

# CITY OF OGDENSBURG, NEW YORK

CITY HALL • 330 FORD STREET • OGDENSBURG, NY 13669 • (315) 393-6100



Office of the City Manager

MEMO TO: City Council  
FROM: Sarah Purdy, City Manager *SP*  
DATE: January 31, 2019  
SUBJECT: Update 19/5

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## **RECREATION DEPARTMENT UPDATE** –

**OVERTIME** - The following is a breakdown of overtime for the department for January:

- Stand-by (straight-time): 24 hours
- Overtime (other): 20hours (Snow removal, flags, arena)

**DOBISKY ROOM USAGE** – Below are hours used at the Dobisky Center for the month of January:

- Paid Large Room – 20.5 hours
- Paid Small Room – 11 hours
- Paid Both Rooms – 3 hours
- Non-Profit Use – 83.5 hours

**ARENA USAGE** – Below are the hours rented at the Lockwood Arena for the month of January:

- Ice Rentals – 118 hours
- Parks & Recreation Programs – 34 hours

**PUBLIC SKATING** – The department continued its set public skating schedule of every Monday and Wednesday from 2:30-4:30 p.m. and Sundays from 3:30-5:30 p.m. The complete public skating schedule for February has been posted and pinned to the top of our Facebook page and sent to the media.

**FALL/WINTER PROGRAMS** –Family Swim began on Jan. 6 and will run until March 3 from 1-3 p.m. on Sundays.

**BOAT SLIP WAITING LIST** – The updated boat slip waiting list for the 2019 season for city residents/property owners and non-residents has been posted on the city’s website as per the current policy.

**BOAT SLIP RENEWALS** – The department sent boat slip renewal letters and invoices to boaters on Jan. 25. The deadline for returning boaters to complete their paperwork and pay in full is 4 p.m. on March 22, 2019. During the week of March 25, the department will fill any open slips from the current waiting list per the updated policy established in 2018.

## **CODES DEPARTMENT UPDATE** – Code Enforcement Office Annual Report

In 2018 the Code Enforcement Office issued 337 building permits with a construction value of \$5,367,594. Permit fees generated \$31,341, which was more than the \$25,000 anticipated for permit revenue in the 2018 City budget. There was one new home built.

A total of 409 violation orders were issued for various code violations including excessive garbage, which resulted in the City contracting for garbage clean-up of approximately 20 properties in 2018. Because some clean-ups were sizeable, more than the \$6,000 allocated in the 2018 Code Enforcement budget for clean-ups was needed, and an additional \$5,977 was transferred from the General Fund contingent account. The amount included in the 2019 budget for clean-ups is \$12,000, which better reflects actual costs. Other activities in 2018 included issuing 18 summonses for non-compliance, receiving 13 variances, and conducting 271 inspections of rental, business and assembly structures (representing approximately 600 units) for a total revenue of \$55,034. By comparison, the 2018 budget anticipated \$30,000 for revenue.

In July of 2018 Housing Inspector Mark Jacobs retired and part-time Zombie Officer Nicole Woods was hired full-time to fill the Housing Inspector position. Nikki is still also conducting the Zombie Officer responsibilities in fulfillment of the Zombie grant obligations. She also has been diligent in maintaining rental property inspections, which had been part of Mark’s job. The Code Enforcement Office continues to assist the Department of Public Works in identifying grass violations and snow-covered sidewalks, and the Office referred 213 violations to DPW for follow-up. Any changes in water and sewer use also are being processed by the Code Enforcement Office.

With the addition of another full-time Housing Inspector to the Code Enforcement staff for 2019, the Office plans to increase its efforts to address blight in properties throughout the City this year.

**PUBLIC WORKS UPDATE**

Overtime –

RC = Required or Contractual

	1/10 to1/16
Sewer Beepers (RC)	8
On-Call Supervisors (RC)	4
Waste Water Treatment (RC)	8
Sander Beepers (RC)	12
Water/Sewer	18
Snow and Ice	120.50
<b>TOTAL HOURS</b>	<b>170.50</b>
RC	32
Other	138.50

Snow & Ice

- Weather pattern has been keeping our staff busy. They are doing an excellent job of keeping the streets clear.

