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**Annual Meeting and Business Meeting
of the Niagara Falls Water Board**

May 18, 2020 5:00 PM

*****Meeting to be held via conference call pursuant to
Executive Order 202.1 – visit NFWB.org for call-in details.*****

1. Attendance and Preliminary Matters

a. Brown ___ Forster ___ Larkin ___ Leffler ___ Kimble ___

b. Letters and Communications

- i. Niagara Golf Partners, LLC – Request for Deduct Meter**
- ii. Appointment of Michael Monaco to Water Authority**

c. Public Comment (Public comments may be submitted in writing to be read by the Secretary and must be received by 12:00 p.m. on May 18, 2020. Comments may be summarized when read. Email comments to scostello@NFWB.org or mail c/o Sean W. Costello, 5815 Buffalo Ave., Niagara Falls, NY 14304)

d. Approval of Minutes from February 24, 2020

2. Executive Director

- a. WWTP Capital Project Status Summaries (CPL)**
- b. WWTP Construction Schedule Tracker (CPL)**

3. Superintendent

- a. Planned Letter to Owners of Private Hydrants**
 - i. Map Showing Locations of Private Hydrants**

4. Engineering

- a. Draft Capital Improvement Plan (Updated as of May 8, 2020)**

5. Personnel Items/Director of Administrative Services

a. Personnel Actions for May 18, 2020

6. Information Technology (IT) Dept.

7. Financial Reports – Director of Financial Services

a. Final 2019 Audit Reports

i. Auditors' Presentation

ii. Report to Board

iii. Management Letter

**iv. Financial Statements, Supplementary Information,
and Auditors' Report**

v. Investment Report

b. Payroll-Based Overtime Report

c. Bank Balances

d. Accounts Payable – April 8, 2020 Payment Listing

e. Revenues – Historical and Projections

i. Charts

ii. Large Accounts Historical vs YTD

a. Budget Report

i. YTD Revenues

ii. YTD Expenses

8. Reports

a. Questions Regarding O&M Reports

b. Safety

9. General Counsel and Secretary

10. From the Chairperson

11. Resolutions

2020-05-001 – TENURE OF OFFICE FOR BOARD OFFICERS

a. Copy of Current Bylaws

**2020-05-002 – AMENDING CODE OF CONDUCT TO CLARIFY EMPLOYEE
OBLIGATIONS WITH RESPECT TO BOARD OF DIRECTORS**

2020-05-003 – ELECTION OF OFFICERS

2020-05-004 – FINANCE AND AUDIT COMMITTEE MEMBERSHIP AND MEETINGS

2020-05-005 – GOVERNANCE COMMITTEE MEMBERSHIP AND MEETINGS

2020-05-006 – AUTHORIZING SETTLEMENT OF CLAIM BY BENJAMIN SHIRBACK

- a. Shirback Notice of Claim

2020-05-007 – AUTHORIZING SETTLEMENT OF CLAIM BY RONALD GRIGGS

- a. Griggs Notice of Claim

2020-05-008 – AUTHORIZING RATE CONSULTANT AND CONSULTING ENGINEER AGREEMENT

- a. March 11, 2020 AECOM/Drescher & Malecki Proposal

2020-05-009 – 2020 CLARK PATTERSON LEE PROFESSIONAL SERVICES EXTENSION

- a. April 1, 2020 CPL Proposal

2020-05-010 – APPROVING AECOM PROPOSAL FOR CHLORINE DIOXIDE EVALUATION

- a. April 29, 2020 AECOM Proposal
- b. Draft ClO₂ Study Work Plan

2020-05-011 – ANNUAL CLOUD BACKUP AND STORAGE SERVICES

- a. Barracuda Renewal Invoice

2020-05-012 – AWARD BID FOR 15 INCH COMBINED SEWER REPAIR PROJECT NEAR 1340 MICHIGAN AVENUE

- a. Bid Tabulation for 15-Inch Combined Sewer Repair

2020-05-013 – AWARD BID FOR 24 INCH VALVE REPLACEMENT AT HYDE PARK BOULEVARD AND WESTON AVENUE

- a. Bid Tabulation for 24-Inch Valve Replacement

2020-05-014 – APPROVING ZERO COST CHANGE ORDER FOR EMERGENCY REPAIR CONTRACT

- a. February 20, 2020 Memorandum from City Engineering

2020-05-015 – AWARD OF BID FOR WATER AND SEWER CONSTRUCTION AND REPAIR MATERIALS

- a. Bid Tabulation and Supporting Documents

**2020-05-016 – DIRECTING ISSUANCE OF REQUEST FOR PROPOSALS
FOR GRANT WRITING AND ADMINISTRATION SERVICES**

**2020-05-017 – AUTHORIZING NYS WATER INFRASTRUCTURE
IMPROVEMENT ACT GRANT APPLICATION, OBLIGATING LOCAL
MATCHING FUNDS, DECLARING INTENT TO SERVE AS SEQR LEAD
AGENCY, AND SEQR TYPE II DETERMINATION**

- a. List of Projects to be Submitted for WIHA Grant

**2020-05-018 – AWARDING BID FOR CONTRACT 15688-2G – GENERAL
GENERAL CONTRACTING SERVICES FOR GORGE PUMP STATION
IMPROVEMENT AND OUTFALL 003 RELOCATION PROJECT**

- a. Summary of GPS and Outfall Redirection Bids and Projects
- b. Bid Tabulation for 15688-2G

**2020-05-019 – AWARDING BID FOR CONTRACT 15688-2E – ELECTRICAL
ELECTRICAL WORK FOR GORGE PUMP STATION IMPROVEMENT AND
OUTFALL 003 RELOCATION PROJECT**

- a. Bid Tabulation for 15688-2E

**2020-05-020 – AWARDING BID FOR CONTRACT 15688-2H – HEATING &
VENTILATION HEATING AND VENTILATION WORK FOR GORGE PUMP
STATION IMPROVEMENT AND OUTFALL 003 RELOCATION PROJECT**

- a. Bid Tabulation for 15688-2H

**2020-05-021 – APPROVING ZERO COST CHANGE ORDER FOR 2700 BLOCK
INDEPENDENCE AVENUE COMBINED SEWER REPAIR**

- a. May 8, 2020 Change Order Memorandum

**2020-05-022 – APPROVING AND ACCEPTING INDEPENDENT
AUDIT AND INVESTMENT REPORTS**

- a. Supporting Documents: See Finance Reports at a(i) through a(iv).

