

Compliance Maintenance Annual Report

Brooklyn Wastewater Treatment Facility

Last Updated: Reporting For:
5/16/2018 2017

DNR Response to Resolution or Owner's Statement

Name of Governing
Body or Owner:

Village Board of the Village of Brooklyn

Date of Resolution or
Action Taken:

2018-05-14

Resolution Number:

2018-12

Date of Submittal:

5/16/2018

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 2017 was acceptable, averaging 0.086 MGD (74.1% design capacity) with an over capacity maximum of 0.143 MGD (123.0% design capacity) in July.

The influent organic loading for 2017 was good, averaging 182.2 lbs/day (62.8% design capacity) with an acceptable maximum of 240 lbs/day (82.8% design capacity) in September.

Effluent Quality: BOD: Grade = A
Permittee Response:

DNR Response:

The effluent BOD quality for 2017 was excellent, averaging 5.1 mg/L (33.9% of the limit) with maximum of 8 mg/L (53.3% of the limit) for the months of January and November.

Effluent Quality: TSS: Grade = A
Permittee Response:

DNR Response:

The effluent TSS quality for 2017 was excellent, averaging 5.5 mg/L (27.5% of the limit) with a maximum of 9 mg/L (45.0% of the limit) for the month of January.

Effluent Quality: Ammonia: Grade = A
Permittee Response:

DNR Response:

The effluent ammonia quality for 2017 was excellent, averaging 0.12 mg/L for the year.

Effluent Quality: Phosphorus: Grade = A
Permittee Response:

Phosphorus compliance planning is underway with capital costs to be implemented in the next few years.

DNR Response:

The effluent phosphorus quality for 2017 was good, averaging 4.29 mg/L (54.3% of the limit) with a maximum of 7.05 mg/L (89.2% of the limit) for the month of November.

Biosolids Quality and Management: Grade = A

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Permittee Response: DNR Response: Biosolid metal concentrations are well below the high-quality limit in all parameters.
Staffing: Grade = A Permittee Response: DNR Response: There is no start date listed for Curt in our database, please notify the department of his start date. If there are any more certified operators besides Leif and Curt at your facility, please notify the department of their name and start date
Operator Certification: Grade = A Permittee Response: DNR Response: Owners of a treatment plant and sanitary sewer collection systems associated with it shall have at least one operator certified in the new collection system subclass (SS). The exam became available this fall. Watch for this operator subclass requirement to be added to a future permit reissuance.
Financial Management: Grade = A Permittee Response: Equipment replacement fund was reviewed and plans were put in place to replenish DNR Response: Thank you for contributing to the equipment replacement fund and for reviewing the equipment replacement fund and user charge system in 2017. Continue to ensure there are adequate funds to maintain and replace equipment, so the facility can maintain compliance.
Collection Systems: Grade = A (Regardless of grade, response required for Collection Systems if SSOs were reported) Permittee Response: DNR Response: The department strongly recommends the sewer ordinance address fats, oil, and grease; private property I & I; and enforcement procedures for non-compliance of sewer use. Regular O&M and emergency overflow and safety training methods/schedules should be included in your CMOM document. In addition, 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 2017. Also, good work on correcting debt ratio coverage and having sufficient funds for O&M expenses compared to 2016. Keep up the good work and please follow up with the department on the item below:

1) Notify the department of Curt's start date at the Brooklyn facility.

DNR CMAR Overall Response:

Thank you for your submission of this report. The department appreciates your effort to protect human health and the environment by assuring that your wastewater collection and treatment systems are properly operated and maintained. Don't hesitate to contact me at Nathan.wells@wisconsin.gov or call (608) 275-3474 if you have any questions or comments regarding the department's responses.

DNR Reviewer: Wells, Nathan

Address: 3911 Fish Hatchery Road, Fitchburg, WI 53711

Phone: (608) 275-3474

Date: 12/19/2018