

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

Documents:

SANITARY BOARD AGENDA 03.16.2023.PDF
SANITARY BOARD 030223.PDF
REPORTS.PDF
CLAIMS.PDF
PR VOUCHER.PDF
IN0020508_001A_MRO_2023_02.PDF
DMRSUBMISSION.PDF
FEBRUARY 2023 MONTHLY REPORT.PDF

CITY OF CHARLESTOWN
SANITARY SEWER BOARD MEETING

March 16, 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 March 02, 2023
 - b. Current Claims
 - c. Payroll Allowance Docket from 02/26/2023-03/11/2023
3. Public Comment Period
4. Old Business
5. New Business
 - a. WWTP Operator Report
 - b. WWTP Engineering Report
6. Adjournment

SANITARY BOARD

March 2, 2023

10:00 A.M.

THE MEETING OF THE SANITARY BOARD FOR THE CITY OF CHARLESTOWN WAS HELD ON THURSDAY, MARCH 2, 2023 AT 10:00 A.M. AT CITY HALL WITH MAYOR TREVA HODGES PRESIDING.

Board members present were Ryan Hodskins and Nathan Grimes. Also present were Clerk Treasurer Donna Coomer and Attorney Beau Zoeller.

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 February 16, the payroll voucher from February 12 to February 25 and the claims. Motion made by Nathan Grimes, second by Ryan Hodskins. Passed 3-0.

Public Comment-none

Value Engineering Update

Eric Smith with HWC Engineering presented an update on the value engineering. The primary review has been completed. There were a few questions that JTL will address. The final comments will be available in the next few weeks.

Operator Update

Operator Tim Crawford presented the operator report. The new staff member has started working. The new crane for the truck arrived yesterday. He has been working with Dorothea in the billing office to identify billing issues that could help increase cash flows. He has evaluated money saving measures and continues to do so. There is a meeting this morning with JTL to begin drafting a pretreatment ordinance. The department is developing a flushing program starting with basin 1 (Glendale) as part of the preventative maintenance program. The notice of intent was submitted to allow the City to issue permits without IDEM approval.

Engineering Update

Lori Wyatt with JTL presented an engineering update. They are working on responses to the questions HWC had. The Highway 62 pump station plans have been modified to incorporate the

Depot Street development and will be presented at the next meeting. The final plat has been prepared and all utilities will be in easements. The Spring Street project is awaiting flow monitoring data. The IAW connection is finalized and the City now owns the 703 pump station. The quarterly report that is part of the agreed order is due 15 days before the end of the quarter. They are working on a template to allow Tim Crawford to continue the process on his own. The Mayor will be reviewing a letter addressing the compliance plan date changes.

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

Installed by the CITY OF CHARLESTOWN-2012

Fund Report

Selected Funds

From 02/01/2023 Thru 02/28/2023

Grouped By Bank Number

Ordered By Fund Number

FUND TITLE	BALANCE BEG OF YEAR	REVENUE YTD	DISBURSED YTD	BALANCE BEG OF MONTH	REVENUE MTD	DISBURSED MTD	CURRENT BALANCE
**Bank Number 5							
3308 WASTEWATER DEBT SERVICE	306500.00	0.00	0.00	306500.00	0.00	0.00	306500.00
6202 WASTEWATER BOND & INT	115500.34	50511.26	0.00	140755.97	25255.63	0.00	166011.60
SubTotal Bank Number 5	422000.34	50511.26	0.00	447255.97	25255.63	0.00	472511.60
**Bank Number 6							
6201 WASTEWATER OPERATING	776319.61	319144.70	271253.39	789382.88	152402.08	117574.04	824210.92
6206 SEWER CAPACITY FEES FUND	196834.53	20589.68	36610.76	200595.93	0.00	19782.48	180813.45
SubTotal Bank Number 6	973154.14	339734.38	307864.15	989978.81	152402.08	137356.52	1005024.37
** GRAND TOTAL ***	1395154.48	390245.64	307864.15	1437234.78	177657.71	137356.52	1477535.97