12. Unfinished Business

13. New Business & Additional Items for Discussion

14. Executive Session (if needed)

15. Adjournment of Meeting

Niagara Golf Partners LLC
4343 Porter Road
Niagara Falls, New York 14305
(716) 990-0125

March 18, 2020

TO: Niagara Falls Water Board
Sean W. Costello, Counsel and Nick Forster, Board

FROM: Richard L. Horn, President, Niagara Golf Partners LLC (NGP)

RE: Request for the Board's consideration

Dear Members of the NFWB:

Please accept this letter and accompanying Engineering Report as a request for your consideration of relief of Sewer charges at the Hyde Park Golf Course.

As a point of information, I am the President of Niagara Golf Partners, LLC, (NGP) which is the company the City contracted with to oversee all operations at the Hyde Park Golf Course. NGP has taken significant steps to greatly improve the conditions at the course for golfers and more importantly, City residents. For the record, we continue to offer reduced rates at the course for residents of Niagara Falls.

This packet serves as a request to the Board to eliminate sewer charges on the water we distribute through the sprinkler system. None of the water used for maintaining the greens and fairways on the course ends up in the Board's sewer system whatsoever. Relief from the sewer charges will provide us with the capital to continue to enhance Hyde Park. We do understand that this request is not setting a precedent, as the Board has approved similar requests for other companies. We, therefore, ask for your kind consideration and approval of this request for last year and future usage.

In support of this request, we hired an outside Engineering company, RAC Engineering, to evaluate and confirm our belief that no sprayed water reaches the sewer system. While it is very obvious to the lay person that the water used to keep the course green, either stays in the soil or literally flows down slopes to Gill Creek, we added the professional report confirming our belief.

I spoke briefly with Nick Forster and Sean Costello and they indicated I must submit this report to the Board for their "work session" before the third Friday of the month, which is what I have done. In addition, I would appreciate the opportunity to speak to the Board in support of this request, if the Board deems it appropriate.

I thank you all, in advance, and I am available anytime at 716-990-0125.

Sincerely,

A handwritten signature in dark ink, appearing to read "Rick Horn". The signature is written in a cursive, flowing style.

Richard (Rick) L. Horn, President, NGP LLC



Structural Engineering

Steel
Concrete
Masonry
Wood
Light Gage Framing

Niagara Golf Partners
4343 Porter Road
Niagara Falls, NY 14305

Foundation Engineering

Spread / Strip Footing
Drilled / Driven
Piles / Piers
Caisson

Re: Drainage Evaluation

Attached you will find my drainage evaluation of the **Golf Course** at the address identified above.

Building Inspection

NYS Home Inspection
Commercial Building Inspection
"Sinking Home Syndrome"
Evaluation

If you have any questions, please contact me at your earliest convenience.

Very truly yours,

Expert Witness
Deposition / Testimony

RAC Engineering, P.C.

Robert A. Curtis, P.E.
President

Custom Home Design

New Design
Renovations
Remediation
Evaluations
Additions

Cc: File



National Society of
Professional Engineers



THERE'S ALWAYS A SOLUTION IN
STEEL
Professional Member



This study was prepared to assist in evaluating the existing conditions and to provide structural information and considerations to assist with performance of this structure and its sustainability. The study has been prepared for the exclusive use of the property owner and related parties, for specific application to this site and project only.

This study is based on observations and measurements made during a single site visit, and recommendations were completed based on generally accepted structural engineering practices. The observations made are based on the condition observed during a finite time and may or may not reflect conditions prior to or after the time spent at the property indicated. No warranties, expressed or inferred, are made by the conclusions, opinions, recommendations or services provided.

DRAINAGE EVALUATION

The golf course located on Porter Road in the City of Niagara Falls is presently being operated by a private entity. This facility is comprised of 36 golf holes, of which 27 are in use, driving range, putting green, a club house with restaurant and locker rooms, a service building, and a small concession stand. The golf facility is part of a larger park known as Hyde Park. Gill Creek runs from North to South through the course and into the park.

As a former City Engineer of the City of Niagara Falls and an avid golfer I am very familiar with this course and its facilities. I have reviewed the "As-Built" drawings dated 1990 for the irrigation system and have walked the course, several times. There does exist several stormwater catch basins located on or near the Porter Road, each of these discharge into Gill Creek. No catch basins are known to discharge into the City stormwater collection system in or near the golf course. Further, these catch basins do not appear to be in any locations that would intercept any sheet drainage from the irrigation system.



City of Niagara Falls, New York

Robert M. Restaino

Mayor

March 10, 2020

Niagara Falls Water Authority
5815 Buffalo Avenue
Niagara Falls, NY 14304

Attn: Jason Murgia
Chairman

Dear Chairman Murgia,

It appears that the records of the Niagara Falls Water Authority (NFWA) continue to carry as a member Mr. Sanquin Starks. A few years ago Mr. Starks began employment with the City of Niagara Falls. This creates, at best, an appearance of conflict, if not an actual conflict. As a consequence I am advising the NFWA that Mr. Starks should be removed from the roster of the NFWA members, and please note that I will be appointing Michael Monaco to anew full term as noted in the statute.

Sincerely,

Robert M. Restaino
Mayor

Cc: Sanquin Starks



City of Niagara Falls, New York

Robert M. Restaino
Mayor

March 10, 2020

Michael Monaco
9161 St. John's Parkway
Niagara Falls, NY 14304

Dear Mr. Monaco,

Please allow this letter to formally designate you as a member of the Niagara Falls Water Authority. As we discussed, this body serves an important function in the overall structure of the water and sewer service for the City of Niagara Falls.

Again, thank you for your willingness to volunteer and serve the community. Please bring this letter with you to City Hall to complete further steps in your appointment.

