

CITY OF OGDENSBURG, NEW YORK

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



Office of the City Manager

MEMORANDUM

MEMO TO: City Council
FROM: Sarah Purdy, City Manager
DATE: September 2, 2016
SUBJECT: Update 16/33

DEPARTMENT OF PUBLIC WORKS UPDATES –

Waste Water Treatment Plant (WWTP) Update

- The second Primary Tank is empty and we will go through and perform the same maintenance as on the first tank.
- We were prohibited from taking the large primary digester completely off line because we cannot get the isolation valves to function properly. We are developing a strategy to make a repair so that we can accomplish this task.
- Initial repair cost for the aeration lagoon's chains and flights is in the \$200,000 range. We will remove all the broken components and most likely allow the lagoon to fill back up. We will look at making the repairs during our capital project.
- We are working closely with DANC to determine our staffing needs. With the uncertainty of knowing the future rating of our plant we are trying to formulate on how best to move forward. We are trying to address the information voids that have been created in the past by cross training our entire staff.
- We are working closely with DANC, GHD and the EFC on the Third Round of Grants. I have authorized DANC to increase our total need to \$15 million dollars. This includes the WWTP as well as the LTCP. We are doing everything possible to ensure that our plan is considered to be a "Phased" project so that we can take advantage of all available funding and maintain our hardship rating.
- NYS DEC has completed their annual inspection. We are going to receive a rating of "Marginal". This is not based upon operations, but due to the condition of the facility and the fairly extensive repairs that are required. See attached report.
- We are taking a serious look at the sewer budget so that we can position ourselves properly at the WWTP and so that we can evaluate our collection system.
- The July 2016 Monthly Status Report for the WWTP from DANC is attached.

Water Filtration Plant Update

- All the filters have received a thorough cleaning. We will start performing cleaning every other week on September 16th.

Equipment

- Truck # 332 – 1991 International – Red Tagged for broken main frame. Truck is not legal to operate under any conditions. We will keep it for a while to use for parts before we salvage it.

Road Cuts

- Local hot mix is limited with Hanson supporting airport project, but we continue to move forward when asphalt is available.

Paving / Milling / Streets

- Shimming (T&L) was performed yesterday on Main St. Shooting to perform top coat tomorrow.
- We are trying to identify and address sign issues. Replacing worn and missing signs.

Sidewalks

- Unit 7 continues to work every day on sidewalk projects.

Unit "6"

- Has been digging every day.
- Working on manhole and drop repairs.
- Performing water and sewer services as they arise.

Brush Pickup

- No brush pick-up this week.

Paterson St

- Punch List work is moving forward slowly.
- We will be assisting with the drainage work near Burger King and SH 37. The City will be lowering our 12" water main to ensure proper coverage after the new culverts are installed as part of the Paterson Street Project.

Solar Array

- The electrical work is proceeding. Panels are being interconnected. Poles have been strung with wire.
- Partial energization is scheduled for no later than September 30th, with full energization taking place by November 30th.
- We are starting some site preparation for a possible second phase of solar.
- We continue to move forward with the Tri-County Energy Consortium. The consortium is in the process of looking at wind power as well as solar, which could get us to our goal of 100% green energy sooner than originally projected.

Storm Drops / Cleaning Sewer Mains

- Crew is working on cleaning drops.

Mowing / Trimming

- On an as needed basis. Summer help is gone.

MISC.

- EAB – no new information.

PARKS AND RECREATION UPDATES –

Recreation Commission Update

Please find attached an update of Parks and Recreation matters and the Recreation Commission meeting Minutes from Matt Curatolo. Budget recommendations from Parks and Recreation will reflect what the Recreation Commission is recommending in the enclosed meeting minutes.

Maple City Marathon

Department staff assisted the Maple City Marathon on August 5, 2016 and Maple City Mini-Marathon on August 6, 2015 with barricades and lifeguards for the two events that were held in the city's Greenbelt and hosted by CGSW Racing.

Senior Picnic

Parks and Recreation hosted a free Senior Picnic in the Greenbelt on August 12, 2016. We had an estimated 50 people attend before rain cut the picnic short. Jim Fitzgerald provided entertainment and the department provided beverages, hot dogs, hamburgers and chips. We will work on a similar event in 2017 and incorporate the Dobisky Center for other senior-related events.

Summer Sports Camp Grant

Our department received notification from the St. Lawrence County Youth Bureau that we received \$2,500 for scholarships to its summer sports camps. Since the funds are coming in after the 2016 sports camp season has completed, we will use it to offset scholarships in 2017.

Luksich Pool

The Elsa M. Luksich Municipal Pool was inspected by Ward Remington from the NYS Department of Health on August 17, 2016. He reported NO major violations and pointed out two minor issues – some peeling paint in a locker room and some rust at the base of the slide that we will take care of next spring before the pool opens.

The pool closed for the summer on August 20, 2016 after opening on June 18, 2016. There was a total of 5,917 people of all ages with another 514 using children's or family passes that used the pool this season. According to our records, there was a total of \$4,297 in revenues for 2016.

Fall Sports

Staff is preparing fields for Kiwanis soccer at Montroy, Champlain, and Park Street fields as well as the football field for Pee-Wee football at Montroy Park.

Trim Crew

As of August 29, 2016, all of our trim crew (seasonal) workers have left for college.

Lockwood Arena Bleachers

The Lowe's Heroes Program is currently working on the details for building the bleachers at the Lockwood Arena. The last update from the company was that the bleachers would be installed sometime in mid-September.



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

W W W . D A N C . O R G

August 29, 2016

RE: City of Ogdensburg
Water Pollution Control Facilities Management Services
July 2016 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:**

- The Authority is developing preventative maintenance and regulatory required tasks to input into a Computerized Maintenance Management System (CMMS) that will generate written work orders and keep track of repairs/breakdowns. This process is expected to take several months to implement and will be utilized on an on-going basis to better manage City WWTP operations.
- USEPA Industrial Pretreatment sampling requirements are under review. The Authority has met with City personnel to better understand the Significant Industrial Permittee billing structure and is working on recommendations to streamline the program and ensure consistency. SIU Facility inspections are due in September and will be completed by Authority personnel.
- NYSDEC conducted an annual review and inspection of the facility on 8/22/16. All administrative and processes were reviewed. NYSDEC Region 6 official was provided a tour of the facilities. Prior conditions were discussed and current condition, activities and proposed maintenance/operations plans were reviewed. Overall the inspection went well with a verbal confirmation that the facility will receive a “satisfactory” review ranking.
- The Authority plans to meet with the Director of Public Works and GHD Staff on August 29th to begin the WWTP assessment required for the Preliminary Engineering Report.

