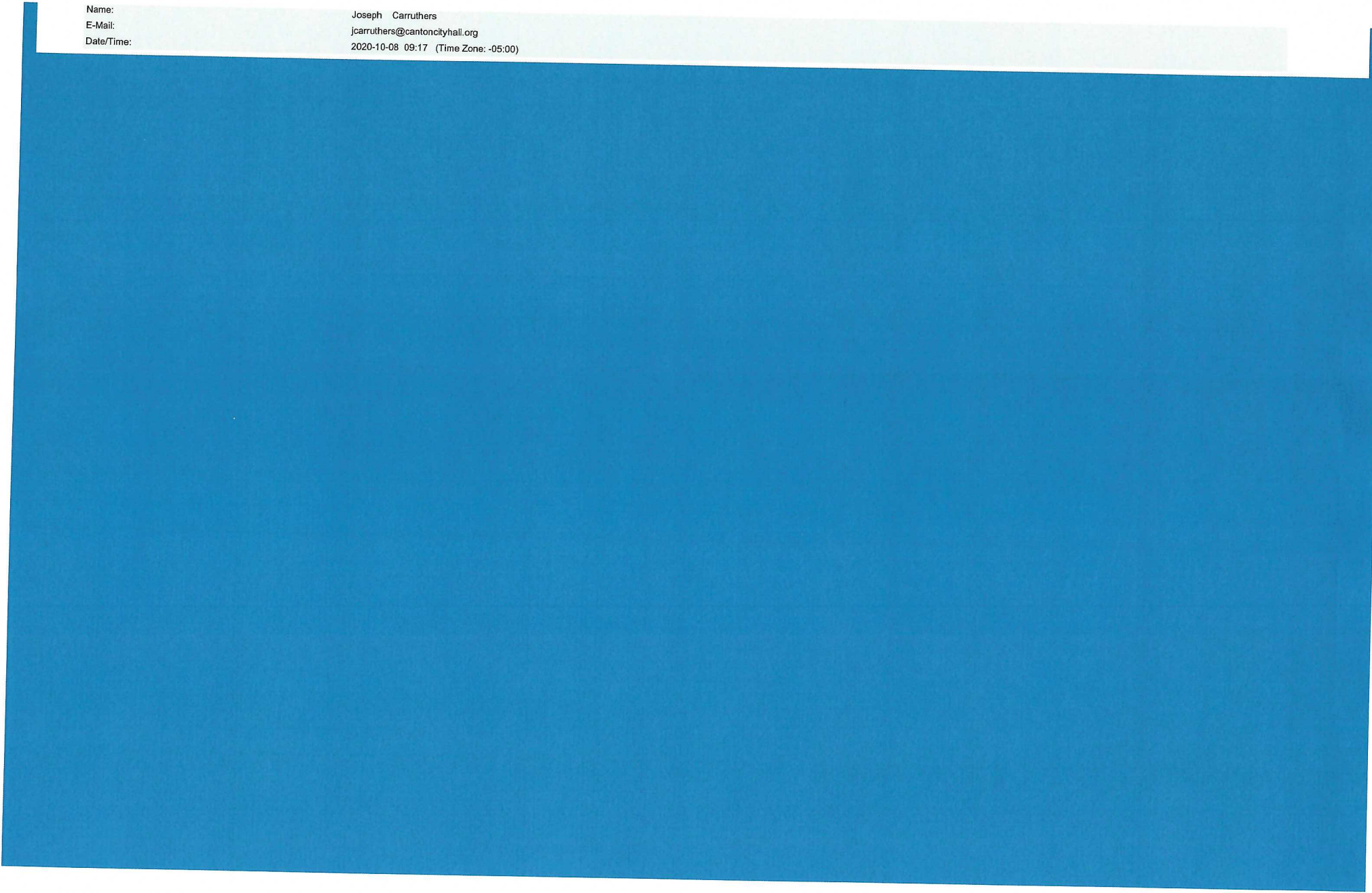
CANTON, CITY OF

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantontcityhall.org
Date/Time: 2020-10-08 08:56 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP

Name: Joseph Carruthers
E-Mail: jcarruthers@cantontcityhall.org
Date/Time: 2020-10-08 09:17 (Time Zone: -05:00)



DMR Copy of Record

Permit

Permit #: IL0027839
Major: Yes
Permitted Feature: INF Influent Structure
Report Dates & Status
Monitoring Period: From 09/01/20 to 09/30/20
Considerations for Form Completion
CS
Principal Executive Officer
First Name: Kent
Last Name: Mcdowell
No Data Indicator (NODI)
Form NODI: -

Permittee: CANTON, CITY OF
Permittee Address: 2 NORTH MAIN ST
CANTON, IL 61520
Discharge: INF-L
INFLUENT MONITORING
Facility: CANTON WEST STP, CITY OF
Facility Location: 350 WEST HICKORY STREET
CANTON, IL 61520
DMR Due Date: 10/25/20
Status: NetDMR Validated

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	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI					=	180.9				19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI					=	279.3				19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI	1.934		4.565	03 - MGD							99/99 - Continuous	
						Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							99/99 - 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: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-10-08 08:55 (Time Zone: -05:00)

Report Last Signed By

User: CANTONWWTP
Name: Joseph Carruthers
E-Mail: jcarruthers@cantoncityhall.org
Date/Time: 2020-10-08 09:17 (Time Zone: -05:00)