Sincerely,

Robert M. Restaino
Mayor

Cc: Niagara Falls Water Authority ✓
Attn: Jason Murgia, Chairman



**Regular Session of the
Niagara Falls Water Board
February 24, 2020 5:00 PM at
Michael C. O’Laughlin Municipal Water Plant**

1. Attendance and Preliminary Matters

a. Brown P Forster P Larkin P Leffler absent Kimble P

b. Letters and Communications

i. EFC Letter – Hardship Financing Eligibility (CWSRF)

c. Public Comment (All speakers must register with the Chairperson prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour)

Susan Starks appeared in front of the board regarding her \$4,200 water bill that was accumulated for one billing cycle; she previously appeared at the November 25, 2019 board meeting on the same subject. She explained that when she spoke with a NFWB employee, she was informed that she had a water leak. She received a \$1,000 adjustment but is unsatisfied with the amount; she has a bill from a plumber stating that they found no leaks and made no repairs, and therefore believes the meter malfunctioned. Ms. Starks requested that her water meter to be reviewed but did not receive further communication. She lives across the street from Gaskill School and was curious if construction there could have something to do with her high bill.

Ms. Walker noted that Mr. Reid had discussed the matter with her, that the meter, from which data is obtained remotely, showed a leak during the billing cycle in question, and that in addition to a \$1,000 adjustment Ms. Starks has been offered a payment plan. Ms. Kimble states that she would like the Mr. Wright to be in touch with Mr. Reid to further discuss this issue. Ms. Kimble asked that Ms. Walker notate Ms. Starks’s account to ensure that her water is not shut off while her account is under review.

d. Approval of Minutes from January 27, 2020

Prior to the vote on the minutes, Acting Chairperson Kimble welcomed Patrick D. Brown as a newly-appointed Board member. Mr. Brown previously served as a member of the Niagara Falls Public Water Authority from 2006-2016.

Motion by Mr. Forster and seconded by Ms. Larkin to approve the January 27, 2020 meeting minutes.

Brown __abstain__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 3-0, with 1 abstention.

2. Executive Director

a. Correspondence from DEC – WWTP Oxidizer Study

Mr. Fama discussed with the board a letter he received from the DEC requesting further evaluation of the use of chlorine dioxide to reduce sulfide formation in the WWTP carbon filters. Dr. John Goeddertz of AECOM was present and explained to the board that he did not believe that chlorine dioxide will be particularly effective because it will be absorbed by the carbon, and it may be a very expensive proposition because production of sufficient quantities of the chemical, which quickly loses effectiveness, may require an on-site reactor. Dr. Goeddertz noted that based on an industry survey, no other WWTP in the country uses this method, though it has some use in Europe. The DEC requested a pilot study using chlorine dioxide on one carbon filter, but numerous practical issues may make bench-scale testing considerably more feasible. This work is a continuation of the chemical-optimization study (Order on Consent item 10) that AECOM has been working on, and Dr. Goeddertz will submit a proposal with estimated costs in advance of the March Board meeting. DEC requests a workplan by April 30 for a study to be conducted in summer conditions. Dr. Goeddertz estimates the study duration will be about two months, and the study will review the impact of the chlorite by-product in relation to the plant's SPDES permit.

b. CPL – WWTP Capital Project Update

c. CPL – WWTP Estimated Construction Schedule

Ted Donner from CPL provided the board with an update on both the WWTP capital projects as well as the WWTP estimated construction schedule. He noted that CPL serves as project manager for these projects and provides monthly updates.

For Project #1 (Sedimentation Basin Upgrades), Mr. Forster asked the duration of time that sedimentation basin #5 will be out of service in connection with this \$10 million project. Mr. Donner noted the project schedule, which is only a rough estimate at this time because design work is not complete, suggests work on the basin from March through October. In terms of sequencing of which basin is to be completed first, Dr. Goeddertz is discussing this with DEC. Mr. Forster would like further information because he wants to make sure NFWB avoids overflows while sedimentation basin #5 is being serviced.

With respect to the Outfall 003 redirection component of Project #2, Mr. Forster requested the timeline for this project. Mr. Donner states he is waiting on design documents to solidify a timeline for the outfall project. Mr. Jaros states that the timing for performing the work depends in part on coordination with the Bridge Commission because the access point for the outfall requires work before the inspection booths.

Project #11 (Gorge Pump Station Elevator Upgrades) – Mr. Forster asked if this project is 100% complete. Mr. Meyers states that project is approximately 90% complete and that the Gorge Elevator will be up and running by the middle of next week.

Mr. Brown inquires about the funding and grant reimbursement for the WWTP Capital Projects.

Mr. Jaros states there are currently separate funding categories, the \$20 million DASNY grant is broken down into two phases.

- Phase 1 - \$13.5 million (Projects 1-10)*
- Phase 2 - \$6.5 million, part of which already has been approved for additional projects.*

Mr. Jaros explains that the NFWB will not receive any grant reimbursements until proof of payment is provided from the NFWB.

Mr. Fama asks the board members if they would object to the installation of vending machines for employee use at no cost to the NFWB; no Board member objected. Mr. Forster stated he would like to see some of the break areas/conference room at the WWTP cleaned and painted for the staff prior to vending machines being installed.

3. Superintendent

a. Fire Hydrant Update

Mr. Wright states that in January, the NFWB replaced 10 fire hydrants and repaired 4 fire hydrants. Currently there are zero out of service fire hydrants and zero leaking fire hydrants.

Mr. Forster had inquired about the amount of water that the NFWB would draw from Niagara County in case of an emergency at the January 2020 board meeting. Mr. Wright states he spoke with Dave Branch from the County regarding this inquiry. Mr. Branch stated for an extended draw from the County the approximate numbers would be 8-10 MGD in the winter and 4-6 MGD in the summer. Mr. Branch emphasized that these are conservative numbers with many variables, including but not limited to irrigation, work at the WTP, etc.

Discussion was had regarding the color-coded hydrant diagram that was distributed to the board members.

- *Blue - 1500+ GPM*
- *Green – 1000-1499 GPM*
- *Orange – 500-999 GMP*
- *Red – 500 or less GMP*

The colors identify the available water flow from the fire hydrants throughout the city and have been very helpful for the Niagara Falls Fire Department.

