

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: June 9, 2016
SUBJECT: Update 16/21

St. Lawrence Psychiatric Center

The City has an approved access agreement with various State agencies that enables our surveyor, Rick Jacobs, and our consulting engineer from Barton and Loguidice to go onto Parcel A and conduct a land survey and a Phase I Environmental Site Assessment. Both activities are now underway.

In addition, State Legislation is pending that addresses the terms and conditions of the sale of Parcel B and Parcel A-3 to the City; a copy of the draft legislation is attached. Parcel B is approximately 50 acres along the riverfront. Parcel A-3 is approximately 6.4 acres adjacent to Parcel A, and includes the farmhouse and manor structures. Sen. Ritchie's office has advised me that a home rule request is necessary from the City as part of this process, so that resolution will be on the agenda for the June 13 city Council meeting. Adopting the resolution does not bind the City to making the purchase; it simply enables the State to sell the property to the City and the City to purchase the property from the State if all parties agree to do so. More discussion will be needed about the exact terms of any sale, but that process cannot be moved forward without the home rule resolution.

Development Authority of the North Country (DANC)

Vicky Murphy of DANC is now on board providing Water Pollution Control Facilities management services, and has submitted the first of what will be a regular monthly report. The report is attached to this update as a pdf. DPW Director Scott Thornhill and I are excited about the first results of Vicky's work. We have been aware of some of the issues identified in the report, specifically that the facilities are operating under an expired SPDES permit, and that repairs are needed to various items as listed on page 4 of the report. We also knew that DANC would be able to assess what efficiencies we can gain in our daily operations, and pleased at how

quickly DANC has identified the first batch of these. Carrie Tuttle and Vicky Murphy of DANC will be present at the June 27 City Council meeting to answer questions.

Grant applications

Thanks to Planning and Development Director Andrea Smith, the City's Downtown Revitalization Initiative grant application was submitted timely, and we are now working on the regular Consolidated Funding Application. Toward that end Andrea and I will attend CFA workshops at Clarkson on Friday, June 10.

False Alarms

A suggestion was made at the May 26 City Council meeting that the City charge for responding to false alarms. Ogdensburg's Municipal Code does enable the City to do so on a graduated basis depending on the number of reoccurrences, but the Code language needs modification to provide clarity, and staff will address that in the coming weeks. The Fire Department has not experienced any repeat false alarms and the Police Department has experienced only a few reoccurrences.

Department of Public Works Updates

WWTP Update

- Waiting on State Civil Service Commission to offer 4A test.

WFP Update

- As you are aware approximately 12 weeks ago we experienced a failure of our #1 water intake pump. This pump was replaced yesterday, and all is well. Over the weekend we temporarily lost our drive unit to our #2 water intake pump. WFP Staff, Matt Denner and Larry Mix were able to perform some rewiring that allowed them to bring pump #2 back on line until yesterday's replacement was completed. We will be fixing our #2 drive unit next Monday (6/13) and will be implementing physical, mechanical and operational safe guards to avoid similar issues in the future.
- Filter cleaning has been suspended until both intake pumps are back up and running.
- The million gallon tank is scheduled for inspection this Friday (6/10), the ½ million gallon tank was inspected last fall. Internal identified deficiencies will be repaired on both the ½ million and million gallon tanks by the inspection team. Findings on the exterior of the tanks will be reviewed and bid specs will be created for the exterior painting of the tanks. We originally targeted (budgeted) one tank to be painted inside and out in 2016 and one in 2017. With our ability to make underwater repairs inside the tanks, both tanks might be able to be painted this year at a significant savings to the City. The tanks can go 10-12 years between paintings. WFP staff need to be lauded for their outside the box thinking.

Equipment

- No updates at this time

Road Cuts

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

Paving / Milling / Streets

- Milling is going well. Ford St., Riverside Ave. and Lafayette St. were completed as of yesterday. We are tackling Elizabeth St. today with Jay St. being the last street in the first round. The second round is tentatively scheduled for August 8th.
- We are planning on paving the first round (23 blocks) between July 11th & 22nd so we are done before the Seaway Festival.
- We are trying to identify and address sign issues. Replacing worn and missing signs.