Installed by the CITY OF CHARLESTOWN-2012

Appropriation Report

APPROP	TITLE	FORWARDED	CURRENT	TRANSFRD	ADDL/ADJ	ENCUM	EXP-MTD	EXP-YTD	LIQ NOT EXP FWD	UNENCUM BAL	UNEXPEND BAL	% LEFT
3201001511.000	SEWER - AUDIT FEES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
3201001520.000	SEWER - BOND & INTEREST	0.00	0.00	0.00	0.00	0.00	25255.63	50511.26	0.00	-50511.26	-50511.26	0.00%
3201001521.000	SEWER - DEBT SER RES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
3201001530.000	SEWER- TEMPORARY LOAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
3201001590.000	SEWER - MISC EXPENSE	0.00	0.00	0.00	0.00	0.00	50.50	2298.81	0.00	-2298.81	-2298.81	0.00%
SubTotal Fund Number 6201		0.00	0.00	0.00	0.00	0.00	117574.04	271253.39	0.00	-271253.39	-271253.39	n/a
*Fund Number 6202												
6202001381.000	SEWER BD & INT - BOND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
6202001382.000	SEWER BD & INT - BOND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
6202001383.000	SEWER BD & INT - PAYING AGENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
SubTotal Fund Number 6202		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n/a
**Fund Number 6206												
6206001490.000	SW CAP FEES CAPITAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
6206001590.000	SW CAP FEES REPAIRS &	0.00	0.00	0.00	0.00	0.00	19782.48	36610.76	0.00	-36610.76	-36610.76	0.00%
SubTotal Fund Number 6206		0.00	0.00	0.00	0.00	0.00	19782.48	36610.76	0.00	-36610.76	-36610.76	n/a
*** GRAND TOTAL ***		0.00	0.00	0.00	0.00	0.00	137356.52	307864.15	0.00	-307864.15	-307864.15	n/a

Revenue Report

Date : 03/09/2023 04:34:07 PM

REVENUEACCOUNTS.FRX

Bank 5 Thru 6

User ID: DEBORAH

Post Date From 02/01/2023 Thru 02/28/2023

Grouped By Bank Number

Ordered By Revenue

REVENUE	TITLE	GL #	REVENUE MONTH TO DATE	REVENUE YEAR TO DATE
**Bank Number 5				
3308609.000	SEWER DEBT SER RESERVE CHECKING INTREST		0.00	0.00
3308610.000	DEBT SER RES (SEWER)		0.00	0.00
3308931.000	DEBT SER RES (SEWER) - TRANS FM SEW OPR		0.00	0.00
6202609.000	SEWER BD & IN CHECKING ACCT INTEREST	474.60	0.00	0.00
6202610.000	SEWER BD & INT		0.00	0.00
6202931.000	SEWER BD & INT - TRANSFER FM SEWER OPR		25255.63	50511.26
SubTotal Bank Number 5			25255.63	50511.26

**Bank Number 6				
6201441.000	SEWER UTILITY - DAILY RECEIPTS	141.60	152330.08	319072.70
6201442.000	SEWER UTILITY - TAP FEES	521.60	0.00	0.00
6201443.000	SEWER TAP-DANBURY OAKS	521.60	0.00	0.00
6201444.000	SEWER LIENS	141.62	0.00	0.00
6201448.000	SEWER BAD DEBT REVENUE	142.60	0.00	0.00
6201495.000	SEWER- REIMBURSEMENTS	144.60	0.00	0.00
6201499.000	SEWER PAYMENT PLAN	536.61	0.00	0.00
6201609.000	SEWER- INTERST/ON CKING ACCTS	527.60	0.00	0.00
6201610.000	SEWER UTILITY - INTEREST	527.60	0.00	0.00
6201920.000	SEWER UTILITY - TRANSFER		0.00	0.00
6201941.000	SEWER- TEMPORARY LOANS	150.60	0.00	0.00
6201960.000	SEWER UTILITY - REFUNDS	536.60	0.00	0.00
6201990.000	SEWER UTILITY - OTHER	536.60	72.00	72.00
6201991.000	WASTEWATER CONST LOCAL MATCH		0.00	0.00
6201992.000	SEWER - CONTRIBUTIONS	271.60	0.00	0.00
6201993.000	SEWER HIGHVIEW LAKEVIEW	521.60	0.00	0.00
6206441.000	SEWER CAPACITY FEES	521.61	0.00	20589.68
SubTotal Bank Number 6			152402.08	339734.38