4. Engineering

a. Status of Draft Capital Improvement Plan

Mr. Williamson provided the board members with an update on the draft CIP.

Mr. Forster states he sent out an email to Mr. Fama regarding the status of the CIP meeting with the internal staff, including any board member that may be interested in attending. Mr. Fama states an internal meeting regarding the CIP took place and the Board was sent an email offering a couple of available times to meet with staff regarding the CIP.

Mr. Forster questions projects W7 (Loop “D” St. Main – Falls St. to Gill Creek) and W8 (Loop Niagara Ave. Main to Parkview Dr.) on the CIP. Mr. Wright explains that project W7 and W8 can be resolved with the installation of an automatic flusher by our NFWB staff for a cost of \$4,000.00. Once completed, projects W7 and W8 can be removed from the CIP.

Mr. Forster had additional questions regarding projects notated on the draft CIP as deferred and Ms. Kimble suggested that he schedule a meeting to discuss with staff.

5. Personnel Items/Director of Administrative Services

- February 2020 Personnel Actions and Reports**
- Updated Organizational Chart**

Mr. Perry states he would like to further discuss the individual holding the WWTP Chief Operator position along with matters related to the Collective Bargaining Agreement in Executive Session.

6. Information Technology (IT) Dept.

Mr. Fama states that rewiring projects at the WTP and WWTP still are ongoing. The new phone system has been successfully implemented as well as the updated New World software.

7. Financial Reports – Director of Financial Services

- a. Budget to Actual**
 - a. Revenues**
 - b. Expenses**
- b. January 2020 Accounts Payable- Payment Listing**
- c. Payroll-Based Overtime Log**
- d. Overview of Topics (to be handed out at meeting)**
- e. 2020 Rate Consultant/Consulting Engineer**

Ms. Walker reviewed budget and overtime reports with the board members. She noted that the City has increased the cost for billing and collection services from \$82,000 to \$98,000, and will request information from City Controller Morello to explain the reason for the increase. The Water Board also has not been billed by the City for its fuel use since June 2019, and expects to receive those bills soon.

Ms. Walker noted that it is necessary to engage rate consultant/consulting engineer services for 2020. She believes that the services of Dresher Malecki/AECOM have been satisfactory and asked if the Board would agree with a continuation of those services or would require an RFP. The Board agreed to entertain a proposal to continue the services of the current firms.

Ms. Walker noted that the debt service fund has more than the necessary level of funds and recommends these “excess funds” be transferred into the capital construction fund account. She has consulted with Tom Meyers, Bond Counsel, who advised her that although this procedure has not previously been performed by the Water Board, it could be authorized by resolution.

Mr. Brown questions the 2020 adopted budget being out of balance for both water and sewer, with revenues higher than expenditures in both funds. Ms. Walker explained that the Board did not pass a rate increase. Mr. Brown was not satisfied with the reason/answer provided by Ms. Walker as his understanding is that budgets should balance.

Ms. Walker noted that the 2019 audit will be filed late. The obstacle was a major IT issue with necessary upgrades to the New World accounting software that was preventing her department from running necessary reports. That issue now has been resolved.

8. Reports

- a. Questions Regarding O&M Report for January 2020 (if any)**
- b. Safety**

The safety focus was on equipment inspections (cranes, hoists, aerial lifts) and PPE, particularly respiratory protection.

Mr. Forster inquired as to the status of security cameras. Ms. Senia stated that due to recurring data charges for remote access to wireless cameras and high maintenance requirements for several of the existing cameras, NFWB has obtained costs for a hard-wired system that will save on costs and will present a plan with options at the next meeting.

Mr. Forster inquired as to the security status/contractor gate. Ms. Senia states that contractors are continuing to sign in and out at the main east gate. It is anticipated that as construction contracts get awarded, the contractors will attend a safety orientation where they will receive picture ID and be issued a badge/swipe card. Additionally, the west gate is still being evaluated for use along with an access road for parking/staging.

9. General Counsel and Secretary

- a. Water and Sewer Service Line Program – Plan to Address Mailing List Issues**

Mr. Costello explained that the Water and Sewer Service Line Program provider, Service Line Warranties of America (“SLWA”) has been working to address issues identified with the mailing list. These issues related to mail pieces being received in neighboring communities that share a zip code and a “Niagara Falls” address with the City, and with the names on mailings not matching current residents. They have not been able to secure a list from the City Assessor, but have identified a new mailing list provider that will allow them to use map overlays and Zip +4 information to limit the letters that go outside City boundaries. They also will not address the mail pieces to individuals, but generically using “Homeowner” or a similar word. To protect privacy, the NFWB is not sharing its mailing list with SLWA, so the solution proposed by SLWA will not result in a perfect mailing but probably is the best possible. The Board did not object to SLWA issuing the mailing with the list generated as discussed.

Even without the mailing that was stopped after address issues were discovered, there have been a significant number of signups. Mr. Costello noted that there are other service companies marketing warranty programs actively marketing to City customers, which have not been reviewed by the Water Board and which may have different coverage limits or other features.

- b. Cyber Liability Insurance**

c. Workplace Violence Liability Insurance

The Water Board's insurance broker USI identified these coverages as filling current gaps. Their cost is within the Executive Director's purchasing threshold, but the Board was invited to discuss the insurance proposals and to contact Mr. Costello with specific questions.

Mr. Costello also noted that the private firm that is operating the City golf course has reached out to the Water Board to request a deduct meter for water used to irrigate the course. To support this request they submitted an engineering report, but it will be necessary to contact them for additional information. A focus of the evaluation of this request is whether runoff from irrigation or storms is burdening the Water Board's system.

Ms. Costello advised the Board that the Niagara Falls Public Water Authority has a tentative meeting date of March 11, 2020 at 4:00 p.m. Business will include the request for issuance of bonds approved by the NFWB at its January 2020 meeting. Board members are welcome to attend.

