

1. 10:00 A.M. Sanitary Sewer Board Meeting

Documents:

[SANITARY BOARD AGENDA 05.18.2023.PDF](#)
[SEWER BOARD MINUTES.PDF](#)
[SEWER BOARD DOCKET.PDF](#)
[IN0020508_001A_MRO_2023_04.PDF](#)
[APRIL 2023 CHARLESTOWN WWT UTILITY REPORT.PDF](#)
[DMRSUBMISSION.PDF](#)

CITY OF CHARLESTOWN
SANITARY SEWER BOARD MEETING

May 18, 2023

10:00 A.M.

Agenda

1. Opening
 - a. Call to Order/Pledge of Allegiance
 - b. Roll Call – Determination of a Quorum
 - c. Approval of Agenda
2. Standing Business
 - a. Approval or Correction of Prior Meeting's Minutes from May 04, 2023
 - b. Current Claims
 - c. Payroll Allowance Docket from 04/30/2023-05/13/2023
3. Public Comment Period
4. Old Business
5. New Business
 - a. WWTP Operator Report
 - b. WWTP Engineering Report
6. Adjournment

SANITARY BOARD

May 4, 2023

10:00 A.M.

THE MEETING OF THE SANITARY BOARD FOR THE CITY OF CHARLESTOWN WAS HELD ON THURSDAY, MAY 4, 2023 AT 10:00 A.M. AT CITY HALL WITH MAYOR TREVA HODGES PRESIDING.

Board members present were Nathan Grimes and Ryan Hodskins. Also present were Clerk Treasurer Donna Coomer and Deputy Clerk Treasurer Heather Schrimp.

Pledge of Allegiance

Agenda

Treva Hodges entertained a motion to approve the agenda. Motion made by Ryan Hodskins, second by Nathan Grimes. Passed 3-0.

Standing Business

Mayor Treva Hodges presented the minutes from April 20, the payroll voucher from April 16 to April 29 and the claims. There was a correction on page 2 of the minutes to remove "Ryan" from the adjournment motion. Motion made by Nathan Grimes, second by Ryan Hodskins. Passed 3-0.

Public Comment-none

Operator Update

Lead Laborer Seth Eurton presented the operator report. The Highway 62 main replacement is complete. The flusher truck needed an emergency repair on the turbo. The price of the Diesel Brothers invoice is \$10,289.85.

Treva Hodges entertained a motion to approve the repair in the amount of \$10,289.85. Motion made by Nathan Grimes, second by Ryan Hodskins. Passed 3-0.

Pump #2 at the Highway 62 lift station needs repaired due to seal failure. No estimate is currently available. The transporter on the camera unit was repaired in-house for approximately \$700. Next month they will be focused on the removal of solids.

Engineering Update

Lori Wyatt with JTL presented an engineering update. The Highway 62 pump station is in the planning phase. There was a meeting with the Mayor to discuss the cost and construction phases. The Mayor noted that she had met with the Forest Edge Developers regarding coordinating the construction of phase 1 (the line that runs under Highway 62) with their development Highway

62. The approximate install date is Fall 2024, which will not negatively impact the timeline. The capacity fees for the development should cover the cost of the new line. Phase 2 is the construction of the actual lift station at an estimated cost of \$1.2 million. Phase 3 would be the force main to the new plant, which would occur once the new plant is completed.

Spring Street design is on hold pending further decisions. There are no updates regarding the IAW discharge location currently. The next item for the agreed order is the quarterly progress report for the second quarter. A draft of the Sanitary Sewer Service Area Alternatives report was emailed to Tim Crawford. They will review it with him and then present it to the Board.

The treatment plant is out for bid. The first advertisement was published on April 28 and another tomorrow. There is a mandatory pre-bid meeting on May 11 at City Hall. The final bids are due by 9:30am on June 15 and will be opened at the regular meeting on that day.

Adjournment

Treva Hodges entertained a motion to adjourn. Motion made by Ryan Hodskins, second by Nathan Grimes. Passed 3-0.