Waste Water Treatment Plant Update –

- **WWTP DESIGN & CONSTRUCTION**
  - Meeting schedule – Next meeting February 13<sup>th</sup> – 9am
  - Meeting Notes for January 30<sup>th</sup> meeting:
    - Project Schedule
      - East River Lift Station – Process moving along nicely. Bid is on track to be released next Monday – February 4<sup>th</sup>. Pre-bid meeting scheduled for February 13<sup>th</sup> at lift station.
      - PLA Study status – Rural Development (RD) was on furlough due to the “shutdown”. Participant are trying to arrange a conference call to work through any concerns.
      - Consent Order – we are staying in communication with the Department of Environmental Conservation (DEC). EDR will be creating a draft letter / response to the DEC with our anticipated schedule and request for the appropriate extension time.
      - RD Compliance – Federal shutdown impacted the review process. Staff is back to work, but behind.
  - Water Pollution Control Facilities & Water Treatment Plant Management Services – Please find attached the December 2018 monthly update from Robert M. Henninger, Water Quality Supervisor.

Water Filtration Plant Update

- One of four filters are being cleaned every two weeks. Our next scheduled filter cleaning is February 8, 2019.

- Preliminary Engineering Report kick off meeting took place on January 30<sup>th</sup>. Information was exchanged and project will start to take shape. Possible workshop scheduled for March 13<sup>th</sup>. This will allow time for all the reports and information to be gathered.



**Water and Wastewater Facilities**

Warneck Pump Station  
23557 NYS Route 37  
Watertown, New York 13601

Telephone (315) 661-3210  
Telefax (315) 661-3211  
Emergency Telephone (315) 786-4000

**Open Access Telecom Network**

Dulles State Office Building  
317 Washington Street, Suite 406  
Watertown, New York 13601

Telephone (315) 661-3200  
Telefax (315) 661-3201  
Emergency Telephone (866) 669-3262

**Solid Waste Management Facility**

23400 NYS Route 177  
Rodman, New York 13682

Telephone (315) 661-3230  
Telefax (315) 661-3231

January 19, 2019

RE: City of Ogdensburg  
Water Pollution Control Facilities & Water Treatment Plant Management Services  
December 2018 Monthly Status Report  
SPDES Permit No. NY-0029831

Dear Ms. Purdy:

Services performed for the month are detailed below for your review. I hope that you find the information useful and welcome suggestions to make this report more useful for the City going forward.

1) **MANAGEMENT SERVICES:**

a) General

- Continued work setting up NexGen preventative maintenance (PM) work orders (WOs). To date 91 PM plans have been developed for the WPCF/WTP. A total of 58 WPCF and 12 WTP WO were completed this period. No new PMs were created for the WPCF during this period.
- Authority personnel have completed and submitted the 2018 Environmental Protection Agency (EPA) Annual Biosolids Report. The EPA requires all applicable publicly owned treatment plants to submit information regarding their sewage sludge management program on an annual basis. This report is included as an attachment to this report. The Authority has begun preparation of the NYSDEC Annual Combined Sewer Overflow (CSO) Report due January 31<sup>st</sup>, EPA Annual Public Notification Plan due February 7<sup>th</sup>, as well as the NYSDEC Annual Certification of Flow Report due March 28<sup>th</sup>.
- On December 28<sup>th</sup> Authority and City personnel completed corrective actions identified on the 2018 Authority's Annual Health and Safety Inspection performed at the WPCF.

b) Water Pollution Control Facility (WPCF)

- Continued to work with the City and EDR on the WPCF Capital Improvement Project. The City has expended \$2,242,523.61 in funds to date.

c) Water Treatment Plant (WTP)

- The Authority has completed the inventory of assets at the WTP using the Nexgen Computerized Management System. A total of 103 assets have been inventoried. The asset inventory includes name, location, photos of the equipment, and other pertinent information such as make model and serial number where available.
- The Authority has completed development of the Preventive Maintenance (PM) schedules associated with key assets in the WTP. PM's help to maintain consistent practices which are designed to extend asset life, improve performance and ensure safe efficient operation of the equipment. A meeting has been scheduled for the week of January 21<sup>st</sup> to introduce and better explain the system to the WTP staff.

2) **WASTEWATER FLOWS / SIU COMPLIANCE:**

During this reporting period, the WPCF had one SPDES permit violation and 20 CSO events. The effluent Settable Solids permit limit of 0.3 mg/L was exceeded by 0.7 mg/L on December 28<sup>th</sup>. The capital improvement project will address this issue by renovating the secondary clarifier system, which will increase the secondary solids settling capacity.

There are 16 CSO points in the collection system inspected monthly and 2 CSO's located at the WPCF that are metered and monitored daily. For the month of December 12 CSO's in the collection system and 8 CSO's at the plant exhibited noticeable overflows.