10. From the Chairperson

11. Resolutions

2020-02-001 - SEQR Review and Classification for Outfall 003 Redirection

- a. Letter Detailing Outfall 003 Project
- b. DEC Letter Approving Outfall 003 Redirection

Motion by Mr. Forster and seconded by Ms. Larkin to approve.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

2020-02-002 - Award of the High Voltage, Switchgear Inspection and Emergency Work Contract

- a. Award Recommendation
- b. Bid Tabulation

Motion by Ms. Larkin and seconded by Mr. Brown to approve.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

2020-02-003 - Award of the In-Plant Mechanical Service Contract

- a. Award Recommendation
- b. Bid Tabulation

Motion by Ms. Larkin and seconded by Mr. Brown to approve.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

2020-02-004 - Board's Representative on Ad-Hoc Committee to Study Fire Hydrant Replacement

Discussion was had regarding the need for a board member to be named as a representative to the ad-hoc committee. Ms. Larkin stated that she did not feel a board representative to the committee is necessary.

Motion by Ms. Larkin and seconded by Mr. Forster to amend the resolution to provide that no Board member be part of the ad-hoc committee.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion to amend carried 4-0.

Motion by Ms. Brown and seconded by Mr. Forster to approve the resolution as amended.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

2020-02-005 – Rejecting All Bids for the HVAC Service Contract

Motion by Ms. Larkin and seconded by Mr. Brown to approve.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

12. Unfinished Business

13. New Business & Additional Items for Discussion

- a. Information Requested about Compensatory Time Off
- b. Information Requested about Health Insurance Opt Out, Etc.

Mr. Forster had asked Mr. Fama to provide responses to a number of questions about compensatory time off and health insurance opt outs; his questions were included in

the Board packets. Mr. Fama requested that Mr. Perry provided the documentation from the Human Resources department, which was distributed at the meeting to Mr. Forster, with copies made for the rest of the Board.

14. Executive Session (if needed)

Motion by Ms. Larkin and seconded by Mr. Forster to enter into Executive Session for the purpose of discussing matters related to the employment of a particular person and related to collective bargaining negotiations at 6:45 p.m.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

[A brief recess was taken prior to executive session beginning]

At 7:20 p.m., Motion by Ms. Larkin and seconded by Mr. Forster to exit executive session.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

Motion by Ms. Larkin and seconded by Ms. Kimble to rescind the authority given to staff to hire for the positions of Inventory Control Agent and Deputy Director of Administrative Services and to substitute for these position a health and safety assistant position and a EEO/MWBE/SDVOB manager position.

Brown __abstain__ Forster __N__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion failed, 2-1, with one abstention.

Motion by Ms. Larkin and seconded by Mr. Forster to approve Line Item No. 2.1 on the February 24, 2020 Personnel Actions sheet, relative to the WWTP Chief Operator.

Ms. Larkin requested that the minutes reflect that she regretted the necessity of her “yes” vote and wished that the individual serving as Chief Operator had not been told he could request a higher rate of pay for taking that position.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0.

15. Adjournment of Meeting

Motion by Ms. Larkin and seconded by Ms. Kimble to adjourn at 7:23 p.m.

Brown __Y__ Forster __Y__ Larkin __Y__ Leffler __absent__ Kimble __Y__

Motion was carried 4-0, with 1 absence.

DRAFT



Niagara Falls Water Board (NFWB) Project Status Summaries

Last Updated: 5/4/2020

Project	Scope of Work	Budget	Scope/Vendor	NFWB Authorized Contract	Recent Work Update	% Complete	% Billed & Approved
1	Sedimentation Basin Upgrades	\$10,390,000	Design/AECOM	\$409,000	AECOM submitted 90% drawings for NFWB/CPL review and comment. A design review conference call will be conducted in the next few weeks.	90%	46%
			Const./TBD			0%	
			CA/CI/TBD			0%	
			Running Total	\$409,000			
2	GPS (Funded in Phase I)	\$3,800,000	Design-I/GHD	\$198,230	GHD finalized bid documents and project is current out to bid. Bids due May 6, 2020. Conducted Pre-bid meeting with potential bidders and GHD hosted individual site visits.	90%	67%
			Const.-I/TBD			0%	
			CA/CI-I/GHD	\$180,000		0%	
			Running Total	\$378,230			
	Outfall (Funded in Phase II)	\$1,700,000	Design-II/GHD	\$33,735		90%	66%
			Const.-II/TBD			0%	
			CA/CI-II/GHD	\$37,000		0%	
			Running Total	\$70,735			
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design/Arcadis	\$167,000	Submitted 60% design for review. Currently working towards 90% design documents.	75%	53%
			Const./TBD			0%	
			CA/CI/TBD			0%	
			Running Total	\$167,000			
4	Granular Activated Carbon and Filter Support Gravel Replacement	\$2,000,000	Design/AECOM	\$66,608	Currently in construction.	100%	86%
			Const./Carb. Act.	\$1,798,840		30%	0%
			CA/CI/AECOM	\$134,000		0%	0%
			Running Total	\$1,999,448			
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team	\$177,000	Design meeting in next few weeks with EI Team to review status and project moving forward.	90%	82%
			Const./TBD	TBD		0%	
			CA/CI/TBD	TBD		0%	
			Const./Ferguson	\$252,000		10%	
			Running Total	\$429,000			
6	Effluent Disinfection	\$3,650,000	Design/AECOM	\$116,000	Currently in construction.	100%	70%
			Const./M&B	\$1,366,000		25%	0%
			Const./Ferguson	\$108,000		25%	0%
			CA/In-House	N/A			
			CI/AECOM	\$74,000		0%	0%
			Running Total	\$1,664,000			

7	Replacement of Critical Heating and Ventilation Equipment	\$1,160,000	Design/E.I. Team	\$112,000	Scheduled for bid concurrently with Electrical Project #5.	90%	86%
			Const./TBD	TBD		0%	
			CA/CI/TBD	TBD		0%	
			Running Total	\$112,000			
8	Replacement of Blower Equipment	\$300,000	Design/In-House	N/A	Construction Complete.	100%	N/A
			Const./Various	\$100,000		100%	100%
			CA/CI/In-House	N/A		100%	N/A
			Running Total	\$100,000			
9	Replacement of Process Piping	\$640,000	Design/Ramboll	\$79,978	Conducted final piping assessment review meeting. Ramboll currently finalizing piping assessment report and developing design improvements scope and proposal.	90%	60%
			Const./TBD	TBD		0%	
			CA/CI/TBD	TBD		0%	
			Running Total	\$79,978			
10	SCADA Improvements	\$100,000	Design/Kaman	\$352,000	Conducted review meeting with Kaman. Completed initial system updates, and ongoing coordination with Capital Project Engineers. Developing SCADA Phase 2 scope and proposal.	30%	23%
			Const./TBD	TBD		0%	
			CA/CI/In-House	N/A		0%	N/A
			Running Total	\$352,000			