TREVA HODGES, MAYOR

DATE

ATTEST:

DONNA COOMER, CLERK TREASURER

DATE

Allowance Docket
 For check dates 04/30/2023 - 05/13/2023
 Selected Departments - Sewer
 Ordered by Employee Name

Pay Period	Employee Ending Number	Employee Name	Distribution Name	All Paytypes Except Overtime	Overtime Only
04/30/2023	898	Crawford, Timothy L.	Sewer Sal	\$1958.65	\$0.00
05/07/2023	898	Crawford, Timothy L.	Sewer Sal	\$1958.65	\$0.00
04/30/2023	897	Eurton, Seth M.	Sewer Sal	\$1050.00	\$0.00
05/07/2023	897	Eurton, Seth M.	Sewer Sal	\$1100.00	\$0.00
05/07/2023	897	Eurton, Seth M.	Sewer Sal OT	\$0.00	\$472.56
04/30/2023	328	Gomez, Dorothea	Sanit OT	\$0.00	\$52.96
04/30/2023	328	Gomez, Dorothea	Sanit Salaries	\$434.40	\$0.00
04/30/2023	328	Gomez, Dorothea	Sewer Sal	\$434.40	\$0.00
04/30/2023	328	Gomez, Dorothea	Sewer Sal OT	\$0.00	\$52.96
05/07/2023	328	Gomez, Dorothea	Sanit Salaries	\$434.40	\$0.00
05/07/2023	328	Gomez, Dorothea	Sewer Sal	\$434.40	\$0.00
04/30/2023	930	Kruer, Michael A.	Sewer Sal	\$960.00	\$0.00
05/07/2023	930	Kruer, Michael A.	Sewer Sal	\$960.00	\$0.00
04/30/2023	929	Murphy, Bobbi-Rei F.	Sanit OT	\$0.00	\$53.44
04/30/2023	929	Murphy, Bobbi-Rei F.	Sanit Salaries	\$380.00	\$0.00
04/30/2023	929	Murphy, Bobbi-Rei F.	Sewer Sal	\$380.00	\$0.00
04/30/2023	929	Murphy, Bobbi-Rei F.	Sewer Sal OT	\$0.00	\$53.44
05/07/2023	929	Murphy, Bobbi-Rei F.	Sanit Salaries	\$380.00	\$0.00
05/07/2023	929	Murphy, Bobbi-Rei F.	Sewer Sal	\$380.00	\$0.00
04/30/2023	363	Slaughter, Donald L	Sewer Sal	\$1100.00	\$0.00
04/30/2023	363	Slaughter, Donald L	Sewer Sal OT	\$0.00	\$295.35
05/07/2023	363	Slaughter, Donald L	Sewer Sal	\$1050.00	\$0.00
04/30/2023	906	Winslow, Joshua G.	Sewer Sal	\$1050.00	\$0.00
05/07/2023	906	Winslow, Joshua G.	Sewer Sal	\$1050.00	\$0.00

Allowance Docket

For check dates 04/30/2023 - 05/13/2023

Selected Departments - Sewer

Ordered by Employee Name

Page : 2

Date: 05/09/2023 04:10:34 PM

EMPDOCK.FRX

User ID: HEATHER

Pay Period	Employee Ending Number	Employee Name	Distribution Name	All Paytypes Except Overtime	Overtime Only
		Total		\$15494.90	\$980.71

I hereby certify that each of the above listed vouchers and the invoices or bills attached there to, are true and correct and I have audited same in accordance with IC5-11-10-1-6.

_____ Date

_____ Fiscal Officer

Allowance Of Accounts Payable Vouchers

City Of Charlestown

We have examined the Accounts Payable Vouchers listed on the foregoing Register of Accounts Payable Vouchers consisting of _____ pages and except for accounts payables not allowed as shown on the Register such accounts payables are hereby allowed in the total amount of \$ _____