Sidewalks

- Unit 7 has a nice jump on their work list. Multiple radiuses are being completed in conjunction with our street paving.
- Working on the City-owned Mall sidewalk at this time. This is a larger project.
- We are receiving complaints that are being added to the list.

Unit "6"

- We have experienced three (3) significant sink holes in the last week. Two are a direct result of our aging infrastructure. 24" clay tile pipe simply cracked and failed. The other sink hole was the result of an incomplete tie-in between manholes approximately 10 years ago.
- Working on manhole and drop repairs.
- Performing water and sewer services as they arise.

Brush Pickup

- First Ward and Proctor Ave areas were successfully completed.

Paterson St

- Punch List work started this week. I walked the entire route with Tony, Chad and Charlie from B&L and Tom Valentine from JE Sheehan in an attempt to ensure that all punch list items have been identified.
- NYS DOT drainage near Burger King is still under design and conversation.

Solar Array

- The process is in limbo due to the delay of National Grid to provide the interconnect. Sol-bright will re-mobilize when the interconnect date is firmed up.
- Partial energization is scheduled for no later than September 30th, with full energization targeted by November 30th.
- 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

- Spring flushing of mains has been completed.
- Crew is working on cleaning drops.

Mowing / Trimming

- We have started our summer trimming and mowing.
- We are currently being swamped with weed ordinances.

St. Lawrence Psychiatric Center
Parcels A-3 and B legislation – Proposed Redraft

Section 1. The commissioner of the office of general services is authorized and empowered to transfer and convey to the City of Ogdensburg the state property described in section two of this act, said property being a portion of the St. Lawrence Psychiatric Center located in the City of Ogdensburg, St. Lawrence County. Such transfer and conveyance shall be for fair market value and upon such other terms and conditions as said commissioner may determine. Due to the proximity of the land and improvements to be transferred and conveyed to existing mental health and correctional facilities, said terms and conditions of any transfer and conveyance, including the proposed use of said land and improvements and the retention, or replacement in kind, of existing staff housing serving the St. Lawrence Psychiatric Center and located on the lands to be conveyed, shall be subject to the approval of the commissioner of the office of mental health, the commissioner of the department of corrections and community supervision, and the director of the division of budget.

§2. The lands authorized by this act to be conveyed consists of two parcels of land at the St. Lawrence Psychiatric Center, in the City of Ogdensburg, St. Lawrence County, and is generally described as follows:

Parcel B: 50 acres for residential development bounded by the Saint Lawrence River to the northwest, on the south by River Drive, northeast of Bridgeview, to include all of the surplus land abutting the Saint Lawrence River between Bridgeview and Trinity buildings NOT to include building numbers 65, 66, 67, 225 or 226, but to include building numbers 10, 13, 17, 31, 62, 63, 64, 88 and 89.

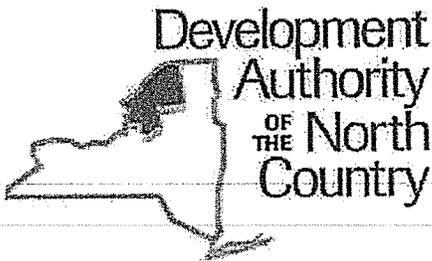
Parcel A-3: 6.4 acres for commercial development adjacent to Parcels A-1 and A-2 and south of property under the jurisdiction of the department of corrections and community supervision, to include building numbers 48, 68 and 76.

§3. Any subsequent solicitation for residential development by the City of Ogdensburg on Parcel B shall include a requirement that said development will provide at least fifteen percent of proposed rental dwelling units to office of mental health recipients in need of supported housing, with service provision to be coordinated by the office of mental health and a voluntary provider and with said units subject to the OMH Supported Housing Guidelines. Certain matters relating to this conveyance shall be determined pursuant to a memorandum of understanding between the city of Ogdensburg and the commissioner of the office of mental health, including but not limited to, the exact percentage of set aside units, the dispersal of these units throughout the proposed residential development so as to avoid any clustering, payment of survey costs, and utility connection and road access to the parcels described in section two. In addition to the aforementioned, the State may assist the city in marketing and promoting any of the parcels described in section two to private developers.