11	Gorge Elevator Upgrades	\$500,000	Design/In-House	N/A	Construction Complete.	100%	N/A
			Const./Hohl Ind.	\$448,000		100%	N/A
			CA/CI/In-House	N/A		100%	N/A
			Running Total	\$448,000			
99	FEMA	\$1,550,000	See Below	See Below	See Below		
	Total	\$30,320,000					

Other Projects (Not Included in the Capital Improvement Upgrades)

Project	Scope of Work	Budget	Scope/Vendor	NFWB Authorized Contract	Recent Work Update	% Complete	% Billed
99	FEMA	\$5,720,000	Design/GHD	\$208,000	Finalizing Bid Documents bid schedule TBD, current schedule shows mid summer start of construction.	100%	100%
			Const./TBD			1%	
			CA/CI/GHD	\$326,000		1%	
			Running Total	\$534,000			

Updated: (5-4-20)

[illegible]

February ____, 2020

Dear Property Owner:

In our continuing effort to serve the community, I am reaching out to you on behalf of the Niagara Falls Water Board ("NFWB") to ask for your assistance in updating our records to reflect the status of the fire hydrants that are privately owned.

We are asking that you provide to us copies of your yearly hydrant testing results, including: pressure and flow testing data, operational records, and if possible, age and manufacturer of those hydrant(s) located on your property.¹ Should there be any confusion on which hydrants are private, and which belong to the NFWB, please contact us to assist in identification.

Hydrants on private property are not maintained by the NFWB. It is your responsibility to maintain your private fire hydrants, and if you do not have the records we are requesting it is imperative that you contact a licensed plumber immediately to verify that your private fire hydrants are operational. As a reminder, private fire hydrant barrels should be painted red, with tops and nozzle caps painted pursuant to the flow-capacity-indicating color scheme set forth in NFPA 921.

The reason for this request is that the Water Board has been working with the Niagara Falls Fire Department ("NFFD") to develop a comprehensive list of the hydrants in the city. Our recent activities to repair and replace malfunctioning or non-functioning hydrants have proved successful and we now can provide online information to the NFFD on which hydrant would be most efficient during a fire. Should an emergency occur on your property, the information we are requesting is critical and will save time by identifying the hydrants that will perform the most efficiently.

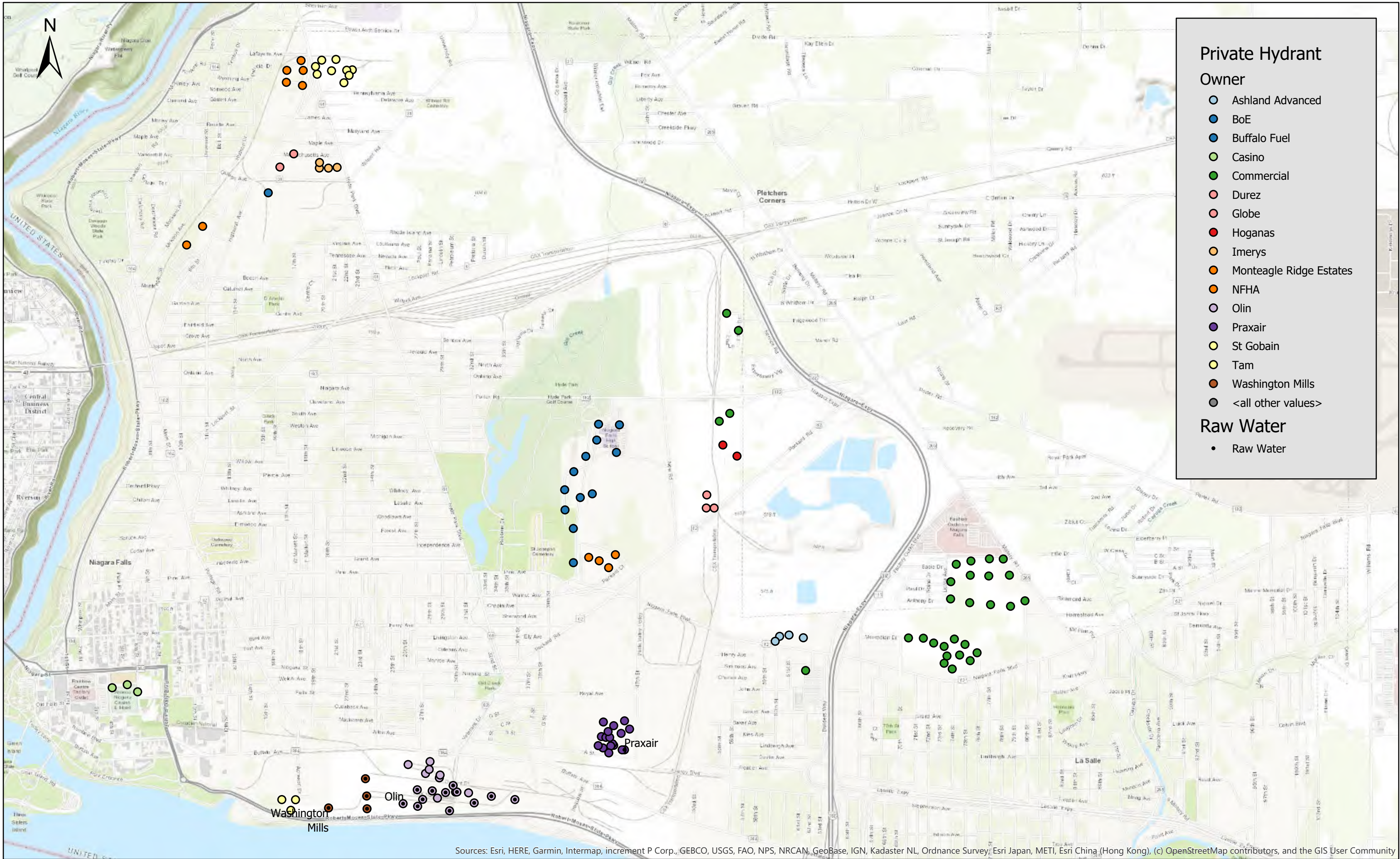
It is hoped that your compliance with our request will be met in a timely manner. Updating the hydrant database to reflect specific flow in all areas in the city will mean a safer Niagara Falls for all of us. As we work to identify solutions to our aging infrastructure, we hope we can rely on your cooperation to see this project to fruition.