Dated this _____ day of _____

Signatures of Governing Board



**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R9 / 12-22)

Name of Facility City of Charlestown			Permit Number IN0020508		
Month April	Year 2023	Plant Design Flow 2.2 mgd	Telephone Number 812-786-6594		
E-mail address: Wastewaterdirector@cityofcharlestown.com				001	A
Certified Operator: Name Timothy Crawford		Class V	Certificate Number WW013156	Expiration Date 6/30/2025	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" if Occurred)	Sanitary Sewer Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE									
				Precipitation - Inches 2.9			Chlorine - Lbs/day	Lbs/Day or Gal./Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs/day	Susp. Solids - mg/l	Susp. Solids - lbs/day	Phosphorus - mg/l	Ammonia - mg/l		
1	Sat			0.6						1.365									
2	Sun			0						1.218									
3	Mon			0						1.084	7.3	95	858.85	89	804.61	2.79	9.15		
4	Tue			0						1.102	7.5	73	670.92	94	863.92	3.21	14.9		
5	Wed			0						2.1	7.2	92	1611.3	31	542.93	2.82	15.3		
6	Thu			1						2.357	7.6	39	766.64	11	216.23	1.58	6.75		
7	Fri			0						1.501	7.4	46	575.84	23	287.92	1.45	2.25		
8	Sat			0						1.212									
9	Sun			0						0.974									
10	Mon			0						0.941	7.7	84	659.23	46	361.01	2.87	16		
11	Tue			0						0.874	7.5	116	845.54	97	707.05	3.76	15.4		
12	Wed			0						0.77	7.7	92	590.81	111	712.82	3.84	19		
13	Thu			0						0.78	7.6	104	676.54	66	429.34	5.16	11.9		
14	Fri			0						0.722	7.6	115	692.47	143	861.07	4.87	22.1		
15	Sat			0						0.709									
16	Sun			0						0.684									
17	Mon			0						0.63	7.6	175	919.49	94	493.89	4.84	27.3		
18	Tue			0						0.63	7.6	190	998.3	223	1171.7	5.41	19.2		
19	Wed			0						0.589	7.6	154	756.49	94	461.75	5.32	25		
20	Thu			0						0.606	7.6	191	965.32	143	722.73	5.91	31.4		
21	Fri			0						0.917	7.6	219	1674.9	383	2929.1	6.16	30.2		
22	Sat			0.5						0.636									
23	Sun			0						0.645									
24	Mon			0						0.577	7.7	261	1256	329	1583.2	6.02	21.8		
25	Tue			0						0.594	7.7	258	1278.1	186	921.44	6.38	34.1		
26	Wed			0						0.573	7.7	221	1056.1	106	506.55	6.56	28.8		
27	Thu			0						1.035	7.6	180	1553.7	54	466.12	6	30.3		
28	Fri			0.8						0.896	7.7	120	896.72	80	597.81	4.34	0.616		
29	Sat			0						0.656									
30	Sun			0															
Average										0.944			141.3	965.16	120.2	782.06	4.465	19.07	
Maximum										2.357	7.7	261	1674.9	383	2929.1	6.56	34.1		
Minimum										0.573	7.2	39	575.84	11	216.23	1.45	0.616		
# of Data										29	20	20	20	20	20	20	20	20	0

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Prepared by or under the direction of (Certified Operator):	Date (month, day, year)
	Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement)	Date (month, day, year)

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R9 / 12-22)

Name of Facility	Permit Number	For Month Of:	Year
City of Charlestown	IN0020508	April	2023

Day Of Month	PRIMARY EFFLUENT		AERATION						SECONDARY EFFLUENT		FINAL EFFLUENT								
	CBOD5 - mg/l	Susp. Solids - mg/l	MIXED LIQUOR				RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Residual Chlorine - Final	Residual Chlorine - Contact Tank	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Oil & Grease (mg/l)		
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG										Susp. Solids - mg/l	
1							2.107						3						
2							2.127												
3			66	4239	156	2.2	2.127	7556					7.5						
4			60	4176	144	1.2	2.339	5892					18.3	7.6					
5			55	3764	146	1.0	2.253	6240					7.4	7.6					
6			48	3205	150	3.3	2.239	8111					3.1	7.4					
7			51	3566	143	3.9	2.163	8893					166.4	7.4					
8							2.21						275.5						
9							2												
10			72	4955	145	2.3	2.139	7829						7.7					
11			72	4741	152	2.5	0.894	8517					2	7.6					
12			52	4070	128	2.7	2.076	23367					3	7.5					
13			69	5127	135	1.5	2.265	8400					1	7.7					
14			70	5227	134	2.4	2.286	7253					7.3	7.7					
15							2.272						5.2						
16							2.07												
17			76	5348	142	2.6	2.064	7878						7.8					
18			79	5597	141	3.6	2.211	7108					1	7.8					
19			81	5559	146	3.5	1.954	7422					2	7.8					
20			81	5974	136	3.0	2.14	7182					1	7.8					
21			80	5515	145	0.2	2.348	6805					1	7.8					
22							2.067						1						
23							2.02												
24			83	5738	145	3.1	2.088	8257						7.9					
25			78	5625	139	3.4	2.134	7260					2	7.9					
26			84	5750	146	3.7	2.137	8167					1	7.8					
27			81	5866	138	3.8	2.066	8443					1	7.9					
28			70	5052	139	3.8	2.23	10306					1	7.8					
29							1.902						76.3						
30																			
Avg.			70.4	4955	142.4	2.687	2.101	8544					4						
Max.			84	5974	155.7	3.86	2.348	23367					275.5	7.9					
Min.			48	3205	127.8	0.15	0.894	5892					1	7.4					
Daily Max													166						
# of Days above 235													1						
Data	0	0	20	20	20	20	0	29	20	0	0	0	0	0	0	21	20	0	0