§4. The description in section two of this act of the lands to be conveyed is not intended to be a legal description, but is intended only to identify the premises to be conveyed. As a condition of purchase the City of Ogdensburg shall submit to the commissioner of the office of general services for said commissioner's approval an accurate survey and description of the lands generally described in section two of this act, which may be used in the conveyance thereof.

§5. The commissioner of the office general services shall not grant the land described in section two of this act unless application is made therefor by the City of Ogdensburg within one year after the effective date of this act.

§6. This act shall take effect immediately.



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

June 6, 2016

RE: City of Ogdensburg
Water Pollution Control Facilities Management Services
May 2016 Monthly Status Report
SPDES Permit No. NY-0029831

Dear Ms. Purdy:

Services performed for the month of May 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 Development Authority's Ogdensburg representative started at the Plant on May 17th and was given a tour by Plant personnel.
- Reviewed the Ogdensburg State Pollutant Discharge Elimination System (SPDES) permit and drafted recommendations to streamline compliance.
 - Plant personnel are currently analyzing influent BOD₅ daily which is not required (Permit requires sampling of influent & effluent two times per week). Since this test does not produce results for 5 days, thus not being used for process control, it is recommended that this be discontinued unless or until there is a purpose (such as a cheese plant discharging to the Plant or an upset).
 - Personnel are currently analyzing influent TSS (total suspended solids) daily which is not required (Permit requires sampling of influent & effluent two times per week). Unless this is being used to modify the process, it is recommended that this be discontinued.
 - The current SPDES Permit that the Plant is operating under expired on 1/31/2012. Plant staff submitted the Plants renewal application before the application due date (submitted in April of 2011 and due by 8/4/11) and the NYSDEC has informed Ogdensburg that their current permit will remain in effect under the provisions of the State Administrative Procedure Act (SAPA).

- Before the NYSDEC issues a Permit renewal and modification, they will send a draft for comment. It is recommended that Ogdensburg review in detail and provide comments if necessary.
 - If a modified permit is not received prior to 2018, it is recommended that Ogdensburg request that Whole Effluent Toxicity testing be waived until a new Permit is issued. The current Permit expired in 2012 but since Ogdensburg is still operating under this Permit, this testing has been done twice already and is a costly testing program with high variability and low confidence level.
 - There appears to be no requirement for inspecting pump/lift stations and although this is a good practice, if the alarms are functioning, there is no need to inspect on weekends.
 - Significant Industrial Users (SIUs) are being sampled and inspected twice a year, Permit only requires once per year. Also, sampling is being paid for by Ogdensburg and should be billed to the industry.
- Received quotes from two laboratories to perform BOD₅, TSS, and fecal coliform analyses (see attachment). It is recommended that the City utilize an outside laboratory for the three analyses for cost and efficiency purposes. There is currently one employee who is assigned to the laboratory full time. Utilizing an outside laboratory for the three tests would result in;
 - Approximately 4 additional hours of Operator time per day for process and maintenance tasks;
 - No annual fee of \$500;
 - No volume fee (varies);
 - No analyte fee (varies);
 - No inspection fee;
 - No Quality Control testing; and
 - No proficiency testing
 - The Plant hosted representatives from PWTech for a demonstration of their Volute Dewatering Press on 5/3 – 5/5.
 - The Plant hosted representatives from Schwing Bioset for a demonstration of their Screw Press Dewatering System on 5/24 – 5/26. A report of the equipment performance is forthcoming.
 - Met with engineers from C2AE and discussed status of future Plant improvements.
 - Contacted NYSDEC Plant representative, David Rarick, to determine ELAP requirements for settleable solids and found that the NYSDEC does not enforce ELAP certification for the analysis of settleable solids. Therefore the Ogdensburg Plant staff can continue to perform this analysis without ELAP certification.

2) WASTEWATER FLOWS / SIU COMPLIANCE:

WPCF flows and loads are detailed on the attached graphs for the month. In May 2016 the WPCF had BOD removal efficiencies of 95% and TSS removal efficiencies of 95%. During this period the WPCF had no SPDES permit violations.

SIU Compliance

No Significant Industrial User (SIU) violations occurred during this period. The Annual Pretreatment Report was submitted by Lu Engineers.