- The Development Authority will be updating the City of Ogdensburg's NYSEFC PLUS Project listing system to reflect and estimated project cost that more accurately reflects the scope and magnitude of the required capital improvements at the WWTP by 9/2/16.
- The City WWTP is required to complete multiple analysis in accordance with the facility's SPDES permit. In July TKN (Total Kjeldahl Nitrogen) and ammonia were required to be sampled once per month. Due to plant operations turn over, interim staff support and an unexpected extended absence of the lab operator (D. King), this sampling was not completed. Additionally, several metals analysis was required. The sample was collected and submitted to the lab; however, the chain of custody neglected to note that arsenic analysis was required. As such that parameter was not analyzed. NYSDEC Region 6 staff was contacted for guidance on how to proceed and they advised to complete a Report of Non-Compliance and include this with the monthly Discharge Monitoring Report (DMR). A sampling schedule has been established and staff training is on-going to ensure that all operations staff understand SPDES sampling requirements. TKN and ammonia are sampled on a monthly basis so these have been collected for the month of August. The quarterly arsenic analysis will be sampled in August. No further action is required.

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

During this period the WPCF had no (0) SPDES permit violations; however a Report of Non-Compliance was completed due to three parameters not being sampled. The average and peak gallons per day handled by the WWTP during the month of July were 3.19 and 20+ MGD, respectively. This extremely high peak flow indicates that wet weather infiltration continues to be a serious issue for the WWTP and creates high risk for SPDES permit violations due to solids being washed-out into the effluent that is discharged into the St. Lawrence River.

SIU Compliance

Hoosier Magnetics and Ansen Corporation submitted their quarterly SIU reports, which were due 8/15/16. Reports are under review and data are being compared to permit limits. Excel tracking sheets are being developed to monitor and trend SIU data.

Permitted SIUs discharging to the Ogdensburg WWTP are:

1. Ansen Corporation, Permit Expiration 3/31/17
2. Hoosier Magnetics, Permit Expiration 3/31/17
3. SLC SWDA, 12/31/17
4. Losurdo Foods (not active at this time)

3) **PERSONNEL**

- On 7/20/16, the City's only licensed 3A operator, D. King, returned to work after being off for an extended period.
- Effective 8/8/16 the second shift press was eliminated and the laborer brought to first shift, thereby allowing for more assistance with maintenance activities.
- Total City WWTP personnel for the month included 0.5 Lab Operator (due to partial absence), 1 Mechanic, 2 Attendants, plus DPW assistance as needed.
- Overtime continues on weekends to fulfill permit sampling requirements. Once staff are cross trained and operations stabilized, further evaluation of potential shift changes to reduce weekend overtime will be explored.
- J. Overstrom (4A license) and B. Crary (3A license), DANC's Water Quality Supervisors, have been managing day-to-day operations until a full-time replacement can be hired. Recruitment is underway.

4) **OPERATIONS**

a) **SLUDGE PROCESSING:**

- A total of 129 tons of sludge was sent to the Solid Waste Management Facility in Rodman with average solids of 39%.
- For the Month of July, digester temperatures have been recorded and monitored on a daily basis. Temperatures have been maintained within the parameters of mesophilic range providing proper vector reduction and digestion of solids. However, the methane gas collection system is not functioning, and it is our understanding from City personnel that the system has never been operational. A full evaluation is required and will be discussed with GHD as part of the engineering evaluation that is presently underway.

b) **MAINTENANCE:**

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

Completed Work Orders

- 5 day per week inspections of 6 pump/lift stations
- Monthly inspections of 17 CSOs
- Primary sludge pump #3 rebuilt
- Scum collector on primary settling tank #1 has been repaired. Tank is back on-line.
- Septage manhole locking mechanism has been installed and manhole is secure. Any authorized hauler must sign in, receive locking wrench from the Chief Operator and record gallons discharged. At this time the facility is only receiving leachate.

- Pump seal water flush lines in S. Main St. Pump Station have been temporarily repaired. Received quote to replace all lines.
- Scum line is plugged so scum cannot be pumped to digesters; cleaning of the scum collection pit is complete. However, cleaning of the scum collector discharge lines may need to be addressed with capital project. In the interim, operations staff are inspecting the pit and are pumping out scum manually. Plumbing for seal water lines in Raw Sludge Building has been replaced by JMS.
- Ventilation for intake air to downstairs pump room: new belts and filters have been installed providing ventilation for the influent room.
- Final settling tanks have been drained and all chain and flights removed. Received quotes for replacement of all equipment. Given magnitude of repairs, the work is recommended to be included in capital improvement project. In the interim, procedures will be developed to manually skim and periodically clean sludge that will build up in the tanks as flights are not functioning properly. The picture on the left (below) illustrates a properly operating chain drive with flights that remove sludge at the bottom of the tank. The picture on the right illustrates a tank with broken flights and chains that is not operating properly. As a result, sludge accumulates on the bottom of the tank and denitrification causes it to rise to the surface where it can be carried out into the effluent, increasing the risk for a SPDES permit violation.



Operable Flights & Chains



Broken Flights and Chains

Open Work Orders

- Some isolation valves on digesters are not functional, which is preventing tank draining and cleaning. Evaluation into options to replace/repair valves is underway.

- Primary sludge pump #2 off line, #3 to be rebuilt.
- Thickener pump #2 waiting on parts and will be scheduled for September.
- Primary tank #2 has been drained for cleaning and maintenance.
- #1 and #3 Main Pumps need to be rebuilt; Siewert performed an assessment to evaluate repair vs. replacement. Awaiting their report to discuss alternatives and costs.
- Controls on plate and frame press do not always function and need attention; this is a lower priority given critical equipment that is inoperable at this time. This item is recommended to be addressed with capital improvement project.
- Waste Activated Sludge (WAS) pumps (2) need repacking.
- RAS pump #1 needs rebuild and is scheduled for September. Pump needs to be removed and rebuilt off-site.
- Heater for intake air to downstairs pump room needs to be fixed before winter.
- Ordered/received hydrogen sulfide and oxygen sensing equipment from R.L. Stone. Units need to be installed by City electrician and calibrated.
- Chlorine gas system has not received annual required maintenance. Obtaining quotes to assess system by outside specialist that works with chlorine gas feed systems.
- Awaiting arrival of new channel grinder for SLPC; checking station daily and cleaning racks manual while waiting for new grinder to arrive. Expect new grinder October 2016.
- Main Street Pump Station does not have VFDs or back-up power. Pumps are cycling every 15 minutes which creates excessive wear. Recommend evaluating station for VFDs as part of capital improvement project.
- New back up batteries and LED alarm lights have been received for the pump stations. Communication equipment upgrades have been ordered and are expected to be installed by 9/15.
- Alarms on all lift stations need to be fully tested. D. Merrill (Authority's Control Engineer) is working with WWTP Mechanic to complete testing and identify any needed repairs.

c) **Operations**

During this period, several process tanks have been systematically taken offline for cleaning and maintenance, effectively resulting in the WWTP operating on half of its design capacity. The ability to take tankage offline for maintenance and cleaning may indicate that there is excess capacity within the WWTP that could be utilized for wet weather operations. This will be discussed with GHD as part of Engineering Assessment for capital improvement project.