*** GRAND TOTAL ***

177657.71

390245.64

Accounts Payable Register

Date: 03/09/2023 04:28:40 PM

APV Register Batch - SANITARY SEWER MEETING 03/16/2023

APVREGISTER.FRX

All History

Ordered By APV Number

DATE FILED	APV #	NAME OF PAYEE	PO #	APPROP #	APPROPRIATION	DESCRIPTION	AMOUNT	CHECK		MEMORANDUM
								CHECK #	DATE	
02/27/2023	102993	CLARK COUNTY REMC		6201001351.000	SEWER - PURCHASED POWER	ELECTRIC	901.40	18478	02/27/2023	
02/27/2023	102994	IDEM		6201001361.000	SEWER - DISCHARGE FEE	BASE FEE/ FLOW FEE	9670.00	18479	02/27/2023	
02/27/2023	102995	AMAZON CAPITAL SERVICES		6201001356.000	SEWER -TELEPHONE/CELL PHONE/INTERNET	PHONE CASE	18.99	18480	02/27/2023	
02/27/2023	102996	CLARK COUNTY REMC		6201001351.000	SEWER - PURCHASED POWER	ELECTRIC	287.60	18481	02/27/2023	
02/27/2023	102997	VERIZON WIRELESS		6201001356.000	SEWER -TELEPHONE/CELL PHONE/INTERNET	MONTHLY CELL SERVICE	161.44	18482	02/27/2023	
02/27/2023	102998	OFFICE DEPOT BUSINESS CREDIT		6201001210.000	SEWER - OFFICE SUPPLIES	OFFICE SUPPLIES	231.79	18483	02/27/2023	
03/01/2023	103018	PAYROLL-CHARLESTOWN CITY		6201001111.000	SEWER- SALARIES/WAGES EMPLOYE	SEWER SALARY	6909.43	18484	03/01/2023	
03/01/2023	103018	PAYROLL-CHARLESTOWN CITY		6201001112.000	SEWER - OVERTIME SALARY	SEWER OT SALARY	555.15	18484	03/01/2023	
03/01/2023	103019	PAYROLL-CHARLESTOWN CITY		6201001131.000	SEWER- EMP. FICA AND MEDICARE	SEWER FICA/MEDI	554.51	18485	03/01/2023	
03/01/2023	103020	PAYROLL-CHARLESTOWN CITY		6201001130.000	SEWER- EMPLOYEE BENEFITS	SEWER PERF	836.04	18486	03/01/2023	
03/03/2023	103049	INVOICE CLOUD		6201001360.000	SEWER - CONTRACTUAL EXPENSE	MONTHLY SITE FEES FEB 2023	215.00	103049	03/06/2023	
03/06/2023	103069	STAPLES BUSINESS CREDIT		6201001210.000	SEWER - OFFICE SUPPLIES	OFFICE SUPPLIES	287.40	18496	03/06/2023	
03/06/2023	103070	AMERICAN WATER		6201001360.000	SEWER - CONTRACTUAL EXPENSE	SHUTOFFS/ RECONNECTIONS	1300.00	18497	03/06/2023	
03/06/2023	103070	AMERICAN WATER		6201001360.000	SEWER - CONTRACTUAL EXPENSE	USAGE DATA BASE CHARGE	575.00	18497	03/06/2023	
03/06/2023	103071	VERIZON WIRELESS		6201001356.000	SEWER -TELEPHONE/CELL PHONE/INTERNET	MONTHLY SERVICE	30.01	18498	03/06/2023	
03/06/2023	103072	ARAMARK		6201001230.000	SEWER - MATERIALS /SUPPLIES	MATS/ BAR MOP	27.19	18499	03/06/2023	
03/06/2023	103072	ARAMARK		6201001230.000	SEWER - MATERIALS /SUPPLIES	MATS/ BAR MOP	27.19	18499	03/06/2023	
03/06/2023	103073	AMAZON CAPITAL SERVICES		6201001210.000	SEWER - OFFICE SUPPLIES	OFFICE SUPPLIES	159.77	18500	03/06/2023	
03/06/2023	103074	SEWER BOND & INTREST		6201001520.000	SEWER - BOND & INTEREST	BD & INT MONTHLY TRANSFER	25255.63	18501	03/06/2023	