Thank you for your consideration in this matter, and we hope to hear from you soon.

Sincerely,

William Wright, Superintendent, NFWB

¹ Please note that the Fire Code of New York State, 19 NYCRR 1225, provides at Section 507.5.2, that "Fire hydrant systems shall be subject to periodic tests as required by the fire code official [and f]ire hydrant systems shall be maintained in an operative condition at all times and shall be repaired when defective" and Section 507.5.3 provides that "Private fire service mains and water tanks shall be periodically inspected, tested and maintained" including for "Private fire hydrants of all types: Inspection annually and after each operation; flow test and maintenance annually."



Private Hydrants

NFWB Agenda Packet May 2020 Page 27

DISCLAIMER:
FOR INFORMATION ONLY
ACCURACY OF THIS PLAN
SHALL BE CHECKED IN FIELD
NIAGARA FALLS WATER BOARD





NFWB Agenda Packet May 2020 Page 28

ITEM	NO.	PROJECT NAME	PROJECT DESCRIPTION	PROJECT JUSTIFICATION	STATUS	RATING	FUNDING	FORECASTED EXPENDITURES						
								2020	2021	2022	2023	2024	Deferred	
WATER TREATMENT PLANT INFRASTRUCTURE PROJECTS - WTP														
WTP	1	WTP Pump Replacements	Replacement of old WTP pumps necessary to process drinking water	Maintain treatment plant integrity	Ongoing	HIGH	Annual Coverage Transfer	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$100,000	
WTP	2	Automation & Security Upgrades at WTP	Automate WTP operations and perform necessary VA identified upgrades	Maintain facility security	On hold	MEDIUM	ON HOLD						\$500,000	
WTP	3	WTP Vent Line Replacement	Replace corroding process vent piping	Maintain treatment plant integrity	On hold	LOW	ON HOLD						\$100,000	
WTP	4	WTP Laboratory Instrumentation	New instruments for sample analysis	Regulation-driven water testing	On hold	MEDIUM	ON HOLD						\$100,000	
WTP	5	WTP Caulking	Repair aging and failing structural components	Restore structural integrity	Ongoing	HIGH	COMPLETED						\$125,000	
WTP	6	WTP Building Improvements	WTP renovations necessary for operation	Necessary for continued operation	On hold	MEDIUM	ON HOLD						\$150,000	
WTP	7	Water Treatment Plant Infrastructure Projects - Miscellaneous	WTP projects not forecasted or arise based on an emergency situation	Necessary for continued operation	As needed	HIGH	Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR								\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$1,175,000	
WATER INFRASTRUCTURE PROJECTS - W														
W	1	Hydrant Replacement	Hydrant Replacement - old and inoperable hydrants	Fire protection reliability	Potential 2020 grant application	HIGH	2020 EFC Grant Application	\$0	\$90,000	\$30,000	\$30,000	\$0		
							Project Cost Estimate	\$215,635	\$150,000	\$150,000	\$150,000	\$150,000	\$80,000	
							Future EFC Matching Funds	\$215,635	\$90,000	\$60,000	\$60,000	\$150,000		
							2020 EFC Grant Application			\$600,000				
							Project Cost Estimate			\$1,000,000			\$6,000,000	
							Future EFC Matching Funds			\$400,000				
W	2	20 inch main from Beech Ave Storage Tank to Ontario Street	Water Main Replacement - CIPP lining of water mains near Beech Avenue Water Tank	Distribution system operation & reliability	Potential 2020 grant application	HIGH	2020 EFC Grant Application	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000		
							Project Cost Estimate	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$50,000	
							Future EFC Matching Funds	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		
W	3	Large Valve Replacement	Valve Replacement - water valves >12"	System reliability	Potential 2020 grant application	HIGH	Annual Coverage Transfer						\$1,250,000	
W	4	Buffalo Avenue Water Valves	Valve Replacement - water valves that are damaged	Road reconstruction opportunity	Engineering ongoing	HIGH	Annual Coverage Transfer						\$200,000	
W	5	Leak Detection / Distribution Modeling	Water Distribution Study - Identify and control system losses	Resolve water quality & pressure issues; better asset management	Engineering mostly complete	MEDIUM	Annual Coverage Transfer							
W	6	Abandon 20" Victory Pipe WM	Water Main Abandon - unnecessary and failing watermain	Victory pipe, potential for breaks	Eliminated - covered by items W2 & W10	ELIMINATED	ELIMINATED						\$0	
W	7	Loop "D" Street Main - Falls Street to Gill Creek	Install new automatic blow-off	Water quality	On going in house by NFWB	HIGH	Annual Coverage Transfer	\$7,000					\$0	
W	8	Loop Niagara Avenue Main to Parkview Drive	Install new automatic blow-off	Water quality	On going in house by NFWB	HIGH	Annual Coverage Transfer	\$7,000					\$0	
W	9	10th Street and Michigan Avenue Mains - Lockport Street to Ontario Avenue (8") and 10th Street to 11th Street (8")	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Engineering ongoing, 2020 construction	HIGH	2018 NYS EFC WIIA Grant	\$450,000					\$0	
							Project Cost Estimate	\$750,000						
							2018 EFC Grant Matching Funds	\$300,000						
							2018 NYS EFC WIIA Grant	\$660,000						
W	10	18th Street Main - Ontario Avenue to Whitney Avenue (14" PE Sliplining)	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Engineering ongoing, 2020 construction	HIGH	Project Cost Estimate	\$1,100,000					\$0	
							2018 EFC Grant Matching Funds	\$440,000						
							2018 NYS EFC WIIA Grant		\$660,000					
W	11	77th Street Main - Frontier Avenue to Niagara Falls Boulevard (8")	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	2021 construction	HIGH	Project Cost Estimate		\$1,100,000				\$0	