Monitoring of filamentous bacteria is ongoing, which can cause problems with sludge settling. Sodium hypochlorite is setup and available, as needed, for filamentous bacteria control.

Should you have any questions regarding this report, please don't hesitate to contact me at 315/661-3259.

Sincerely,

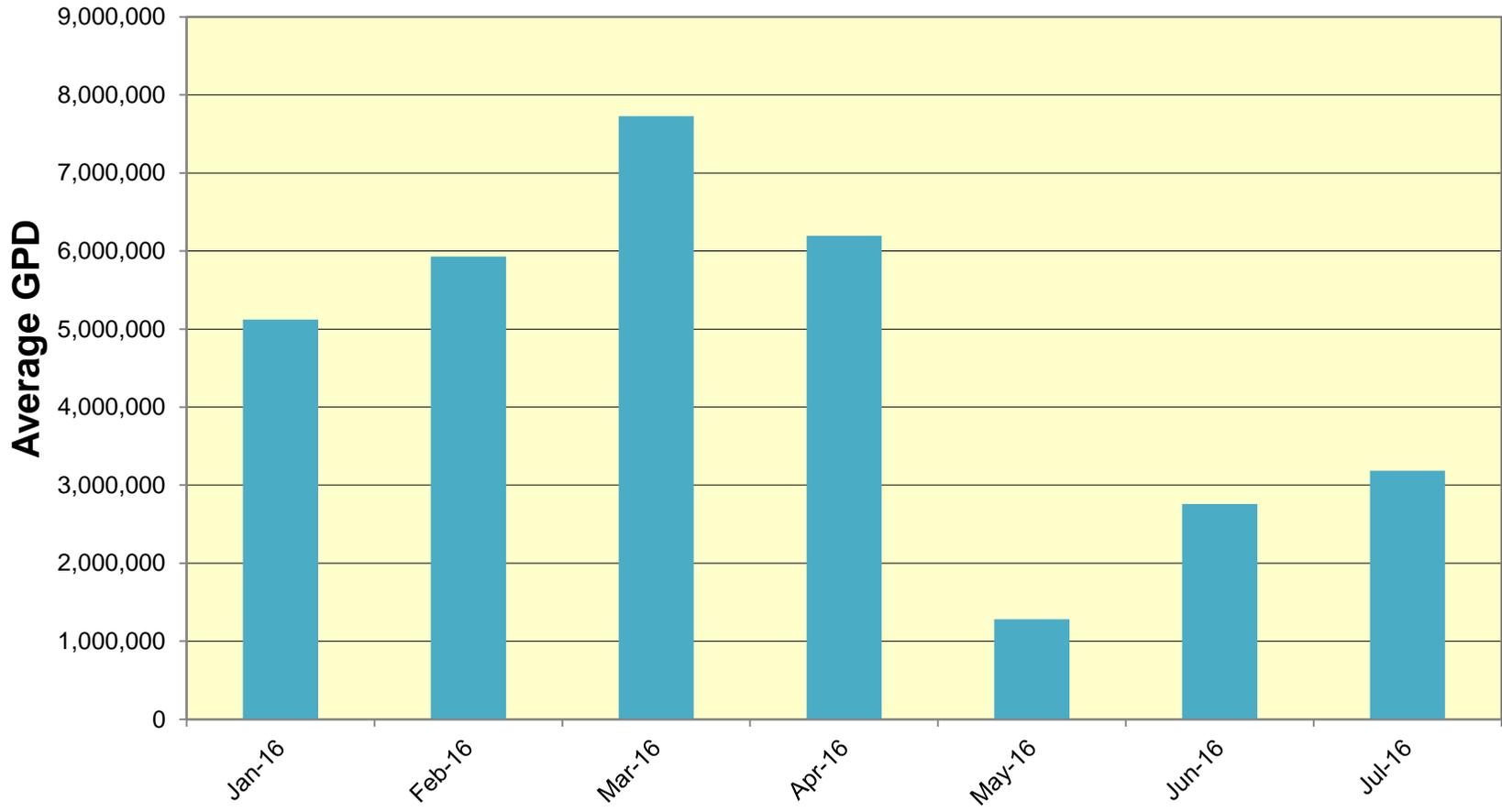
Carrie Tuttle, PhD, PE, CSP
Director of Engineering

Attachments: 1) Operational Graphs

cc: David Rarick, P.E., NYSDEC
Scott Thornhill, Ogdensburg Director of Public Works
Jeff Overstrom, DANC WQ Supervisor
Bart Crary, DANC WQ Supervisor