Accounts Payable Register

DATE FILED	APV #	NAME OF PAYEE	PO #	APPROP #	APPROPRIATION	DESCRIPTION	AMOUNT	CHECK #	CHECK DATE	MEMORANDUM
					CASH/TRANSFER					
03/06/2023	103075	HOLMES ACE HARDWARE		6201001230.000	SEWER - MATERIALS /SUPPLIES	SCREWDRIVER/ PLIERS/ WIRE CUTTER	75.83	18502	03/06/2023	
03/06/2023	103075	HOLMES ACE HARDWARE		6201001230.000	SEWER - MATERIALS /SUPPLIES	HANDLE TAPR	8.99	18502	03/06/2023	
03/06/2023	103075	HOLMES ACE HARDWARE		6201001230.000	SEWER - MATERIALS /SUPPLIES	TAP PLUG/ WRENCH TAP/ WD40 SMART STRAW	28.77	18502	03/06/2023	
03/06/2023	103075	HOLMES ACE HARDWARE		6201001230.000	SEWER - MATERIALS /SUPPLIES	SMARTFLO MAXHOSE	52.19	18502	03/06/2023	
02/24/2023	103077	SIMPLIFILE		6201001590.000	SEWER - MISC EXPENSE	FILING OF LIENS	50.50	103077	02/24/2023	
03/08/2023	103088	PAYROLL-CHARLESTOWN CITY		6201001111.000	SEWER- SALARIES/WAGES EMPLOYE	SEWER SALARY	7083.43	18503	03/08/2023	
03/08/2023	103088	PAYROLL-CHARLESTOWN CITY		6201001112.000	SEWER - OVERTIME SALARY	SEWER OT SALARY	508.54	18503	03/08/2023	
03/08/2023	103089	PAYROLL-CHARLESTOWN CITY		6201001131.000	SEWER- EMP. FICA AND MEDICARE	SEWER FICA/MEDI	564.54	18504	03/08/2023	
03/08/2023	103090	PAYROLL-CHARLESTOWN CITY		6201001130.000	SEWER- EMPLOYEE BENEFITS	SEWER PERF	850.30	18505	03/08/2023	
03/16/2023	103114	BIO CHEM INC		6201001363.000	SEWER - SLUDGE /SANI	300 CALCIUM HYPOCHLORITE/ FREIGHT	1377.00		/ /	
03/16/2023	103114	BIO CHEM INC		6201001363.000	SEWER - SLUDGE /SANI	900 BIOFLOC 7956	1942.38		/ /	
03/16/2023	103115	BIG G SUPPLY		6201001230.000	SEWER - MATERIALS /SUPPLIES	GREEN SPRAY PAINT	47.94		/ /	
03/16/2023	103116	GRIPP INC		6201001360.000	SEWER - CONTRACTUAL EXPENSE	CALIBRATION SERVICES	2630.00		/ /	
03/16/2023	103117	DCEC HOLDING CO INC		6201001363.000	SEWER - SLUDGE /SANI	MONTHLY ROLL OFF/ FEES	7318.68		/ /	
03/16/2023	103118	MICHAEL CONWELL		6201001363.000	SEWER - SLUDGE /SANI	DEWATERING BAGS	3470.00		/ /	
03/16/2023	103119	ARAMARK UNIFORM & CAREER APPAREL GROUP INC		6201001399.000	SEWER - LAB/SAFETY/OSHA	FIRST AID CABINET SUPPLIES	65.69		/ /	
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	WOODFORD LIFT STATION MAINTENANCE	712.50		/ /	
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	QUARRY STATION MAINTENANCE	1804.92		/ /	
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	4H LIFT STATION MAINTENANCE	476.00		/ /	
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	CLEAN PLANT SCUM PUMPS	1469.80		/ /	