Current SIU's discharging to the Ogdensburg WWTP:

1. Ansen Corporation
2. Hoosier Magnetics
3. SLC SWDA

3) PERSONNEL

- Personnel have been helpful and cooperative in determining Plant conditions and needs
- Total personnel is 4.5 (0.5 Chief Operator, 1.0 Operator/Lab Tech, 1.0 Mechanic, 2.0 Attendants)
- Overtime continues on weekends to fulfill permit sampling requirements and check operations at the pump/lift stations.
- Chief Operator is continuing to work part-time until another staff person is identified with 4A operator to sign monthly Discharge Monitoring Reports (DMRs)

4) OPERATIONS

a) SLUDGE PROCESSING:

A total of 73.92 tons of sludge was sent to the Solid Waste Management Facility in Rodman, with average solids of 28.1%.

b) MAINTENANCE:

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

Completed

- Daily inspections of 6 pump/lift stations
- Monthly inspections of 17 CSO's
- Ordered parts for thickener pump #2
- Adjusted pumping schedule for thickener pump #1

- Pumped out final scum pits and cleaned out the influent channel

New Repairs/Breakdowns

- Thickener pump #2 down and waiting on parts. Thickener pump #1 needs to be repacked
- RAS pump #1 needs to be rebuilt and needs a VFD
- Final settling tanks, east flights not functioning. Tank needs to be drained to determine issue
- Scum line is plugged and therefore, unable to pump to digesters
- Raw sludge pump #1 leaking and needs a seal kit
- #1 and #3 main pumps need to be rebuilt (contractor)
- Primary settling tanks need to be cleaned
- Controls on plate and frame press do not always function and need attention
- Digesters do not appear to be producing CH₄
- Dual fuel boiler not functioning
- Septage manhole locking mechanism no longer functioning; this should be repaired to prevent haulers from dumping when operators are not at plant to oversee discharge