On December 3, 21, 22, 28, and 29 CSO overflow notifications were submitted to the New York Alert (NYALERT) warning system. These alerts are designed to notify and protect users down stream of these partially treated with disinfection releases of municipal wastewater into the St. Lawrence River.

**Sewer Industrial User (SIU) Compliance**

Permitted SIUs discharging to the Ogdensburg WPCF are:

1. Ansen Corporation, Current Permit Expiration December 31, 2019.
  - Ansen Corporation have collected their semiannual required testing samples and will submit the results to the City along with the required report by January 31, 2019.
2. St. Lawrence County Solid Waste Department (SLCSWD), Current Permit Expiration December 31, 2019.
  - Four thousand gallons of leachate from SLCSWD was received at the WPCF during the month of December. The semiannual required testing is scheduled to be conducted in January 2019 (SLCSWD) with reports due by February 28, 2019.

3) **PERSONNEL**

- Total City WPCF personnel for the month of December included 4 Certified Plant Operators. Two plant 1A operators have applied to take the 2A exam in January 2019.
- During this reporting period 2 WPCF employees completed the hearing conservation/noise vibration training held at the DANC Materials Management Facility at Rodman. This training focused on the safety for each employee exposed to excessive noise/vibration hazards within the work place. This training was conducted at no cost to the City.
- 4 WPCF and 4 WTP personnel completed annual drug and alcohol training provided by the City.
- A total of 44 hours of OT occurred for WPCF staff for the month. These hours include Required and Contractual (RC) overtime.

4) **OPERATIONS**

a) **SLUDGE PROCESSING:**

A total of 46.4 wet tons of sludge was hauled to Casella Organics Facility in Chateauguay with an average monthly tested solids concentration of 25.2 %. A total of 2.7 tons of grit and rags were hauled to the DANC Materials Management Facility.

b) **MAINTENANCE:**

Maintenance activities completed this period are presented below. Unless otherwise noted, the maintenance tasks were completed by WPCF staff.

Completed Work Orders:

- Plant personnel have made repairs to the influent main gate water line which provides operating control to the gate system and regulates the flow into the plant.
- Contracted HVAC personnel have completed repairs to plant boiler No. 1 and returned the equipment back into service.
- Contracted fire extinguisher service completed an annual safety inspection of the plant/lift stations extinguisher equipment. Four units were found to be unserviceable and had to be replaced.

- Plant staff have completed fabrication/installation of three new safety cage metal guards at the lift stations to protect personnel from the pumping system rotating drive shafts.
- Plant operators have finished fabrication/installation of metal guards on five plant heaters to meet required OSHA standards of units installed under seven feet high.
- Plant operators have replaced a pump seal in the No. 2 digester heat pump and placed the equipment back into service.
- Plant personnel continue to correct and remove large blockages of debris in the digester heat exchanger system. These obstructions cause sludge heat transfer problems and possible treatment disruptions.
- Weekly and monthly pump/lift station rounds.
- Monthly CSO inspections.
- Weekly maintenance of WPCF.
- Weekly plant eyewash checks.
- Monthly collection system degreaser added to 7 separate areas within the collection system.
- Performed weekly, monthly, and quarterly required sampling in accordance with SPDES permit.
- Monthly lift station high-level alarm testing.
- Monthly fire extinguisher inspections.
- Monthly chlorine gas monitoring system inspection and test.
- Monthly lift station generator exercising.
- Monthly DMR completed.

#### Open Work Orders

- Plant personnel performed a teardown inspection of the No. 2 digester heat exchanger pumping system. Parts have been placed on order and repairs are projected to be completed in January.

Ms. Purdy  
January 19, 2019

- The fourth and final round of the Whole Effluent Toxicity (WET) testing of the WPCF effluent was completed with the results expected in February.

Open Work Orders Awaiting Capital Project

- There have been no new issues identified this period related to the capital project.

c) **OPERATIONS:**

During the month of December Authority personnel operated the secondary treatment process in the conventional plug flow or step feed mode depending on weather conditions and influent flow levels. Authority and WPCF personnel closely monitor this process to ensure compliance with the City's permit limits.

Should you have any questions regarding this report, please don't hesitate to contact me at (315) 393-2810.