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R9 / 12-22)

Name of Facility	Permit Number	For Month Of:	Year
City of Charlestown	IN0020508	April	2023

Day Of Month	Day of Week	FINAL EFFLUENT															
		Flow		BOD				Total Suspended Solids				Ammonia				Phosphorus	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs/day	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs/day	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs/day	Ammonia - lbs/day Weekly Average	Phosphorus - mg/l	Phosphorus - lbs/day
1	Sat	1.358															
2	Sun	1.152															
3	Mon	0.985		2		16.44		4		32.88		0.023		0.189		0.495 4.069	
4	Tue	1.031		10		86.04		1		8.604		0.329		2.831		0.472 4.061	
5	Wed	1.993		1		16.63		1		16.63		0.911		15.15		0.502 8.349	
6	Thu	2.26		1		18.86		1		18.86		1.9		35.83		0.556 10.49	
7	Fri	1.456		2		24.3		2		24.3		0.656		7.971		0.48 5.832	
8	Sat	1.159	1.4337		3.2	32.45		1.8		20.25		0.764		12.395			
9	Sun	0.927															
10	Mon	0.886		1		7.394		3		22.18		0.031		0.229		0.463 3.423	
11	Tue	0.814		1		6.793		1		6.793		0.038		0.258		0.401 2.724	
12	Wed	0.709		2		11.83		2		11.83		0.051		0.302		0.454 2.686	
13	Thu	0.73		2		12.18		5		30.46		0.084		0.512		0.576 3.509	
14	Fri	0.676		2		11.28		5		28.21		0.286		1.613		0.588 3.317	
15	Sat	0.673	0.7736		1.6	9.897		3.2		19.89		0.098		0.5828			
16	Sun	0.633															
17	Mon	0.598		2		9.981		5		24.95		0.719		3.588		0.638 3.184	
18	Tue	0.584		2		9.747		2		9.747		0.087		0.424		0.619 3.017	
19	Wed	0.536		2		8.946		3		13.42		0.015		0.067		0.493 2.205	
20	Thu	0.544		2		9.079		2		9.079		0.019		0.086		0.541 2.456	
21	Fri	0.877		2		14.64		2		14.64		0.015		0.11		0.667 4.881	
22	Sat	0.595	0.6239		2	10.48		2.8		14.37		0.171		0.855			
23	Sun	0.62															
24	Mon	0.558		2		9.313		2		9.313		0.016		0.075		0.854 3.977	
25	Tue	0.538		2		8.979		2		8.979		0.015		0.067		0.775 3.479	
26	Wed	0.566		1		4.723		2		9.447		0.015		0.071		0.731 3.453	
27	Thu	1.033		2		17.24		2		17.24		0.015		0.129		0.774 6.672	
28	Fri	0.825		1		6.885		4		27.54		0.026		0.179		0.984 6.774	
29	Sat	0.614	0.6791		1.6	9.428		2.4		14.5		0.017		0.1042			
30	Sun																
Avg		0.8941		2.1		15.56		2.6		17.25		0.263		3.484		0.603 4.428	
Max		2.26	1.4337	10	3.2	86.04	32.45	5	3.2	32.88	20.25	1.9	0.764	35.83	12.395	0.984 10.49	
Min		0.536	0.6239	1	1.6	4.723	9.428	1	1.8	6.793	14.37	0.015	0.017	0.067	0.1042	0.401 2.205	
Data		29	4	20	4	20	4	20	4	20	4	20	4	20	4	20	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 25.93
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			Percent Capacity
Tertiary Treatment	NA	NA			(actual flow/design) 41%
Overall Treatment	98.5	97.9	98.6	86.5	
Phosphorus limit would be 80 % removal. (compliance achieved)					