Work Order Back Log

- None at this time

c) PENDING BOARD ACTION

- None

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

Sincerely,

Vicky L. Murphy

Vicky L. Murphy
Water Quality Supervisor II

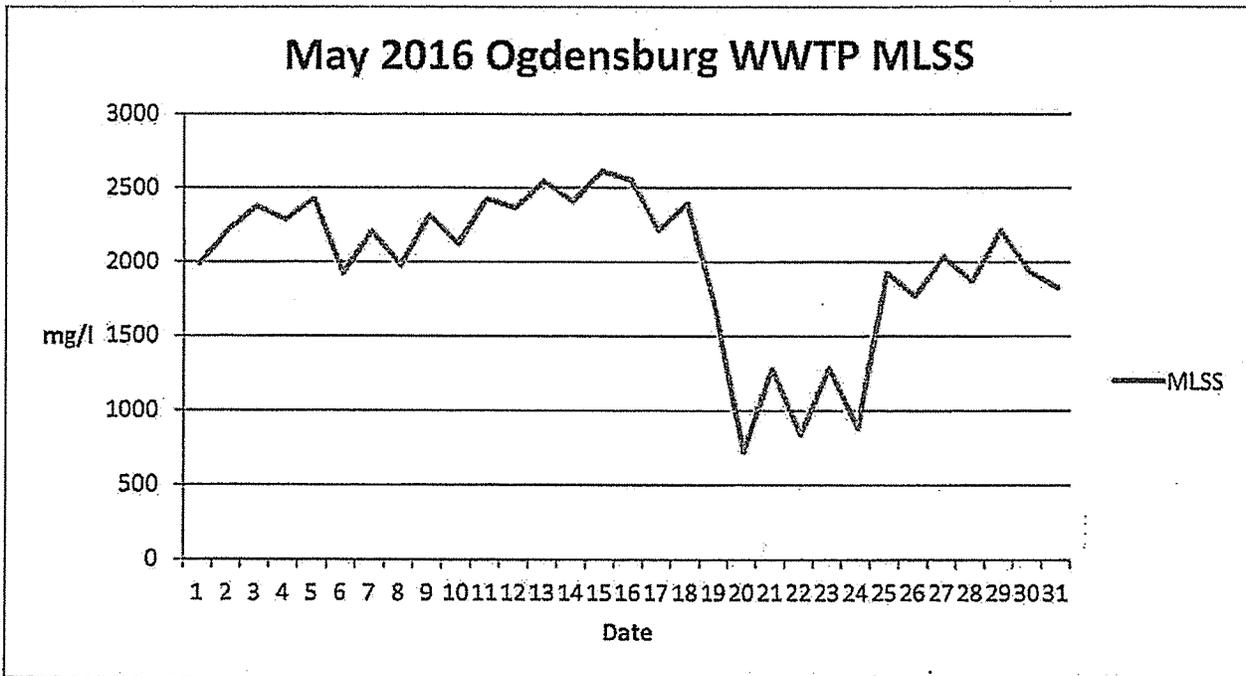
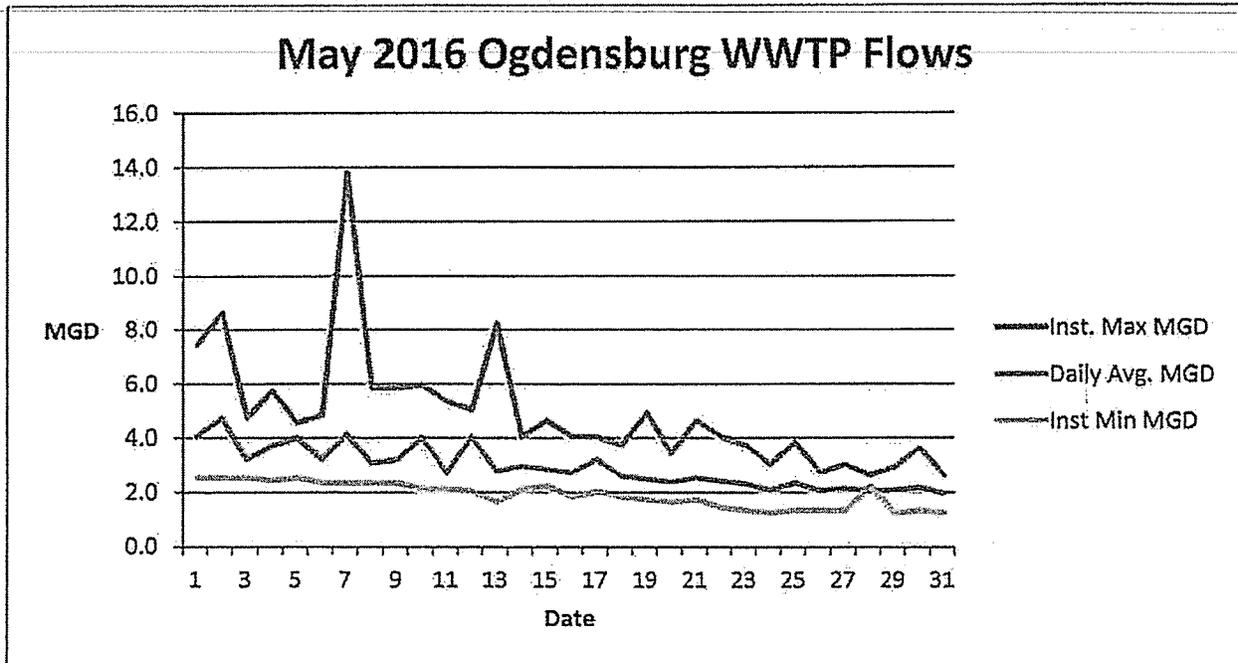
Attachments: 1) Operational Graphs
2) Quotes from LSL and Converse Labs

cc: Scott Thornhill, Ogdensburg Director of Public Works
Carrie Tuttle, DANC Director of Engineering