Sincerely,

Robert M. Henninger,  
Water Quality Supervisor

Attachment (s):

- 1) EPA Annual Biosolids Report
- 2) WPCF Monthly Graphs

cc: David Rarick, PE, NYSDEC  
Scott Thornhill, Ogdensburg Director of Public Works  
Brian Nutting, DANC WQ Supervisor  
Robert Henninger, DANC WQ Supervisor



Biosolids Annual Report Landing Page / OGDENSBURG (C)

NPDES ID: NYL029831

Facility Status: Active

Facility Name: OGDENSBURG (C)

330 FORD STREET OGDENSBURG, NY 13669

# View Annual Report



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460  
BIOSOLIDS ANNUAL REPORT

FORM  
Approved OMB No.  
2040-0004

EPA's sewage sludge regulations require certain publicly owned treatment works (POTWs) and Class I sewage sludge management facilities to submit to a Sewage Sludge (Biosolids) Annual Report (see 40 CFR 503.18 ([https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\\_118](https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_118)), 503.28 ([https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\\_128](https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_128)), 503.48 ([https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\\_148](https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_148))). Facilities that must submit a Sewage Sludge (Biosolids) Annual Report include POTWs with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I Sludge Management Facilities (as defined by 40 CFR 503.9 ([https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\\_19](https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_19))), and facilities otherwise required to file this report (e.g., permit condition, enforcement action, state law). This is the electronic form for Sewage Sludge (Biosolids) Annual Report filers to use if they are located in one of the states, tribes, or territories (<https://www.epa.gov/npdes/npdes-state-program-information>) where EPA administers the Federal biosolids program.

For the purposes of this form, the term 'sewage sludge' ([https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\\_19](https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_19)) also refers to the material that is commonly referred to as 'biosolids'. EPA does not have a regulatory definition for biosolids but this material is commonly referred to as sewage sludge that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer. EPA's use of the term 'biosolids' in this form is to confirm that information about beneficially used sewage sludge (a.k.a. biosolids) should be reported on this form.

Please note that EPA may contact you after you submit this report for more information regarding your sewage sludge management program.

## Program Information

Please select at least one of the following options pertaining to your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR part 503. The facility is:

- a Class I Sludge Management Facility as defined in 40 CFR 503.9
- a POTW with a design flow rate equal to or greater than one million gallons per day
- a POTW that serves 10,000 people or more

In the reporting period, did you manage your sewage sludge or biosolids using any of the following management practices: land application, surface disposal, or incineration?

YES  NO

If your facility is a POTW, please provide the estimated total amount of sewage sludge produced at your facility for the reporting period (in dry metric tons). If your facility is not a POTW, please provide the estimated total amount of biosolids produced at your facility for the reporting period (in dry metric tons).

127.96

Reporting Period Start Date: 01/01/2018

Reporting Period End Date: 12/31/2018

Treatment Processes

Processes to Significantly Reduce Pathogens (PSRP):

Anaerobic Digestion

Processes to Further Reduce Pathogens (PFRP):

Physical Treatment Options:

Preliminary Operations (e.g., sludge grinding, degritting, blending)

Thickening (e.g., gravity and/or flotation thickening, centrifugation, belt filter press, vacuum filter)

Other Processes to Manage Sewage Sludge:

Analytical Methods

Did you use any analytical methods to analyze sewage sludge in the reporting period?  YES  NO

Analytical Methods

- EPA Method 6010 - Arsenic (ICP-OES)
- EPA Method 6010 - Cadmium (ICP-OES)
- EPA Method 6010 - Chromium (ICP-OES)
- EPA Method 6010 - Copper (ICP-OES)
- EPA Method 6010 - Lead (ICP-OES)
- EPA Method 7471 - Mercury (CVAA)
- EPA Method 6010 - Molybdenum (ICP-OES)
- EPA Method 6010 - Nickel (ICP-OES)
- EPA Method 6010 - Selenium (ICP-OES)
- EPA Method 6010 - Zinc (ICP-OES)
- EPA Method 351.2 - Total Kjeldahl Nitrogen
- EPA Method 350.1 - Ammonia Nitrogen
- EPA Method 9056 - Nitrate Nitrogen (IC)
- Standard Method 2540 - Total Solids
- EPA Method 9045 - pH (> 7% solids)

Other Analytical Methods

- Other Volatile Solids Analytical Method

Other Analytical Methods Text Area:

EPA 160.4 Total Volatile Solids EPA 365.1 Total Phosphorus, Total as P

- Other Metals Analytical Method

Other Analytical Methods Text Area:

EPA 6010C Potassium

Sludge Management - Land Application

Sludge Management - Surface Disposal

Sludge Management - Incineration

Sludge Management - Other Management Practice

ID: 001

Amount: 127.96

Management Practice Detail: Other

Other Management Practice Detail Description: Sent to a composting facility

Handler, Preparer, or Applier Type: Off-Site Third-Party Handler or Applier

NPDES ID of handler: 1632184

**Facility Information:**

Grasslands Facility/Casella Organics  
 283 Smith Road  
 Chateaugay, NY 12920

**Contact Information:**

Kelli Timbrook  
 Project Manager  
 518-383-0137

Pathogen Class: Class A

Do you have any deficiencies to report for this SSUID?  YES  NO  UNKNOWN

**Additional information**

Please enter any additional information that you would like to provide in the comment box below.

**Additional Attachments**

Name	Created Date	Size
Test results 111318 A and B Quarterly Sludge Cake.pdf	01/08/2019 10:51 AM	450.46 KB
Test results sludge cake a & b 010918.pdf	01/08/2019 10:31 AM	185.99 KB
Test results Sludge A & B 030118.pdf	01/08/2019 10:32 AM	406.20 KB
Test results Sludge Cake A&B 051018.pdf	01/08/2019 10:36 AM	160.04 KB
Test results Quarterly Sludge Cake 081318.pdf	01/08/2019 10:50 AM	166.99 KB