Accounts Payable Register

Date: 03/09/2023 04:28:40 PM

APVREGISTER.FRX

DATE FILED	APV #	NAME OF PAYEE	PO #	APPROP #	APPROPRIATION	DESCRIPTION	AMOUNT	CHECK		MEMORANDUM
								CHECK #	DATE	
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	PLANT HEATER MAINTENANCE	2097.80	/ /		
03/16/2023	103120	APEX SALES & REPAIR LLC		6201001362.000	SEWER-EQUIPMENT REPAIR	PUMP RESET HWY 62	285.00	/ /		
03/16/2023	103121	KNAPHEIDE TRUCK EQUIPMENT CENTER LOUISVILLE		6206001490.000	SW CAP FEES CAPITAL EXPENSES	MAST CRANE W/ REINFORCEMENT	25830.00	/ /		
*** GRAND TOTAL ***							106754.34			

Allowance Docket
For check dates 02/26/2023 - 03/11/2023
Selected Departments - Sewer
Ordered by Employee Name

Pay Period	Employee Number	Employee Name	Distribution Name	All Paytypes Except Overtime	Overtime Only
02/26/2023	898	Crawford, Timothy L.	Sewer Sal	\$1958.65	\$0.00
03/05/2023	898	Crawford, Timothy L.	Sewer Sal	\$1958.65	\$0.00
02/26/2023	897	Eurton, Seth M.	Sewer Sal	\$987.20	\$0.00
02/26/2023	897	Eurton, Seth M.	Sewer Sal OT	\$0.00	\$74.02
03/05/2023	897	Eurton, Seth M.	Sewer Sal	\$987.20	\$0.00
02/26/2023	328	Gomez, Dorothea	Sanit Salaries	\$434.40	\$0.00
02/26/2023	328	Gomez, Dorothea	Sewer Sal	\$434.40	\$0.00
03/05/2023	328	Gomez, Dorothea	Sanit OT	\$0.00	\$16.30
03/05/2023	328	Gomez, Dorothea	Sanit Salaries	\$434.40	\$0.00
03/05/2023	328	Gomez, Dorothea	Sewer Sal	\$434.40	\$0.00
03/05/2023	328	Gomez, Dorothea	Sewer Sal OT	\$0.00	\$16.29
02/26/2023	930	Kruer, Michael A.	Sewer Sal	\$816.00	\$0.00
03/05/2023	930	Kruer, Michael A.	Sewer Sal	\$960.00	\$0.00
02/26/2023	929	Murphy, Bobbi-Rei F.	Sanit Salaries	\$350.00	\$0.00
02/26/2023	929	Murphy, Bobbi-Rei F.	Sewer Sal	\$350.00	\$0.00
03/05/2023	929	Murphy, Bobbi-Rei F.	Sanit Salaries	\$380.00	\$0.00
03/05/2023	929	Murphy, Bobbi-Rei F.	Sewer Sal	\$380.00	\$0.00
02/26/2023	363	Slaughter, Donald L	Sewer Sal	\$1050.00	\$0.00
03/05/2023	363	Slaughter, Donald L	Sewer Sal	\$1100.00	\$0.00
03/05/2023	363	Slaughter, Donald L	Sewer Sal OT	\$0.00	\$492.25
02/26/2023	906	Winslow, Joshua G.	Sewer Sal	\$1037.20	\$0.00
02/26/2023	906	Winslow, Joshua G.	Sewer Sal OT	\$0.00	\$481.13
03/05/2023	906	Winslow, Joshua G.	Sewer Sal	\$987.20	\$0.00

Allowance Docket
 For check dates 02/26/2023 - 03/11/2023
 Selected Departments - Sewer
 Ordered by Employee Name

Pay Period	Employee Ending Number	Employee Name	Distribution Name	All Paytypes Except Overtime	Overtime Only
Total				\$15039.70	\$1079.99