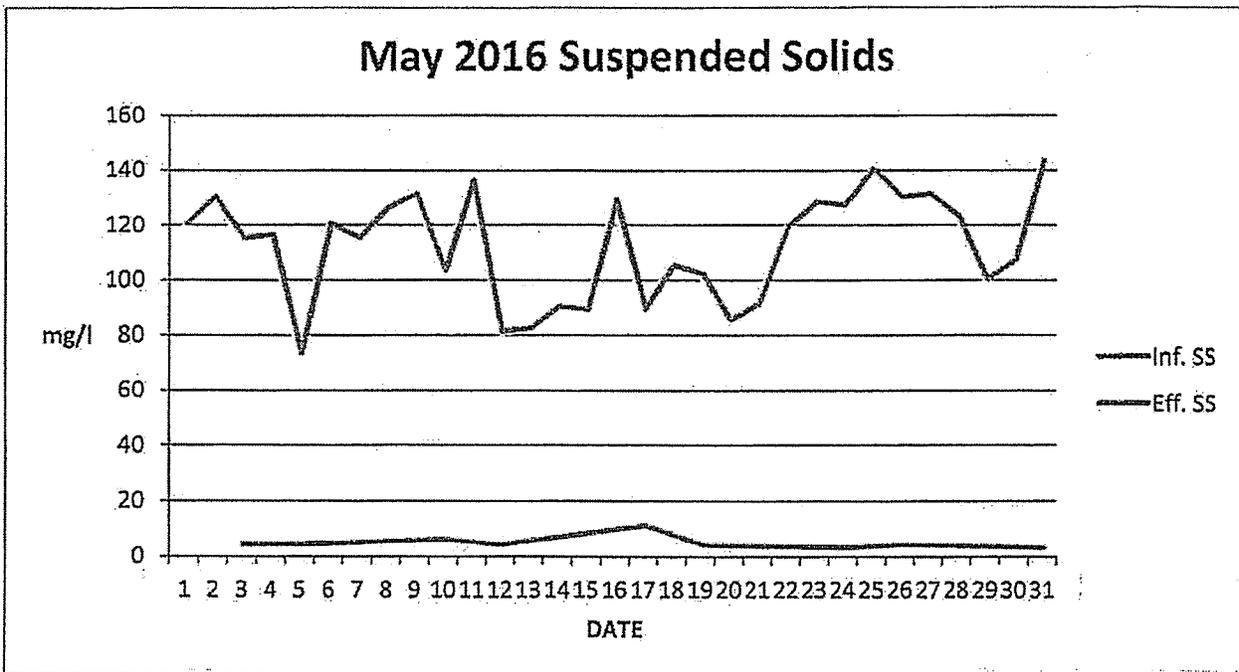
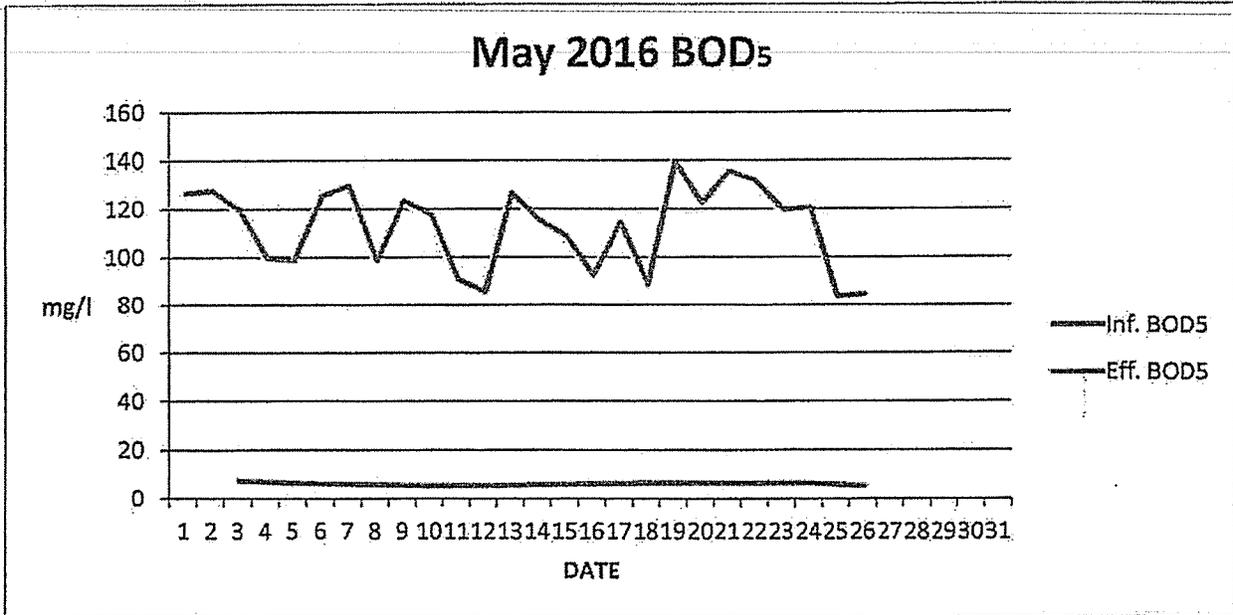
FACILITY MAILING ADDRESS (Street, City, State, Zip Code)				TELEPHONE NUMBER (313) 393-2810	CHIEF OPERATORS NAME Timothy P. Adams	CERTIFICATION GRADE 4A	
Day	Date	TOTAL PHOSPHOROUS (mg/l)		CHLORINE RESIDUAL		FECAL COLIFORM Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc.
		Influent Type	Effluent Type	Minimum	Maximum		
1				0.24	0.27		
2				0.20	0.26		
3				0.23	0.27	56	
4				0.26	0.31		
5				0.27	0.33	60	
6				0.22	0.25		
7				0.24	0.27		
8				0.20	0.23		
9				0.21	0.24		
10				0.24	0.28	64	
11				0.26	0.29		
12				0.22	0.27	58	
13				0.20	0.22		
14				0.20	0.24		
15				0.18	0.20		
16				0.14	0.18		
17				0.49	0.56	24	
18				0.31	0.46		
19				0.34	0.39	16	
20				0.59	0.94		
21				0.34	0.38		
22				0.34	0.40		
23				0.29	0.37		
24				0.59	0.79	12	
25				0.60	0.78		
26				0.78	0.81	16	
27				0.72	0.76		
28				0.70	0.84		
29				0.74	0.87		
30				0.69	0.74		
31				0.5	0.55	8	
		30 day arithmetic mean (1)		Monthly		30 day Geometric Mean (1)	
		Influent (mg/l)		Minimum(1)		26.89	
		Effluent (mg/l)		Maximum(1)			
				0.14		0.94	
		lbs/day					