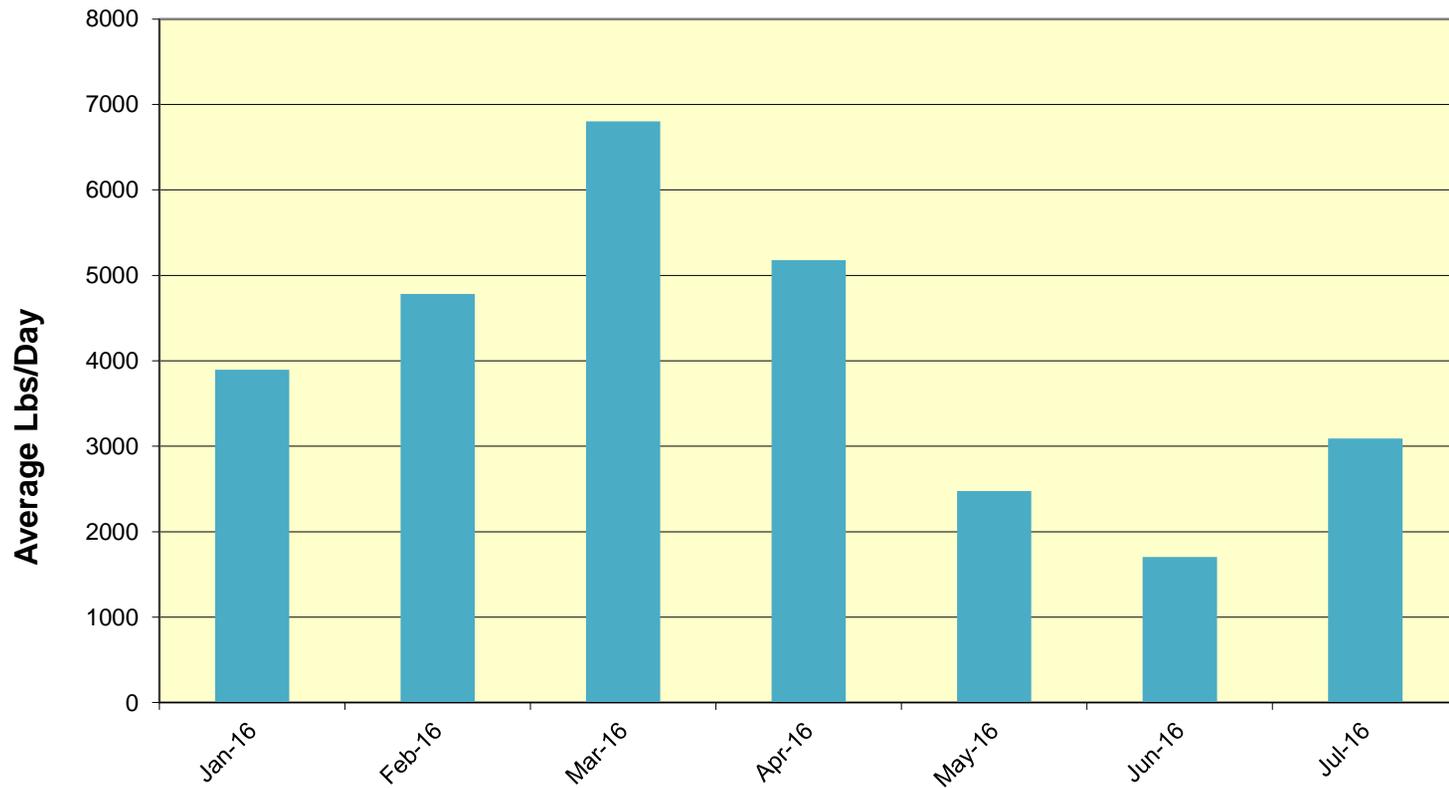
**City of Ogdensburg
WATER POLLUTION CONTROL FACILITY
AVERAGE DAILY FLOWS IN GALLONS PER DAY**