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 February	Year 2023	Plant Design Flow 2.2 mgd	Telephone Number 812-786-6594		
E-mail address: Wastewaterdirector@cityofcharlestown.co					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= 2.3 Precipitation - Inches	Bypass At Plant Site ("x" if Occurred)	Sanitary Sewer Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE							
							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	Wed			0					0.86	7.7	90	645.52	114	817.65	3.36	12.6	
2	Thu			0					0.737	7.5	120	737.59	111	682.27	4.31	15.6	
3	Fri			0					0.819	7.7							
4	Sat			0					0.701								
5	Sun			0					0.736		155	951.43	186	1141.7	4.7	20.5	
6	Mon			0					0.578	7.7	154	742.36	191	920.72	4.87	24.6	
7	Tue			0.1					0.699	7.7	141	821.98	517	3013.9	5.12	20.9	
8	Wed			0.1					0.746	7.5	153	951.91	189	1175.9	4.95	20.6	
9	Thu			0					0.854	7.6	105	747.85	131	933.03	4.24	16.8	
10	Fri			0					0.704	7.5							
11	Sat			0					0.714								
12	Sun			0					0.639		201	1071.2	117	623.52	4.75	19.3	
13	Mon			0					0.622	7.9	171	887.06	146	757.37	5.54	13	
14	Tue			0					0.664	7.8	179	991.26	80	443.02	5.58	26.3	
15	Wed			1.2					0.873	7.6	129	939.23	171	1245	5.54	16.6	
16	Thu			0.5					0.922	7.3	50	384.47	29	222.99	1.47	4.18	
17	Fri			0					2.201	7.6							
18	Sat			0					1.548								
19	Sun			0					1.21		82	827.49	49	494.48	2.49	13.5	
20	Mon			0					0.879	7.7	115	843.05	126	923.69	4.57	16.3	
21	Tue			0					0.835	7.8	86	598.9	34	236.77	2.94	17.8	
22	Wed			0.3					0.897	7.7	79	591	137	1024.9	3.75	16	
23	Thu			0					0.901	7.4	114	856.63	137	1029.5	3.74	9.15	
24	Fri			0					0.815	7.5							
25	Sat			0					0.845								
26	Sun			0					0.674		153	860.04	97	545.25	4.33	21.9	
27	Mon			0.1					0.943	7.3	127	998.81	83	652.76	4.42	19.5	
28	Tue			0					0.793	7.6	145	958.97	106	701.04	4.62	21.8	
Average									0.8718		127.5	820.34	137.6	879.27	4.265	17.35	
Maximum				1.2					2.201	7.9	201	1071.2	517	3013.9	5.58	26.3	
Minimum									0.578	7.3	50	384.47	29	222.99	1.47	4.18	
# of Data				28	0	0	0	0	0	0	0	0	0	0	0	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	February	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									
1			79	5597	141	6.2		2.115	7842					1	7.8		
2			84	5469	154	6.0		1.959	7422					1	7.8		
3			76	5697	133	6.8		2.194	6700					1	7.8		
4								2.092									
5								2.071									
6			83	5460	152	5.3		1.858	7882					3	7.7		
7			83	5050	164	3.6		1.907	7822					3	7.5		
8			79	4996	158	1.3		1.99	6449					1	7.7		
9			80	5243	153	1.8		2.076	7433					9.8	7.7		
10			79	6657	119	4.5		2.213	6681					1	7.6		
11								2.216									
12								1.921									
13			83	5246	158	3.7		2.105	7087					2	7.6		
14			82	5368	153	3.4		1.987	7368					3	7.6		
