

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 Ending 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 |
| 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 | | | | | | | | | | | | |
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| 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 | | | | | | | | | | | | | | | | |
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| Max | | | | | | | | | | | | | | | | | | | | |
| Min | | | | | | | | | | | | | | | | | | | | |
| Data | 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 | | | | | | | | | | | | | | | | | | | | |
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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 |

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 |
|---------------------------|----------------------------------|----------------------|-----------------|----------------|-------------------------|

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 |
| 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 | | | | |
| | | | | | 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 | | | |
| | | | | | 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 | | | |
| | | | | | 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 | | | | |
| | | | | | 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 | | | | | | | | |
| | | | | | 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 | | | | |
| | | | | | 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 | | | | | |
| | | | | | 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 | | | | | |
| | | | | | 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 | | | |
| | | | | | 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 | | | | | | | | | |
| | | | | | 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.