■ EFFLUENT GPD

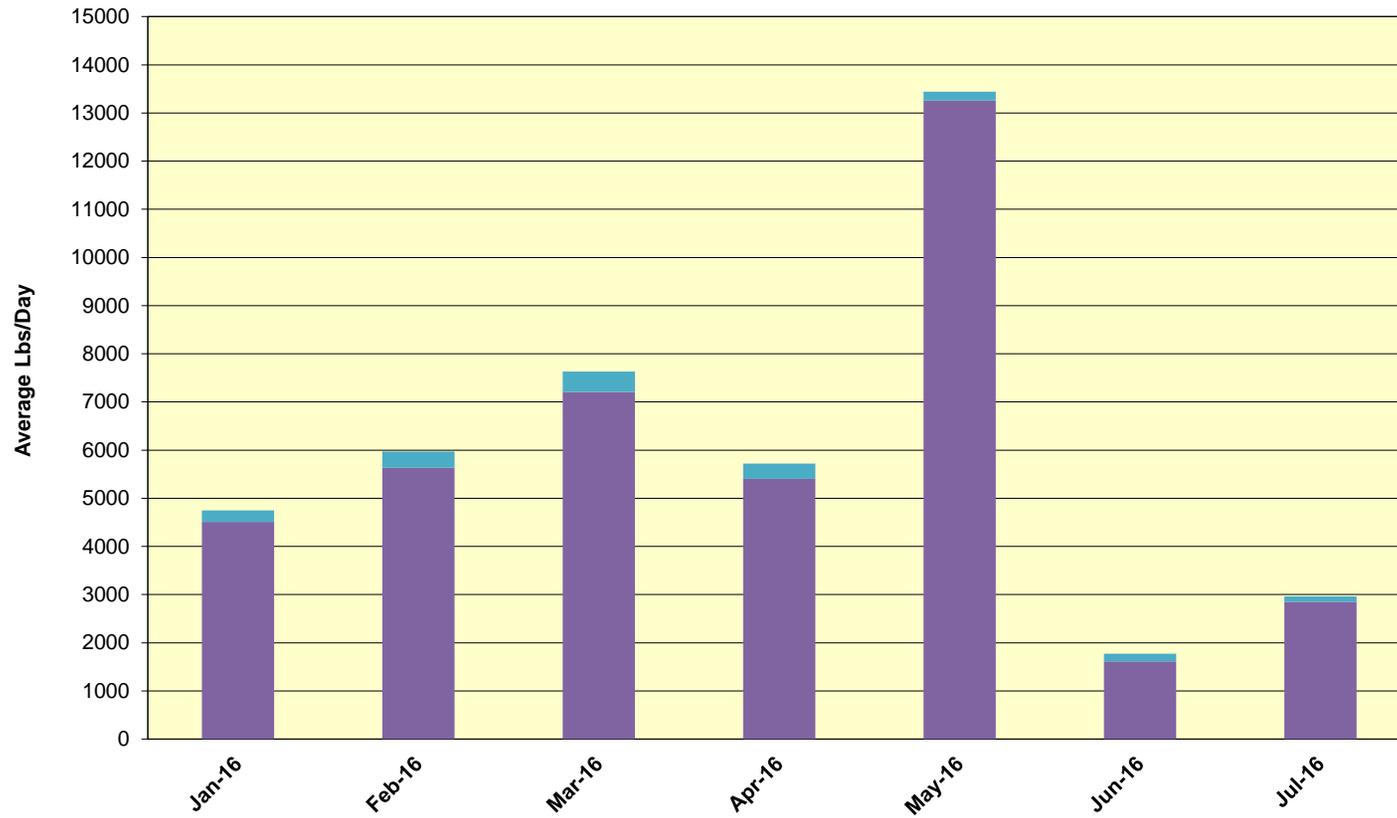


**City of Ogdensburg
WATER POLLUTION CONTROL FACILITY
AVERAGE LBS/DAY OF SUSPENDED SOLIDS (Influent)**

■ Influent TSS

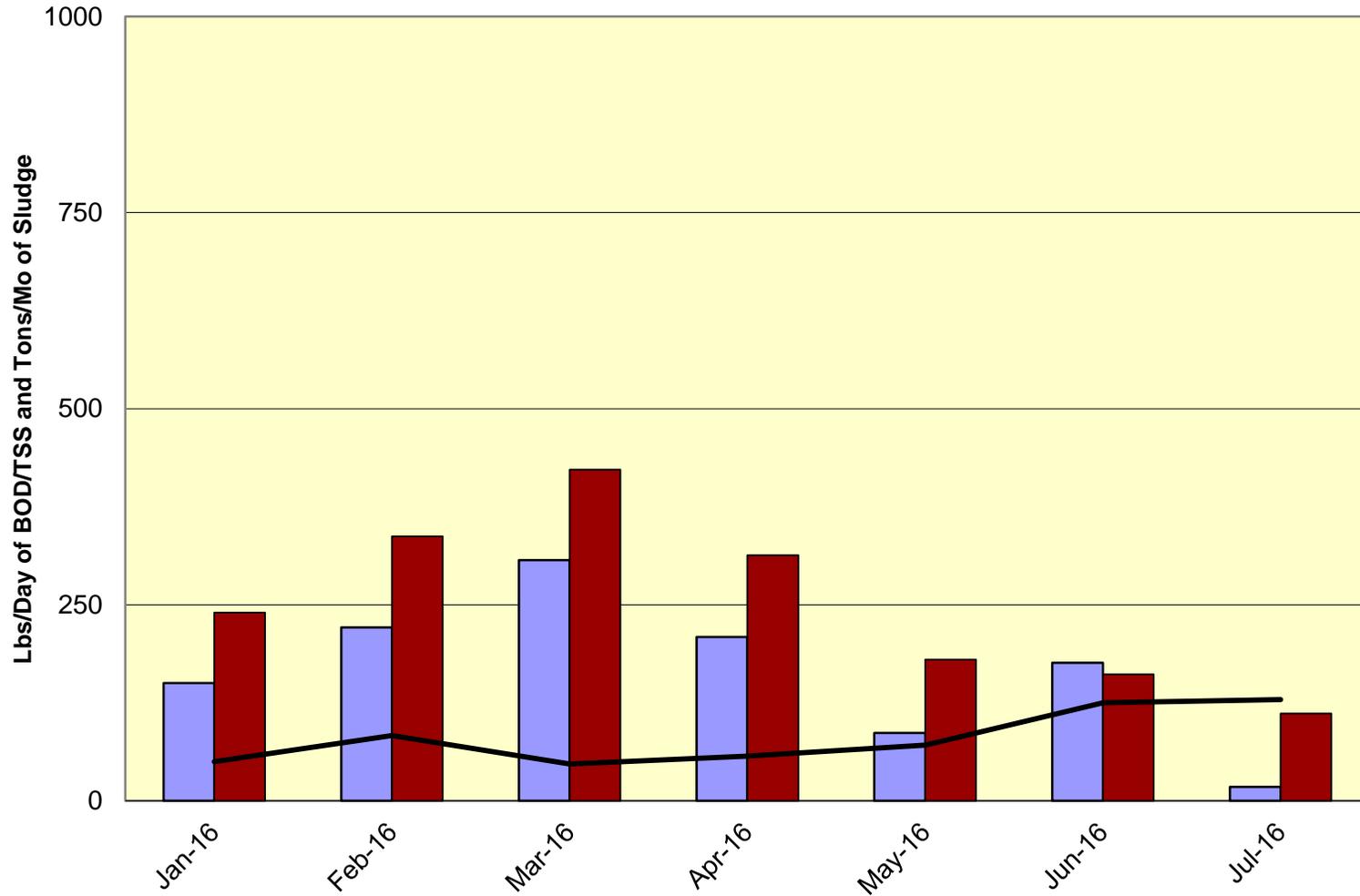


**City of Ogdensburg
WATER POLLUTION CONTROL FACILITY
AVERAGE LBS/DAY INFLUENT BOD**



City of Ogdensburg
WPCF Effluent BOD/TSS & Sludge Processed

Effluent TSS lbs/d Effluent BOD SLUDGE TONNAGE



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Region 6

Dulles State Office Building, 317 Washington Street, Watertown, NY 13601-3787

P: (315) 785-2513 | F: (315) 785-2422

www.dec.ny.gov

August 29, 2016

Mr. Jeffery Overstrom
Ogdensburg Wastewater Treatment Plant
Railroad Street
Ogdensburg, NY 13669

**RE: Annual Comprehensive Inspection
SPDES #NY 002 9831
Ogdensburg (C) WWTP**

Dear Mr. Overstrom:

Thank you for meeting with me on August 22, 2016, to perform an annual comprehensive SPDES inspection of the City of Ogdensburg's Wastewater Treatment Plant. Enclosed please find a copy of the inspection report.

At the time of the inspection, the plant was operating in substantial compliance with the conditions and requirements of the SPDES permit and was producing effluent of good visual quality. However, the inspection rating is Marginal due to deferred maintenance issues and the extensive repairs needed to the aging facility. Please read through the report for details.

If you have any questions, please contact me at 315-785-2513.

Sincerely,



David R. Rarick, P.E.
Environmental Engineer
Division of Water – Region 6

DRR:ebI

Enclosure

ec w/attachments: Scott Thornhill – City of Ogdensburg
Carrie Tuttle – DANC



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF WATER

MUNICIPAL WASTEWATER FACILITY INSPECTION REPORT - RECONNAISSANCE (Part I)

Purpose of Inspection Annual Comprehensive		DEC Region 6	Date of Inspection August 22, 2016
SPDES No. NY# 002 9831	Facility Name Ogdensburg WWTP		Location (C,T,V) Ogdensburg
County St. Lawrence	Name of Inspector David Rarick		Part II Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Summary Rating: Marginal			
Weather Conditions: Sunny, 75F			
Rating Codes: S = Satisfactory U = Unsatisfactory M = Marginal NI = Not Inspected NA = Not Applicable			
Items	Rating	Comments (Note units out of operation/outstanding operation/etc.)	
A. General			
1. Buildings/Grounds/Housekeeping	S	Facility is aging but well kept.	
2. Flow Metering	S	New ultrasonic influent meter in 2011. Calibrated March 9, 2016.	
3. Stand-by Power	S	Diesel generator w/ATS. Tested routinely.	
4. Alarm Systems	S	Remote alarms for pump stations, internal alarms in plant.	
5. Odors/Odor Control	S	Some minor odors near the digesters, but none off site.	
6. Influent Impact on Operations	S	I/I is an issue.	
7. Preventive Maintenance	M/S	Deferred maintenance issues. DANC is instituting a new PM program.	
8.			
B. Preliminary/Primary			
1. Influent Pumps	S	One currently leaking. See notes.	
2. Bar Screen/Comminutor	S		
3. Disposal of Grit/Screenings	S	To Rodman with sludge.	
4. Grit Removal	S	Grit conveyor in rough shape. See notes.	
5. Settling Tanks (2 Primary Clarifiers)	S	One tank offline and ready for use if needed. See notes.	
6. Scum/Sludge Removal	M	Scum line is plugged. See notes.	
7. Effluent	S		
8.			
C. Secondary/Tertiary			
1. (2) Aeration Tanks	S	One tank offline and ready for use if needed. See notes.	
2. (2) Final Settling Tanks	M	One tank offline and needs extensive repairs. See notes.	
3.			
4.			
5.			
6.			
7.			
8.			
D. Effluent			
1. Disinfection (Chlorine Gas)	S	Contact tank cleaned once this year, to be cleaned again soon.	
2. Effluent Condition	S		
3. Receiving Water Condition	NI		
4.			
E. Sludge Handling/Disposal			
1. Digesters (2 Primary, 1 Secondary)	S	Gas collection system not working.	
2. Sludge Pumps	S	See notes for maintenance/repair details on pumps.	
3. Sludge Dewatering (Sludge Press)	S		
4. Sludge Disposal	S	Rodman.	
5. Sludge Thickener	S		
Signature of Inspector: <i>[Signature]</i>		Title: Environmental Engineer	Date: 08/22/2016
Name of Facility Representative: Mr. Jeffery Overstrom		Title: Chief Operator	Date: 08/22/2016