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R9 / 12-22)

Name of Facility	Permit Number	For Month Of:	Year
City of Charleston	IN0020508	April	2023

Day Of Month	SLUDGE TO DIGESTER		DIGESTER OPERATION											
	Primary Sludge Gal. x 1000	Waste Act. Sludge Gal. x 1000	Anaerobic Only			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000	0	
			pH	Gas Production Cubic Ft. x 1000	Temperature - F									
1		0												
2		0												
3		21												
4		17												
5		20												
6		23												
7		22												
8		0												
9		0												
10		19												
11		20												
12		17												
13		18												
14		18												
15		0												
16		0												
17		18												
18		19												
19		21												
20		21												
21		21												
22		0												
23		0												
24		23												
25		23												
26		22												
27		22												
28		23												
29		0												
30		0												
Avg.		13.6												
Max.		23												
Min.		0												
Data	0	30	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately & attached to the corresponding netDMR for submittal

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R9 / 12-22)

Name of Facility	Permit Number	For Month Of:	Year
City of Charlestown	IN0020508	April	2023

Substitute for State Form 30530

Day Of Month	Final Effluent																			
	Chloride		Total Nitrogen																	
	Chloride - mg/l	Chloride - lbs/day	Total Nitrogen- mg/l	Total Nitrogen- lbs/day																
1																				
2																				
3			2.54	20.87836																
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
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24																				
25																				
26																				
27																				
28																				
29																				
30																				
Avg			2.54	20.87836																
Max			2.54	20.87836																
Min			2.54	20.87836																
Data	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Charlestown WWT Utility

April 2023 Summary WWTP

April 16, 2023

Monthly Test Results

Parameter	Results	Permit Limit Requirements	
Average Daily Influent Flow	.894 monthly Avg. (MGD)	2.2 Design Avg. (MGD)	41 % of Capacity
TSS Effluent	2.6 monthly average (mg/l)	30 permit requirement (mg/l)	97.9 % Removal
CBOD Effluent	2.1 monthly average (mg/l)	40 permit requirement (mg/l)	98.5 % Removal
Ammonia Effluent	.263 monthly average (mg/l)	3.0 mg/l permit requirement	98.6 % Removal
Phosphorus Effluent	.603 monthly average (mg/l)	1.0 mg/l permit requirement	80.8% Removal
E.coli	4.0 Monthly geometric means	125 Monthly geometric permit requirement	

The facility operated well during the month of April. There were four (4) days with rainfall. The largest event during the month was April 6 with 1" total at the treatment facility. There were no overflow events during the month. The facility treatment process continues to be stable. Chemical continues to have less demand and are more constant/predictable.

Biosolids Removal:

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sep	Oct	Nov	De c	YTD
Tons/Disposed	79.1	108.1	73.48	111									371.63

The facility-maintained compliance with all parameters!

Collection System

Activity/tasks were performed during the month:

- There were 184 locates with 5 being emergency during the month of March.
- All Lift stations were inspected weekly during the month, with increased attention given to electrical conditions to control panels and pumps.
- A total of nine (4) rain events occurred during the month, The largest events were on April 6 at the WWTP. The total Rainfall for the month at the facility Was 2.90”.
- 1170’ liner feet main line was flushed during the month. An emergency repair was required on the flush truck during the month.
- 0’ linear feet main line footage was Televised during the month. The line camera malfunctioned during the month and was repaired in-house versus total replacement.

Managers Notes:

Operations continue to improve with increased emphasis on lift station/collection system improvements.

Training:

Seth Eurtan attended a pretreatment conference on April 5-6. This training was for pending pretreatment program development.