15			80	5454	147	2.8		2.067	7841					1	7.7		
16			60	3924	153	2.2		2.102	7596					37.3	7.6		
17			47	3803	124	2.8		2.068	7895					3	7.6		
18								2.058									
19								2.306									
20			72	4775	151	2.4		1.984	8510					1	7.6		
21			63	4957	127	3.1		2.122	7934					1	7.7		
22			60	4973	121	2.4		2.197	6962					1	7.6		
23			48	3994	120	1.3		1.881	5365					1	7.7		
24			50	4088	122	5.7		2.138	7723					1	7.5		
25								2.249									
26								1.874									
27			69	5093	135	1.5		2.204	7290					4.1	7.7		
28			70	4921	142	2.5		2.149	6761					2	7.7		
Avg.			71.35	5038	141.3	3.456		2.075	7328					2			
Max.			84	6657	164.4	6.77		2.306	8510					37.3	7.8		
Min.			47	3803	118.7	1.25		1.858	5365					1	7.5		
Daily Max														4			
# of Days above 235														2			
Data	0	0	20	20	20	20	0	28	20	0	0	0	0	20	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	February	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	Wed	0.838		1		6.993		2		13.99		0.015		0.105		1	6.993
2	Thu	0.714		1		5.958		5		29.79		0.015		0.089		1.09	6.495
3	Fri	0.706															
4	Sat	0.69	0.8144		1		7.185		2.6		17.91		0.015		0.1078		
5	Sun	0.721		1		6.017		3		18.05		0.015		0.09		0.828	4.982
6	Mon	0.618		1		5.157		2		10.31		0.015		0.077		0.73	3.765
7	Tue	0.653		1		5.449		2		10.9		0.047		0.256		0.71	3.869
8	Wed	0.732		1		6.109		1		6.109		1.13		6.903		0.811	4.954
9	Thu	0.832		1		6.943		3		20.83		0.085		0.59		0.815	5.659
10	Fri	0.713															
11	Sat	0.724	0.7133		1		5.935		2.2		13.24		0.258		1.5833		
12	Sun	0.642		1		5.357		2		10.71		0.015		0.08		0.856	4.586
13	Mon	0.644		1		5.374		2		10.75		0.015		0.081		0.944	5.073
14	Tue	0.595		1		4.965		2		9.931		0.015		0.074		0.992	4.926
15	Wed	0.834		2		13.92		1		6.96		0.017		0.118		1.04	7.238
16	Thu	2.676		1		22.33		3		66.99		0.375		8.374		1.09	24.34
17	Fri	2.16															
18	Sat	1.585	1.3051		1.2		10.39		2		21.07		0.087		1.7456		
19	Sun	1.197		1		9.989		10		99.89		1.12		11.19		0.876	8.75
20	Mon	0.91		1		7.594		2		15.19		0.015		0.114		0.525	3.987
21	Tue	0.84		1		7.01		1		7.01		0.015		0.105		0.461	3.232
22	Wed	0.924		1		7.711		3		23.13		0.015		0.116		0.572	4.411
23	Thu	0.82		2		13.69		1		6.843		0.427		2.922		0.638	4.366
24	Fri	0.833															
25	Sat	0.84	0.9091		1.2		9.198		3.4		30.41		0.318		2.8889		
26	Sun	0.705		1		5.883		1		5.883		0.572		3.365		0.76	4.471
27	Mon	0.941		1		7.853		2		15.71		0.26		2.042		0.781	6.133
28	Tue	0.774		2		12.92		3		19.38		0.043		0.278		0.869	5.613
Avg		0.9236		1.2		8.361		2.6		20.42		0.211		1.848		0.819	6.192
Max		2.676	1.3051	2	1.2	22.33	10.39	10	3.4	99.89	30.41	1.13	0.318	11.19	2.8889	1.09	24.34
Min		0.595	0.7133	1	1	4.965	5.935	1	2	5.883	13.24	0.015	0.015	0.074	0.1078	0.461	3.232
Data		28	4	20	4	20	4	20	4	20	4	20	4	20	4	20	20