MUNICIPAL WASTEWATER FACILITY INSPECTION REPORT - COMPREHENSIVE (Part II)

Facility Name Ogdensburg WWTP	SPDES Number #NY 002 9831	Comments
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A. Collection System

- (1) 40 % Separate 60 % Combined
- (2) Did sewer overflows occur upstream of the plant in the past year? Yes No N/A
- (3) Reason for overflow(s).
 CSOs due to wet weather.
- (4) Was overflow sewage chlorinated? Yes No N/A
- (5) Were there any unpermitted overflows/bypasses? Yes No N/A
- (6) Were appropriate agencies notified promptly, when required, of each overflow? Yes No N/A
- (7) Is the capability for bypass designed into the plant? Yes No N/A
 If so, list units which can be bypassed.
 All secondary units can be bypassed.
- (8) Does sewage by-pass the plant? Yes No N/A
 Define conditions under which bypass occurs (e.g. what flow):
 Flows up to ~10mgd receive full treatment. Flows between 10-14mgd receive primary treatment and chlorination. Flows over 14 mgd are bypassed entirely.
 Bypass frequency (times per year): 15-20 est.
 Average duration of bypass (hours): 20-30 min. est.
- (9) Infiltration/Inflow problems, e.g., is sewage ordinance enforced with respect to illegal stormwater connections?
 Explain as needed (include reference to corrective action or lack thereof).
 City does have a Sewer Use Ordinance. I/I is an issue.
- (10) Is there a BMP/Wet Weather Operations Plan? Yes No N/A
- (11) Number of pump stations in system: 6
 Number inspected this inspection: 0
 Comments (consider access, ventilation, lighting, emergency power, safety, etc):
 3 main (indoor) pump stations.
 3 lift stations (wet well with submersible pumps).

B. Industrial Waste (Hoosier, Ogdensburg Landfill, Ansen Corporation)

- (1) Are industrial waste loadings causing problems at this facility? Yes No N/A
 Explain as needed (describe nature of problem an extent and adequacy of measures to address the problem):
 DANC will be taking over pretreatment management (currently handled by Lu Engineers).
- (2) Is there a sewer use ordinance? Yes No N/A
 Date: 2014
 Based on Model: _____
 Is it being enforced to control Industrial Waste? Yes No N/A
- (3) Does this facility accept septage? Yes No N/A
 How much?
 The City is no longer accepting septage, at least for now. The City is still accepting leachate.
 How is it introduced?
 Through a dedicated drop in manhole, which delivers septage to the influent pipe via a 6" line. If the City decides to accept septage again, it may change the procedure for haulers.

C. Laboratory Information

(1) Is the permittee using an ELAP certified laboratory? Yes No N/A
 Details: The City has discontinued their ELAP certification. Operators now test for temperature, pH, SS, TRC. Everything else is sent to Life Science.

(2) Is a commercial laboratory used? Yes No N/A
 Lab Name: Life Science Labs (ELAP #01042)

Lab Address: 131 St. Lawrence Ave, Waddington, NY 13694

(3) Pertaining to SPDES Self-Monitoring:
 (a) Does the permittee have a written sampling plan? (Monthly schedule posted in the lab.) Yes No N/A
 If yes, are they following their plan? Yes No N/A
 (b) Is testing done for all parameters at required frequency and punctually reported? Yes No N/A
 (c) Do sampling techniques meet requirements and intent of permit? Yes No N/A
 (d) Are EPA-approved procedures used? Yes No N/A
 (e) Is calibration and maintenance of instrumentation and equipment satisfactory? Yes No N/A
 (f) Is quality control used? (Spiked/duplicate samples) (Now handled by the contract lab.) Yes No N/A
 (g) Should sampling frequencies/types be modified? Yes No N/A
 If yes, please explain:

(h) Are lab records satisfactory? Yes No N/A
 (i) Is a minimum of 3 years data kept? Yes No N/A

(4) Pertaining to Process Control:
 (a) Is testing performed for all necessary parameters? Yes No N/A
 (b) Is testing performed at necessary frequencies? Yes No N/A
 (c) Are procedures technically sound? Yes No N/A
 (d) Is sampling adequate? Yes No N/A

Activated Sludge Facility:

(e) Does the facility operator test for the following:
 MLSS? Yes No N/A
 Dissolved Oxygen? Yes No N/A
 Settleability? Yes No N/A
 Microscopic Analysis of Sludge? Yes No N/A
 Final Clarifier Sludge Blanket Depth? Yes No N/A
 Process Control "Target Values"? Yes No N/A
 (f) Does the facility operator calculate the following process control parameters:
 MCRT? Yes No N/A
 Sludge Age? Yes No N/A
 (g) Is the testing applied towards process control adjustments? Yes No N/A
 (h) What approach (if any) is used to determine changes in:
 Sludge Age?

Waste Sludge Flow?

(i) Was laboratory information used to prepare the DMR and Monthly Operating Report properly? Yes No N/A

(5) Explanation as needed for any of the above:
 The City no longer has a primary lab operator - all operators are rotating in the lab so that all can maintain competency. A revised sampling schedule (daily/monthly/quarterly/process control) has been posted in the lab.

D. Personnel Information

(1) Is staffing and training adequate? (Consider all aspects, including management/supervision, operations, laboratory, maintenance, safety, availability of training, development of staff, etc). Yes No N/A

(2) Certified Operators:

Chief Operator - Name, Certificate Number, Grade, Renewal Date:

Jeffrey Overstrom, #10291, 4A, 04/01/2017 - DANC - currently 3 days per week.