DMR Copy of Record

Permit			
Permit #:	IN0020508	Permittee:	CHARLESTOWN WASTEWATER TREATMENT PLANT
Major:	Yes	Permittee Address:	229 CHARLESTOWN LANDING RD OHIO RIVER 14 MILE CREEK CHARLESTOWN, IN 47111
Permitted Feature:	001 External Outfall	Discharge:	001-A CLASS III, 2.2 MGD WWTP TO OHIO RIVER/14 MILE CREEK
Facility:		Facility Location:	CHARLESTOWN MUNICIPAL WWTP 229 CHARLESTOWN LANDING RD OHIO RIVER 14 MILE CREEK CHARLESTOWN, IN 47111

Report Dates & Status			
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23
Status:	NetDMR Validated		

Considerations for Form Completion
 REPORT QUARTERLY PARAMETERS ON THE MAR, JUN, SEP, & DEC 001 AQ DMR FORMS. MUNICIPAL MAJOR CLARK COUNTY

Principal Executive Officer			
First Name:	Treva	Title:	Mayor
Last Name:	Hodges	Telephone:	812-256-3422

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	
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.4			=	7.9	12 - SU	0	05/WK - Five Per Week	GR - GRAB	
					Permit Req.					>=	6.0 DAILY MN			<=	9.0 DAILY MX	12 - SU		05/WK - Five Per Week	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	17.25	=	20.25	26 - lb/d			=	2.6	=	3.2	19 - mg/L	0	05/WK - Five Per Week	24 - COMP24
					Permit Req.	<=	551.0 MO AVG	<=	826.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		05/WK - Five Per Week	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=	20.88			26 - lb/d			=	2.54			19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.		Req Mon MO AVG			26 - lb/d				Req Mon MO AVG			19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	3.484	=	12.395	26 - lb/d			=	0.263	=	0.764	19 - mg/L	0	05/WK - Five Per Week	24 - COMP24
					Permit Req.	<=	171.0 MO AVG	<=	257.0 MX WK AV	26 - lb/d			<=	9.3 MO AVG	<=	14.0 MX WK AV	19 - mg/L		05/WK - Five Per Week	24 - COMP24
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample			=	14.54	26 - lb/d					=	1.77	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.				Req Mon MX WK AV	26 - lb/d				Req Mon MX WK AV	19 - mg/L	01/30 - Monthly	24 - COMP24			
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample			=	6.317	26 - lb/d					=	0.769	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.				Req Mon MX WK AV	26 - lb/d				Req Mon MX WK AV	19 - mg/L	01/30 - Monthly	24 - COMP24			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	4.428			26 - lb/d			=	0.603			19 - mg/L	0	05/WK - Five Per Week	24 - COMP24
					Permit Req.		Req Mon MO AVG			26 - lb/d			<=	1.0 MO AVG			19 - mg/L		05/WK - Five Per Week	24 - COMP24
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.894			03 - MGD								0	05/WK - Five Per Week	TM - TOTALZ
					Permit Req.		Req Mon MO AVG			03 - MGD							05/WK - Five Per Week		TM - TOTALZ	
					Value NODI															
51041	E. coli, colony forming units [CFU]	1 - Effluent Gross	0	--	Sample							=	4.0	=	166.0	3Z - CFU/100mL	0	05/WK - Five Per Week	GR - GRAB	
					Permit Req.							<=	125.0 MO GEO	<=	235.0 DAILY MX	3Z - CFU/100mL		05/WK - Five Per Week	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	15.56	=	32.45	26 - lb/d			=	2.1	=	3.2	19 - mg/L	0	05/WK - Five Per Week	24 - COMP24
					Permit Req.	<=	459.0 MO AVG	<=	734.0 MX WK AV	26 - lb/d			<=	25.0 MO AVG	<=	40.0 MX WK AV	19 - mg/L		05/WK - Five Per Week	24 - COMP24
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	25.93	80 - Mgal/mo								0	01/30 - Monthly	RT - RCOTOT
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo							01/30 - Monthly		RT - RCOTOT	
					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

Name	Type	Size
IN0020508_001a_mro_2023_04.pdf	pdf	347134.0

Report Last Saved By

CHARLESTOWN WASTEWATER TREATMENT PLANT

User: CRAWFORD324
Name: Timothy Crawford
E-Mail: timcrawford324@gmail.com
Date/Time: 2023-05-15 12:55 (Time Zone: -04:00)

Report Last Signed By

User: CRAWFORD324
Name: Timothy Crawford
E-Mail: timcrawford324@gmail.com
Date/Time: 2023-05-15 12:55 (Time Zone: -04:00)