(1) Refer to 2002 edition of DMIR Manual for Completing the Discharge Monitoring Report for the National Pollutant Discharge Elimination System (NPDES) for procedures to calculate loading, arithmetic mean, geometric mean, maximum, minimum, percent removal, etc.

Ogdensburg WWTP Graphs for May 2016



Ogdensburg WWTP Graphs for May 2016, cont'd



Converse Laboratories, Inc.

800 Starbuck Ave
Suite B101
Watertown, NY 13601
315-788-8388

Estimate

Date	Estimate #
5/25/2016	139

Name / Address
City of Ogdensburg C/O Danc Attn: Vicki Murphy

			Project
Description	Qty	Cost	Total
City's Wastewater Plant - Weekly Wasterwater pickup and analysis			
BOD(5 DAY)	4	18.00	72.00
TOTAL SUSPENDE SOLIDS	4	10.00	40.00
FECAL COLIFORM	2	25.00	50.00
WEEKLY PICK-UP CHARGE	1	20.00	20.00
Total			\$182.00

Customer Signature _____

QUOTATION OF ANALYTICAL SERVICES

CLIENT: City of Ogdensburg WWTP

PHONE # 315-393-2810

ADDRESS:

FAX # 315-393-2810

CONTACT Vicky Murphy

PROJECT IDENTIFIER: Waste Water

#SAMPLES	ANALYSIS	Matrix	S/SAMPLE	Subtotal	TAT
4	BOD-5	NPW	\$20.00	\$80.00	2 Weeks
4	TSS		\$10.00	\$40.00	2 Weeks
2	Fecal Coliform		\$25.00	\$50.00	2 Weeks
Total Sample Estimate / Week=				\$170.00	

Samples received after 3pm are considered the next days business unless approved by LSL.
Price includes all containers, preservatives and chain of custody forms.
Trip blanks for volatiles are provided and analyzed at no additional charge.
Availability of rush TAT must be confirmed with LSL before samples are submitted.
Quotations are valid for 30 days unless otherwise noted.
NYS DOH requires pH to be analyzed within one hour of sample collection.
Prices reflect standard NYSELAP reporting. Additional charges will apply for other than standard reporting.

LSL Representative

Norma Willard
Technical Director, North Lab

Date 5/25/2016

Acceptance and Authorization by Client Representative
(Please sign and telefax back to LSL at 445-1301)

All LSL Terms and conditions apply.