Assistant Operator - Name, Certificate Number, Grade, Renewal Date:

Bart Crary, #8370, 3A, 02/01/2020 - DANC - currently 2 days per week.

Darin King, 11450, 3A, 03/01/2021

(3) Is operational staff certified at the appropriate level(s)? Yes No N/A

Explain if needed:

Tim Adams retired this year. DANC is now managing & providing the Chief Operator for the City. The City may be looking to hire an additional operator.

(4) Do facility operators have renewal certification and/or training records? Yes No N/A

(5) Plant Classification: 4A

(6) Plant Score: 81.0

(7) Explain as needed for any of the above:

Staffing: 8 hours each day (Sun-Sat).

E. Additional Information

(1) Is treatment facility properly operated and maintained? Yes No N/A

Details:

(2) Check Adequate/Inadequate as appropriate:

- (a) Preventive maintenance schedules exist and are followed? Adequate Inadequate
- (b) Records are kept for maintenance, repairs and replacement? Adequate Inadequate
- (c) Spare parts inventory is maintained? Adequate Inadequate
- (d) O&M Manual exists and is available? Adequate Inadequate
- (e) O&M Manual kept up-to-date? Adequate Inadequate
- (f) As-built plans and specifications exist and are available? Adequate Inadequate
- (g) Manufacturers' O&M specifications exist and are available? Adequate Inadequate
- (h) Other records kept as needed (e.g. flow recorder charts)? Adequate Inadequate
- (i) Alarm system for power or equipment failures is properly maintained and tested? Adequate Inadequate
- (j) Standby power system exists and is routinely tested? Adequate Inadequate

(3) Current copy of Part I and Part II of SPDES permit on premises? Yes No N/A

(4) Has facility been subject of complaints (odors, others)? Yes No N/A

If yes, describe:

(5) Is sludge disposal satisfactory and are required permits in force? Yes No N/A

(a) Name and location of sludge disposal site (and/or name and permit number of scavenger):

Sludge is disposed of at Rodman. Annual testing is performed as required by the landfill. Permits are in place for the city to haul sludge to the St. Lawrence County Solid Waste facility (transfer station). The County hauls the sludge to the landfill.

(b) Is there an alternate sludge disposal site or contingency plan? Yes No N/A

If yes, please describe:

The City could dispose of sludge at another landfill, if necessary.

- (6) Does facility have effective administrative structure and adequate financial systems (e.g. Repair Reserve Fund, Uniform Accounting System)? Yes No N/A
- (7) Is progress on compliance schedule(s) (e.g. Upgrading, CSO, Pretreatment) satisfactory? Yes No N/A
- (8) Explanation as needed for any of the above:

The City budget includes items for maintenance and repair of the WWTP. The Supervisor makes recommendations for large expenditures at the end of the budget year (for the next budget year).

F. Inspector Comments

1. The Patterson Street reconstruction project and the weir modification project were completed in 2015.
2. The City had two retirements at the treatment facility in 2014, one in 2015, and the Chief Operator retired this year. DANC is now providing management of the facility, as well as the Chief Operator. The City may look to hire another operator.
3. One of the PSTs was isolated/cleaned/repaired. That PST is back online, and the other PST is down for the same.
4. One of the FSTs has been taken down and needs extensive repairs - flights, chains, sprockets, sludge collectors, etc. The City plans to bring in a contractor to complete the repairs. Once finished, the other FST will be taken down and necessary repairs will also be completed by the contractor (all before winter). The operators are now using hypochlorite for filament control.
5. One of the aeration tanks has been taken down for cleaning and maintenance. The other has been switched from contact stabilization to plug flow.
6. The following items have also been done or are in progress:
 - a. Two primary sludge pumps have been rebuilt, and the third is in the process of being rebuilt.
 - b. One of the thickener pumps has been repacked. The other will be done soon.
 - c. One of the RAS pumps will be rebuilt and will get a new VFD.
 - b. The chlorine contact tank has been cleaned once this year, and will be cleaned again next week.
7. The following items are planned or need to be addressed:
 - a. The scum removal line (primary to digesters) is currently plugged.
 - b. The drain to the dewatering pad may be plugged.
 - c. The blades on the grit conveyor are in bad shape and need to be repaired. The conveyor itself may need to be replaced.
 - d. One of the influent pumps is leaking. Siewart is working on a quote to repair.
 - e. Digesters/gas collection system is not working correctly.
8. DANC plans to leave one PST, one aeration tank, and one FST down until needed. DANC believes that, due to the current influent loading, the plant will operate more efficiently by using half the treatment train.
9. GHD is developing a PER to support a large capital project (~\$13 million), which is expected to be complete in about 4 months. The entire facility will be evaluated, including the digesters, gas collection system (which has never worked), chlorination system (switching from gas to liquid chlorination or UV will be evaluated), etc. In addition to the PER, GHD is revising/updating the LTCP (the current LTCP was approved on 07/26/2012).
10. DANC will be taking over management of the City's pretreatment program (currently managed by Lu Engineers).
11. Since the last inspection (07/2015), the City exceeded permit limits for flow in March 2016 and settleable solids in June 2016. There were no other exceedences.

Signature of Inspector: 	Title: Environmental Engineer	Date: 08/22/2016
Name of Facility Representative: Mr. Jeffery Overstrom	Title: Chief Operator	Date: 08/22/2016

**OGDENSBURG PARKS & RECREATION DEPARTMENT
UPDATE TO RECREATION COMMISSION – 8/25/2016**

On July 24, the department held the 6th annual Sandbar Classic Fishing Derby with 139 registrants and over \$1,600 in prize money going to the winners in the adult division. Youth division winners received prizes courtesy of the family of the late Al O'Marah. The derby has increased in numbers each year with 132 in 2015. The derby was able to use funds provided by Sen. Patricia Ritchie's fishing promotion grant issued by Empire State Development. Sponsors include Ampersand Power, Hosmer's Marina, Dirty Gringo, Claxton-Hepburn Medical Center and Larry's Taxidermy.

On July 27, a 2016 F-250 was delivered by Van Bortel Ford. This was a lease to own purchase (5 years) approved by council in the 2016 budget.

The department is once again hosting its Concert in the Park series for the summer. Concerts from local performers will be the following:

Aug. 12 – 11 a.m. – 1 p.m. in the Greenbelt will be Jim Fitzgerald and the Starlighters with Jack Kelly's Big Bang performing from 6-7 p.m. at Library Park;

Aug. 19 – Pat Duffy from 6-7:30 p.m. at Library Park;

Aug. 26 – Alternative Motives from 6-7:30 p.m. in Library Park.

