

Compliance Maintenance Annual Report

Brooklyn Wastewater Treatment Facility

Last Updated: Reporting For:
5/24/2022 2021

DNR Response to Resolution or Owner's Statement

Name of Governing
Body or Owner:

Village of Brooklyn

Date of Resolution or
Action Taken:

2022-05-23

Resolution Number:

2022-04

Date of Submittal:

5/24/2022

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = A

Permittee Response:

DNR Response:

The influent hydraulic loading for 2021 was excellent averaging 0.068 MGD (33.8% design capacity) with a maximum of 0.075 MGD (37.6% design capacity).
The influent organic loading for 2021 was Good averaging 146.5 lbs/day (50.5% design capacity) with a maximum of 192 lbs/day (66.2% design capacity).

Effluent Quality: BOD: Grade = A

Permittee Response:

DNR Response:

The effluent BOD quality for 2021 was excellent averaging 5.333 mg/L (35.56% of the limit) with a maximum of 11 mg/L (73.33% of the limit) for the month of March.

Effluent Quality: TSS: Grade = A

Permittee Response:

DNR Response:

The effluent TSS quality for 2021 was excellent averaging 2.917 mg/L (14.58% of the limit) with a maximum of 7 mg/L (35.00% of the limit) for the month of March.

Effluent Quality: Ammonia: Grade = A

Permittee Response:

DNR Response:

The effluent ammonia quality for 2021 was excellent averaging 0.727 mg/L (13.17% of the limit) with a maximum of 2.565 mg/L (39.46% of the limit) for the month of December.

Effluent Quality: Phosphorus: Grade = A

Permittee Response:

DNR Response:

The effluent phosphorus quality for 2021 was excellent averaging 2.815 mg/L (35.63% of the limit) with a maximum of 4.615 mg/L (58.42% of the limit) for the month of January.

Biosolids Quality and Management: Grade = A

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Permittee Response:

DNR Response:

Data from 2021 Land Application Monitoring Form indicate no issues in 2021.

Staffing: Grade = A

Permittee Response:

DNR Response:

Please continue to do preventive maintenance at the wastewater treatment facility as you have in the past. Good Work.

Operator Certification: Grade = A

Permittee Response:

DNR Response:

Leif Spilde (OIC), Brandon Hollis, and Curt Golz are currently listed as operators working at the Brooklyn WWTF in the Department's database. If there are any more certified operators that work at your facility, please notify the department of their name and start dates as well.

Financial Management: Grade = A

Permittee Response:

DNR Response:

Thank you for contributing to the equipment replacement fund in 2021. Continue to ensure there are adequate funds to maintain and replace equipment so the facility can maintain compliance. The Department recommends completing an energy efficient study for your treatment facility.

Collection Systems: Grade = A

(Regardless of grade, response required for Collection Systems if SSOs were reported)

Permittee Response:

Our CMOM was updated 1-25-2021 according to our plans timeline to review every 5 years. We made changes based on DNR's response in last year's CMAR. We sent the updated CMOM to our DNR engineer on 1-26-2021.

DNR Response:

Good job cleaning 100% of your system in 2021. The Department recommends an annual televising schedule and televising at least 10% or more of your sewer system each year so that your entire system is televised and assessed within 10 years or less. It will provide the information you need about the condition of your sewer system so that you can make decisions, set priorities and establish your budget on those pipes in most need of repair/rehabilitation. Section 2.1 states that 100% of the system was flow monitored. If the lineal length of sanitary pipe conveyed to a lift station or other monitoring device is greater than ~ a quarter mile, it shouldn't be considered flow monitoring for purposes of this report. The flow monitoring rate represents sewer pipe where flows are measured, typically using temporary portable flow measuring equipment generally used to determine infiltration and inflow amounts in specific sections of pipe.

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. = 4

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Permittee Response:

DNR G.P.A. Response:

Based on the data reported the plant appeared to be running well in 2021.

DNR CMAR Overall Response:

Thank you for completing and submitting your 2021 CMAR. The CMAR is an annual self-evaluation of your wastewater treatment facility. Everything looks to be in order and your facility is operating very well. See the Financial Management and Collection Systems sections for recommendations. There are no other requirements at this time. Nice job and thank you again.

DNR Reviewer: Ostien, Kenzie

Address: 3911 Fish Hatchery Rd, Fitchburg, WI 53711-5367

Phone:

Date: 11/30/2022