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 25.861
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			
Tertiary Treatment	NA	NA			Percent Capacity
Overall Treatment	99.1	98.1	98.8	80.8	(actual flow/design) 42%
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 Charlestown	IN0020508	February	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		19												
2		19												
3		19												
4		0												
5		0												
6		20												
7		18												
8		20												
9		24												
10		23												
11		0												
12		0												
13		24												
14		57												
15		23												
16		21												
17		12												
18		0												
19		0												
20		18												
21		19												
22		20												
23		20												
24		19												
25		0												
26		0												
27		18												
28		17												
Avg.		15.36												
Max.		57												
Min.		0												
Data	0	28	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	February	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																										
4																										
5																										
6																										
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Avg																										
Max																										
Min																										
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WASTEWATER TREATMENT PLANT

State Form 10829 (R9 / 12-22)

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

Substitute for State Form 30530

Day Of Month	0																																					
	1																																					
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Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

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 02/01/23 to 02/28/23	DMR Due Date:	03/28/23	Status:	NetDMR Validated
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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	Telephone:	812-256-3422
Last Name:	Hodges				

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	=	7.5				=	7.8			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	=	20.42	=	30.41	26 - lb/d	=	2.6	=	3.4	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														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	1.848	=	2.889	26 - lb/d	=	0.211	=	0.318	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														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.819			19 - mg/L	0	05/WK - Five Per Week	24 - COMP24	
					Permit Req.					<=	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	=	0.924			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						=	2.0	=	4.1	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														
51041	E. coli, colony forming units [CFU]	Y - Effluent Gross (Supplementary)	0	--	Sample								=	37.3	3Z - CFU/100mL	0	05/WK - Five Per Week	GR - GRAB	
					Permit Req.										Req Mon DAILY MX		3Z - CFU/100mL	05/WK - Five Per Week	GR - GRAB
					Value NODI														
51484	Number of Events	Y - Effluent Gross (Supplementary)	0	--	Sample		=	20.0		5J - #			=	0.0	4X - # exceed	0	01/30 - Monthly	RT - RCOTOT	
					Permit Req.			Req Mon MO TOTAL	5J - #					Req Mon MO TOTAL	4X - # exceed		01/30 - Monthly	RT - RCOTOT	
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	8.361	=	10.39	26 - lb/d	=	1.2	=	1.2	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		=	25.861		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_02.pdf	pdf	341817.0

Report Last Saved By

CHARLESTOWN WASTEWATER TREATMENT PLANT

User: CRAWFORD324
Name: Timothy Crawford
E-Mail: timcrawford324@gmail.com
Date/Time: 2023-03-07 12:15 (Time Zone: -05:00)

Report Last Signed By

User: CRAWFORD324
Name: Timothy Crawford
E-Mail: timcrawford324@gmail.com
Date/Time: 2023-03-10 08:52 (Time Zone: -05:00)

Charlestown WWT Utility

February 2023 Summary WWTP

March 13, 2023

Monthly Test Results

Parameter	Results	Permit Limit Requirements	
Average Daily Influent Flow	.872 monthly Avg. (MGD)	2.2 Design Avg. (MGD)	42 % of Capacity
TSS Effluent	2.6 monthly average (mg/l)	30 permit requirement (mg/l)	98.1 % Removal
CBOD Effluent	1.2 monthly average (mg/l)	40 permit requirement (mg/l)	99.1 % Removal
Ammonia Effluent	.211 monthly average (mg/l)	3.0 mg/l permit requirement	98.8 % Removal
Phosphorus Effluent	.8 monthly average (mg/l)	1.0 mg/l permit requirement	80.8% Removal
E.coli	2.0 Monthly geometric means	125 Monthly geometric permit requirement	

The facility operated well during the 15-16 rain event. The treatment process continues to improve and become more stable. The stability is related to the continued effort of the utility staff to reduce the solids inventory. Chemical continues to become less of a demand and more constant/predictable.

Biosolids Removal:

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sep	Oct	Nov	Dec	YTD
Tons/Disposed	79.1	108.1											187.23

The facility-maintained compliance on all parameters!

Collection System

Activity/task were performed during the month:

- There were 139 locates with 9 emergency locates performed during the month of November.
- All Lift station were inspected weekly during the month.
- A total of six (6) rain events occurred during the month, The largest events were on February 15-16 at the WWTP. Total Rainfall for the month at the facility Was 2.3.”
- 1575’ liner feet main line was flushed during the month.
- 0’ linear feet main line footage was Televised during the month.

Managers Notes:

Operations continue to improve and the search for a qualified team member has been completed. The newest member of the utility started on February 21.

The new team member collection system experience that will reduce total dependency of outside service request.

Training:

We received and safety/operation training was conducted for the maintenance truck.

Staff :

Improved efficiency/flexibility has been realized in the first week of the newest team member joining the utility.