Department staff assisted with annual Seaway Festival celebration. Overtime costs associated with the fireworks, parade and other events totaled \$1,890.86 with another 41.25 hours of comp time for this year's festivities.

Department staff assisted the Maple City Marathon on Aug. 5 and Maple City Mini-Marathon on Aug. 6 with barricades and lifeguards for the two events that were held in the city's Greenbelt and hosted by CGSW Racing.

The department hosted a free Senior Picnic in the Greenbelt on Aug. 12. Had an estimated 50 attend before rain cut the picnic short. Jim Fitzgerald provided entertainment and the department provided beverages, hot dogs, hamburgers and chips. Will work on a similar event in 2017 and incorporate the Dobisky Center for other senior-related events.

The department received notification from the St. Lawrence County Youth Bureau that we received \$2,500 for scholarships to its summer sports camps. Since the funds are coming in after the 2016 sports camp season has completed, we will use it to offset scholarships in 2017.

The Elsa M. Luksich Municipal Pool was inspected by the NYS Department of Health's Ward Remington on Aug. 17, 2016. He reported NO major violations and pointed out two minor issues – some peeling paint in a locker room and some rust at the base of the slide - that we will take care of next spring before the pool opens.

The pool closed for the summer on Aug. 20 after opening on June 18. The pool saw a total of 5,917 people of all ages walk through the doors with another 514 using children's or family passes. According to our records, the pool saw a total of \$4,297 in revenues for 2016.

The department's annual summer sports programs have come to an end. Below is a comprehensive breakdown of each camp. The department is currently reviewing each camp for the 2017 budget. One camp that will not be brought back for 2017 is the softball camp due to poor numbers for the second straight year. We will combine softball with our baseball camp in the future.

CAMP	RENT	COACHING SALARY	# PARTICIPANTS	TOTAL \$	+/-
Baseball	\$0	\$540	25	\$625	\$85
Soccer Session 1	\$0	\$780	31	\$775	(\$5)
Soccer Session 2	\$0	\$780	28	\$700	(\$80)
Track	\$0	\$300	20	\$500	\$200
Football	\$0	\$360	16	\$400	\$40
Lacrosse	\$0	\$480	25	\$625	\$145
Cheering Session 1	\$0	\$660	21	\$525	(\$135)
Cheering Session 2	\$0	\$660	12	\$300	(\$360)
Gymnastics	\$495	\$660	47	\$1,175	\$20
Softball	\$0	\$480	5	\$125	(\$355)
Basketball	\$330	\$600	57	\$1,425	\$495
Wrestling	\$0	\$0	30	\$750	\$750
Hockey	\$0	\$660	22	\$550	(\$110)
TOTALS:	\$825	\$6,960	339	\$8,475	\$690

RECREATION COMMISSION MEETING
Aug. 25, 2016 – 6 p.m. – Dobisky Visitors' Center

MEMBERS ATTENDING : Members Julia Stevenson, Lauren Morley, Jim Adams; Matthew Curatolo (Recreation Director); Sarah Purdy (City Manager)

MEMBERS ABSENT: John Reed (excused); Larry Mitchell (excused); Tom Pinkerton (excused)

ACTION/DISCUSSION:

SKATEBOARD PARK DISCUSSION – The recreation commission reviewed the policies and issues facing the skateboard park. Earlier in the spring, issues such as fighting, swearing and other negative behavior caused the department to implement a skateboard park monitor for the summer at a cost of roughly \$4,500.

The monitor has helped curb the negative behavior and skateboarders are able to enjoy the facility without being harassed by people hanging out or kids on bikes getting into the way. The commission stated in the spring that it would take a look at the skateboard park at the end of the summer.

The commission looked at a number of options regarding the skateboard park:

- Close it down;
- Move it to a different location, possibly behind the arena;
- Keep it open without a monitor;
- Keep it open with a monitor at same hours at a cost of roughly \$4,500;
- Keep it open with reduced hours at a reduced cost.

Mr. Curatolo recommended reducing the hours of the skateboard park and continuing to have a monitor in place for 2017 instead of drastic measures such as moving or closing the facility. His recommendation was to have it open from June to the end of August for 12 weeks, possibly Friday-Sunday from 2-8 p.m. This would cost roughly \$2,100. Staff could adjust and alter the reduced hours as well, but limit it to 18 hours a week.

Commission members agreed that a monitor was needed and that reducing the hours was more beneficial than closing the skateboard park outright. It would continue to offer the park to the community and provide summer employment options as well.

The commission's recommendation to city council was to reduce the hours of operation and to continue to have a monitor in place when the park was open. Mr. Curatolo also stated that he was going to give the monitor more duties to help in the Greenbelt area when he/she was working as well.

POOL PROPOSAL – During the 2016 summer, lifeguards collected attendance numbers at the city pool so department staff could take a look and analyze trends. Mr. Curatolo said that what

the numbers showed was a decline in attendance between the hours of 6-8 p.m. Average numbers were 5 people from 6-7 p.m. and 4 people from 7-8 p.m. Some evenings did not have any attendance at all.

Pools in the North Country vary in hours of operation but many do not stay open until 8 p.m. like the city pool does. Hours of operation for a number of area pools are below:

- Watertown – 11:30 a.m. – 7 p.m. (holidays from 11 a.m. – 5 p.m.)
- Syracuse – 12-6 p.m. at Kirk Park and Lincoln Park pools; Burnet Park Pool 12-7 p.m.
- Clayton – 12:30 – 5 p.m.

Mr. Curatolo said that one proposal that the department will be looking at for the 2017 budget will be cutting the pool's hours of operation by two hours a day, from 12-8 p.m. to 12-6 p.m. He said that due to the low attendance numbers it would make sense fiscally to reduce the amount of hours the pool is open then to pay 5 lifeguards each evening to supervise limited numbers of swimmers.

The 2016 budget for the pool in regards of salaries was \$40,248 for public swimming from 12-8 p.m. By closing earlier in the evening, the cost drops to \$28,028 in salaries, according to Mr. Curatolo. This includes the minimum wage hike from \$9 to \$9.70 (lifeguards will be paid \$9.85 per hour while head lifeguards will be paid \$10.85 per hour). Cutting two hours a day will save the city \$12,220 in salaries.

Mrs. Morley said that even with the reduced hours, the pool will still provide 6 hours a day of public swimming at the pool, seven days a week as well as maintain its current slate of programs such as swimming lessons, early-bird swim and infant-toddler swim.

The commission recommends to city council that they approve in the 2017 budget the proposal to reduce the time the city pool is open each day from 12-8 p.m. to 12-6 p.m.