

Compliance Maintenance Annual Report

Brooklyn Wastewater Treatment Facility

Last Updated: Reporting For:
6/13/2023 2022

DNR Response to Resolution or Owner's Statement

Name of Governing
Body or Owner:

Village of Brooklyn

Date of Resolution or
Action Taken:

2023-06-12

Resolution Number:

2023-07

Date of Submittal:

6/13/2023

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 2022 was excellent averaging 0.07 MGD (34.9% design capacity) with a maximum of 0.085 MGD (42.6% design capacity).
The influent organic loading for 2022 was good averaging 140.417 lbs/day (48.4% design capacity) with an acceptable maximum of 205 lbs/day (70.7% design capacity).

Effluent Quality: BOD: Grade = B

Permittee Response:

DNR Response:

The effluent BOD quality for 2022 was excellent averaging 5.917 mg/L (33.33% of the limit) with a maximum of 16 mg/L (6.67% over the limit) for the month of March.

Effluent Quality: TSS: Grade = A

Permittee Response:

DNR Response:

The effluent TSS quality for 2022 was excellent averaging 4.25 mg/L (21.25% of the limit) with a maximum of 8 mg/L (40.00% of the limit) for the month of March.

Effluent Quality: Ammonia: Grade = A

Permittee Response:

DNR Response:

The effluent ammonia quality for 2022 was excellent averaging 0.71 mg/L (12.21% of the limit) with a maximum of 3.74 mg/L (57.46% of the limit) for the month of March.

Effluent Quality: Phosphorus: Grade = F

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Permittee Response:

The department recognized a WQT plan was approved July 17, 2020, and the permit modification request email with Nathan Well's response has been documented in the DNR database.

DNR Response:

Phosphorus violated the monthly average limit of 0.225 mg/L and 0.13 lbs/day April-July 2022 until WQT credits were available. The current and modified permit (WI-0023485-09-1) became effective August 1, 2022; therefore, the previous permit (WI-002348509-0) monthly average limit (0.225 mg/L) was technically in effect until the August 1, 2022. The department recognizes a WQT plan was approved July 17, 2020, and the permit modification request email with Nathan Well's response has been documented in our database.
No follow up actions are needed at this time.

Biosolids Quality and Management: Grade = A

Permittee Response:

DNR Response:

Land spreading records and reporting is all acceptable and meeting NR 204 requirements.

Staffing: Grade = A

Permittee Response:

DNR Response:

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

Operator Certification: Grade = A

Permittee Response:

DNR Response:

Operator-in-charge is up to date on required certifications.

Financial Management: Grade = A

Permittee Response:

DNR Response:

Continue to monitor the financial situation and make changes as necessary.

Collection Systems: Grade = A

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

Permittee Response:

DNR Response:

It appears that sections of your CMOM are missing according to the requirements in s. NR 210.23(4). Please update your CMOM to include basement back assessment and correction and regular O&M training.

We strongly recommend that your CMOM includes an annual televising schedule. We recommend 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. Sewer pipe televising and rehab should not be done only during street projects but as regular part a good CMOM program. 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.

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

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

G.P.A. = 3.41

Permittee Response:

DNR G.P.A. Response:

DNR CMAR Overall Response:

Thank you for completing and submitting your 2022 CMAR. The CMAR is an annual self-evaluation of your wastewater treatment plant, collection system, and associated wastewater management activities. Everything looks to be in order and is operating well. There are no other requirements at this time. Nice job and thank you again.

DNR Reviewer: Winkelman, James

Phone:

Address: PO Box 7921, Madison, WI 53707-7921

Date: 8/24/2023