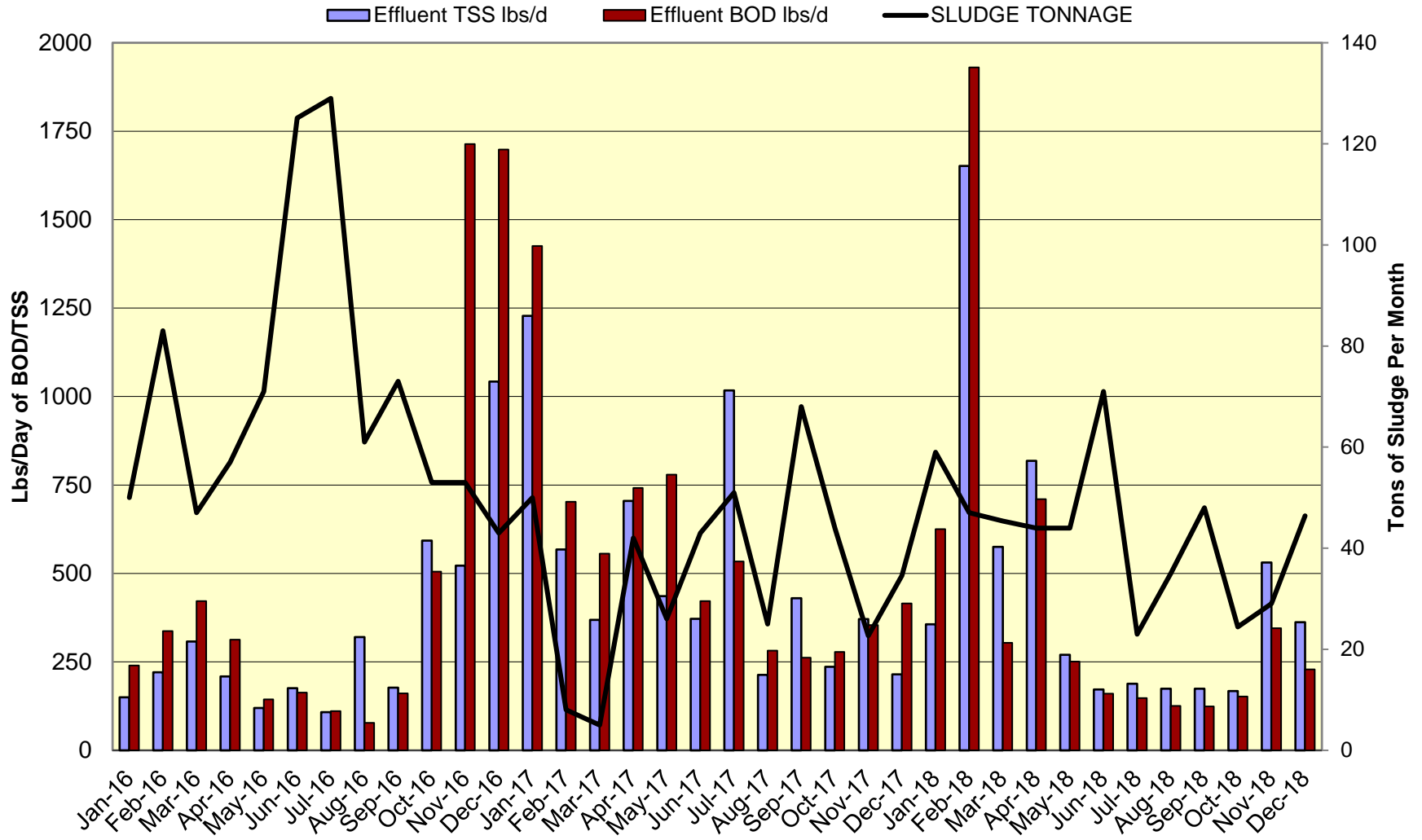
## Certification Information

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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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 have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

