

# Compliance Maintenance Annual Report

Brooklyn Wastewater Treatment Facility

Last Updated: Reporting For:  
6/11/2019 2018

## DNR Response to Resolution or Owner's Statement

Name of Governing  
Body or Owner:

Village of Brooklyn

Date of Resolution or  
Action Taken:

06-10-2019

Resolution Number:

2019-04

Date of Submittal:

6/11/2019

### 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 2018 was good, averaging 0.086 MGD (42.9% design capacity) with an acceptable maximum of 0.153 MGD (76.6% design capacity).

The influent organic loading for 2018 was good, averaging 180.3 lbs/day (62.2% design capacity) with an acceptable maximum of 243 lbs/day (83.8% design capacity).

Effluent Quality: BOD: Grade = B

#### Permittee Response:

#### DNR Response:

The effluent BOD quality for 2018 was good, averaging 6.8 mg/L (39.4% of the limit) with a maximum of 16 mg/L (6.7% over the limit) for the month of April.

Effluent Quality: TSS: Grade = A

#### Permittee Response:

#### DNR Response:

The effluent TSS quality for 2018 was good, averaging 8.58 mg/L (42.9% of the limit) with a maximum of 17 mg/L (85.0% of the limit) for the month of April.

Effluent Quality: Ammonia: Grade = A

#### Permittee Response:

#### DNR Response:

The effluent ammonia quality for 2018 was excellent, averaging 0.3 mg/L (8.1% of the limit) with maximums of 0.66 mg/L (10.2% of the limit) in February and 0.65 mg/L (10.0% of the limit) in March.

Effluent Quality: Phosphorus: Grade = B

#### Permittee Response:

#### DNR Response:

The effluent phosphorus quality for 2018 was good, averaging 5.31 mg/L (63.9% of the limit) with a maximum of 8.24 mg/L (4.30% over the limit) for the month of August.

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Biosolids Quality and Management: Grade = A

**Permittee Response:**

**DNR Response:**

Biosolid metal concentrations are considered high quality in all parameters All sludge is transported and disposed of by another permitted facility.

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 last fall. Please have an individual take the exam and be the operator in charge (OIC) for the collection system. The collection system OIC does not need certification in other wastewater subclasses or have taken the basic general wastewater exam.

Financial Management: Grade = A

**Permittee Response:**

**DNR Response:**

Thank you for contributing to the equipment replacement fund and for reviewing the equipment replacement fund and user charge system in 2018. 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:**

CMOM deficiencies:

- 1) Procedure or documentation of regular O & M training methods (Internal training, WWOA meetings, seminars, ect.)
- 2) Add Overflow Emergency Operation protocols and implementation to your emergency response plan.

Similar to last year, 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**

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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. = 3.65**

**Permittee Response:**

**DNR G.P.A. Response:**

Based on the data reported, the plant appeared to be running well in 2016. Keep up the good work and please follow up with the department on the following items.

- 1) Notify the department of Curt's start date at the treatment facility.
- 2) Update your CMOM to reflect the deficiencies noted in the collection system section of your CMAR.

**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:** 8/14/2019