**Certified By:** Robert M. Henninger (NYL029831)

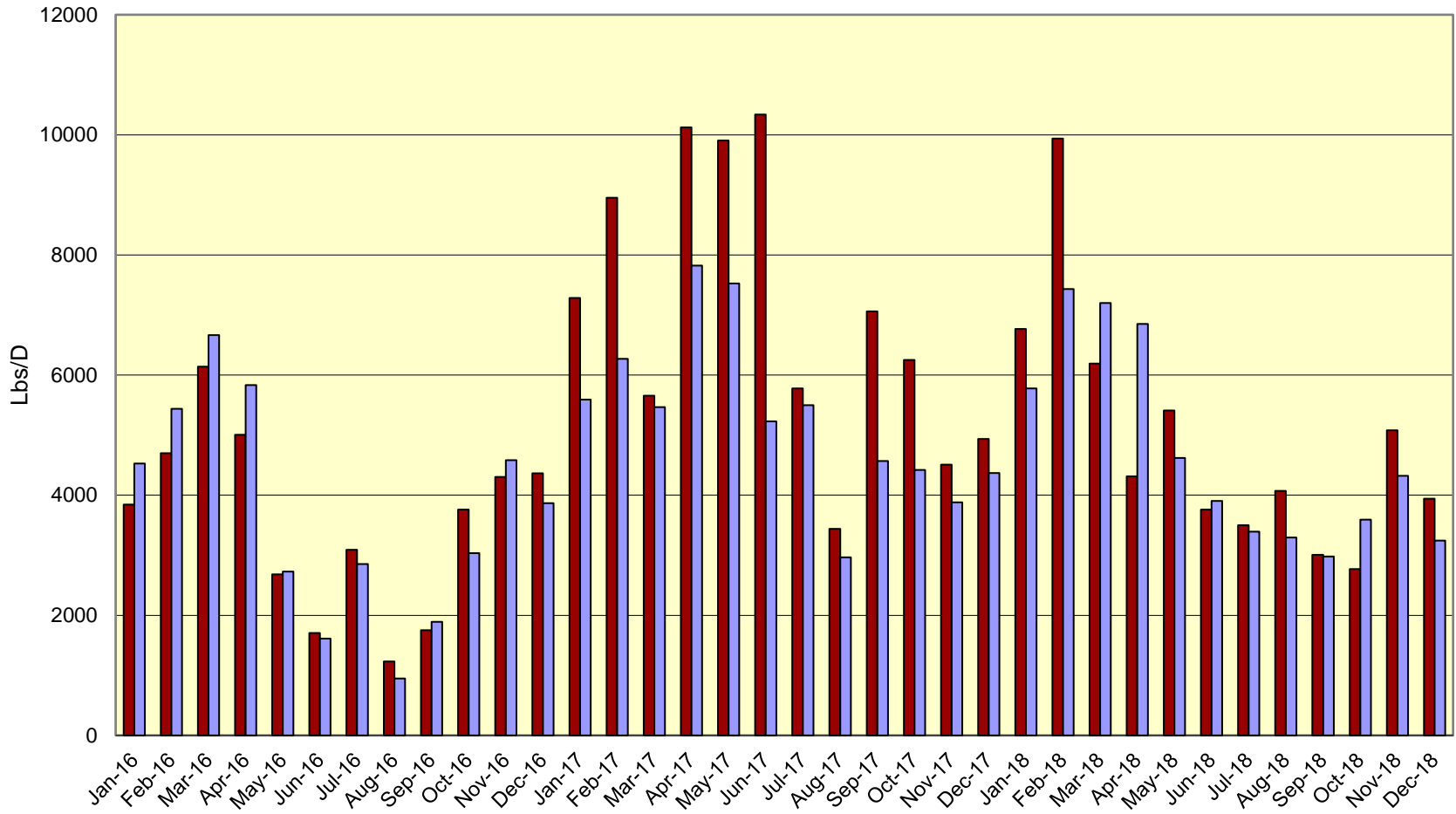
**Certified On:** 01/09/2019 12:58 PM

### City of Ogdensburg WPCF Effluent BOD/TSS & Sludge Processed



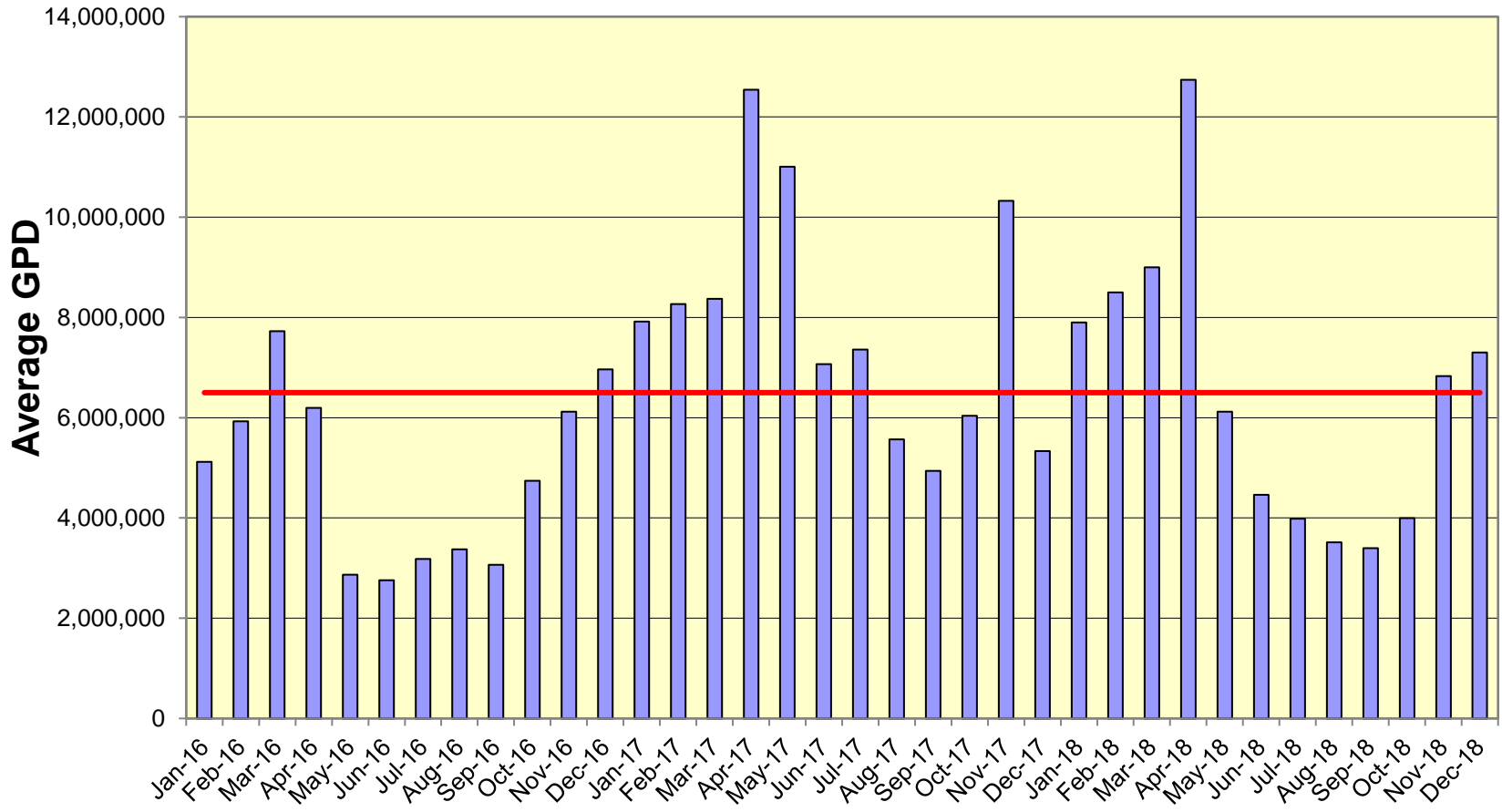
**City of Ogdensburg  
WATER POLLUTION CONTROL FACILITY  
INFLUENT 30-DAY AVERAGE LBS/DAY OF TOTAL SUSPENDED SOLIDS & BOD**

■ Influent TSS Lbs/d    ■ InfluentBOD lbs/d



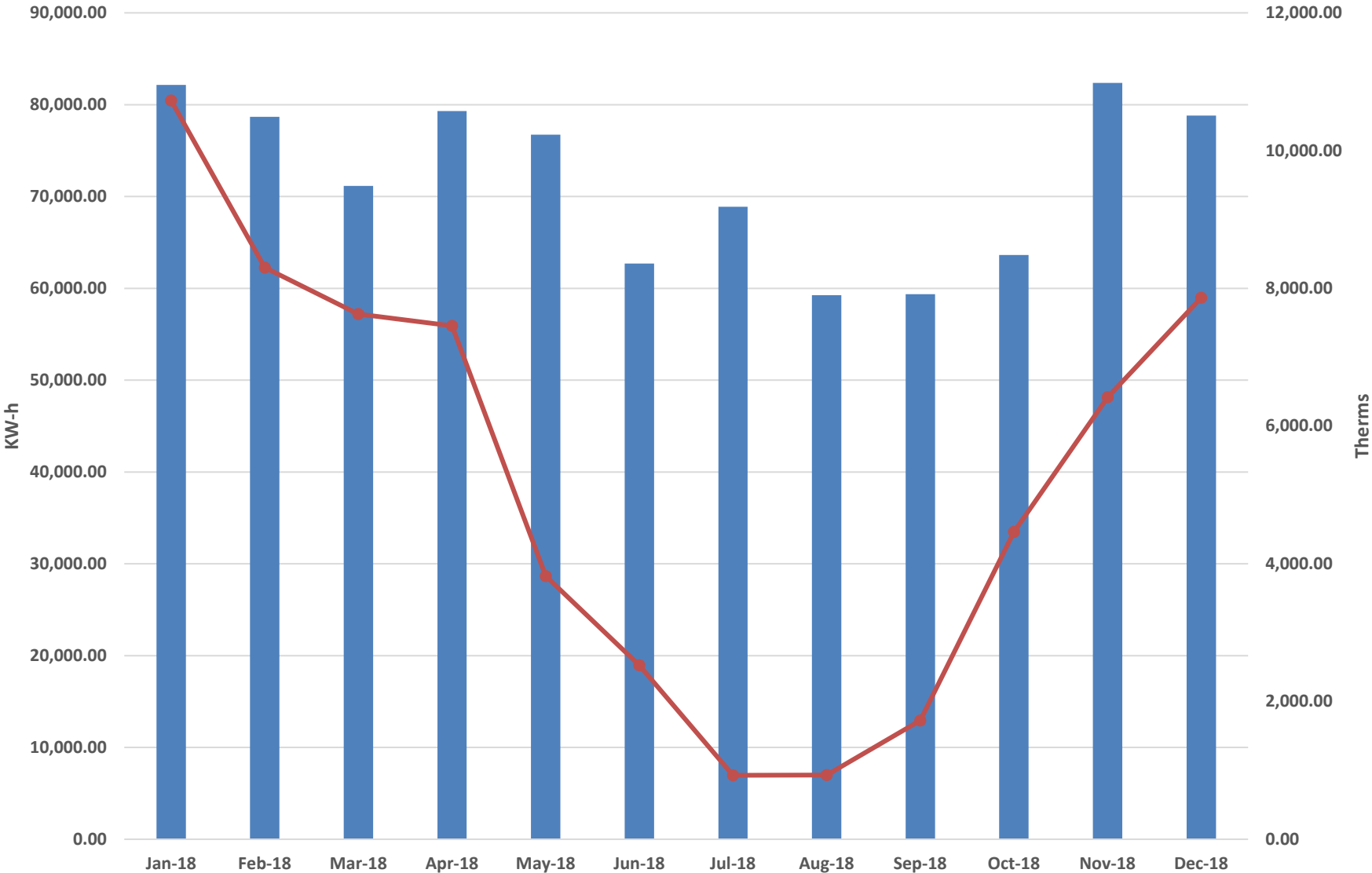
**City of Ogdensburg  
WATER POLLUTION CONTROL FACILITY  
AVERAGE DAILY FLOWS IN GALLONS PER DAY**

EFFLUENT GPD      WPCF Design Flow (6.5 MGD)



# City of Ogdensburg WPCF Utility Usage

Electric (KW-h)    Natural Gas (therms)





# Effluent Chlorine Residual