							2018 EFC Grant Matching Funds		\$440,000					
W	12	80th Street - Niagara Falls Blvd. to Rick Manning Drive	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential future grant application	HIGH	Future EFC grant application					\$0	\$0	
							Project Cost Estimate					\$300,000	\$0	
W	13	81st Street Main - Frontier Avenue to Niagara Falls Boulevard	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	Future EFC Matching Funds					\$0	\$850,000	
W	14	Bollier Avenue Main - 82nd Street to Military Road	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	2020 construction	HIGH	2017 NYS EFC WIIA Grant	\$240,000					\$0	
							Project Cost Estimate	\$534,810						
							2017 EFC Grant Matching Funds	\$294,810						
W	15	College Terrace - Madison to College Avenue	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential future grant application	HIGH	Future EFC grant application					\$0	\$0	
							Project Cost Estimate					\$155,000		
							Future EFC Matching Funds					\$0		
W	16	LaSalle Avenue Main - Hyde Park Blvd to 11th Street	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$1,600,000	
W	17	Laughlin Drive Main - 82nd Street to Bollier Ave	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential 2020 grant application	MEDIUM	2020 EFC Grant Application				\$378,000			
							Project Cost Estimate				\$630,000		\$0	
							Future EFC Matching Funds				\$252,000			
W	18	McKoon Avenue Main - DeVeaux Avenue to James Avenue	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential future grant application	MEDIUM	Future EFC grant application					\$0	\$0	
							Project Cost Estimate					\$880,000		
							Future EFC Matching Funds					\$0		
W	19	Military Road Main - Jacob Place to Bollier Avenue	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Engineering ongoing, 2020 construction	MEDIUM	2018 NYS EFC WIIA Grant	\$120,000					\$0	
							Project Cost Estimate	\$200,000						
							2018 EFC Grant Matching Funds	\$80,000						
W	20	Military Road Main - Jacob Place to Cayuga Drive	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$210,000	
W	21	Ontario Avenue Main - 13th Street to Main Street	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential 2020 grant application	MEDIUM	2020 EFC Grant Application					\$480,000		
							Project Cost Estimate					\$800,000	\$0	
							Future EFC Matching Funds					\$200,000		
W	22	Pierce Avenue Main - 11th Street to 18th Street	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$570,000	
W	23	Pierce Avenue Main - 18th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$750,000	
W	24	Rivershore Drive Main - S.86th Street to 91st Street	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$280,000	
W	25	Van Rensselaer Ave - 900 Block	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential 2020 grant application	HIGH	2020 EFC Grant Application				\$90,000		\$0	
							Project Cost Estimate				\$150,000			
							Future EFC Matching Funds				\$60,000			
W	26	Welch Avenue Main - 19th Street to 24th Street (16")	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$600,000	
W	27	Whitney Avenue Main - 11th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	2021 construction	HIGH	2018 NYS EFC WIIA Grant		\$1,110,000				\$0	
							Project Cost Estimate	\$1,850,000						
							2018 EFC Grant Matching Funds		\$740,000					
W	28	Willow Avenue Main - 11th Street to 17th Street (8")	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	On hold	LOW	ON HOLD						\$460,000	
W	29	Witkop Avenue and 85th Street Loop (all 8")	Water Main Replacement - replace main and install new services	Replacement of watermain due to frequent breaks	Potential 2020 grant application	MEDIUM	2020 EFC Grant Application				\$432,000			
							Project Cost Estimate				\$720,000		\$0	
							Future EFC Matching Funds				\$288,000			
W	30	Water Infrastructure Projects - Miscellaneous	Water Projects - not forecasted or arise based on an emergency situation	Necessary for continued operation	As needed	HIGH	Annual Coverage Transfer	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$100,000	
PROJECT GRANT FUNDING LEGEND 2017 NYS EFC WIIA Grant Project, Drinking Water State Revolving Fund (DWSRF) - Project No.18435 (total grant amount = \$240,000) 2018 NYS EFC WIIA Grant Projects, Drinking Water State Revolving Fund (DWSRF) - Project No.18588 (total grant amount = \$3,000,000) 2020 NYS EFC WIIA Grant Projects, Drinking Water State Revolving Fund (DWSRF) - Potential Grant Application Project has been eliminated Red font means not currently in place							2017 NYS EFC WIIA Grant	\$240,000	\$0	\$0	\$0	\$0		
							2017 EFC Grant Matching Funds	\$294,810	\$0	\$0	\$0	\$0	\$0	
							2018 NYS EFC WIIA Grant	\$1,230,000	\$1,770,000	\$0	\$0	\$0	\$0	
							2018 EFC Grant Matching Funds	\$820,000	\$1,180,000	\$0	\$0	\$0	\$0	
							2020 NYS EFC WIIA Grant	\$150,000	\$240,000	\$840,000	\$1,140,000	\$630,000		
							2020 EFC Grant Matching Funds	\$315,635	\$160,000	\$508,000	\$708,000	\$576,000		
							Future EFC grant application	\$0	\$0	\$0	\$0	\$0	\$0	
							Future EFC Matching Funds	\$0	\$0	\$0	\$0	\$0	\$0	
							Annual Coverage Transfer	\$134,000	\$120,000	\$120,000	\$120,000	\$120,000		
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR							\$3,184,445	\$3,470,000	\$1,520,000	\$2,020,000	\$1,320,000	\$13,000,000		
FORECASTED EXPENDITURES - TOTALS PER YEAR							\$25,181,715	\$11,985,000	\$5,035,000	\$5,535,000	\$2,135,000	\$21,814,000		

TOTAL FORECASTED EXPENDITURES						
Fund Sources Total	2020	2021	2022	2023	2024	Sum 2020 - 2024
Annual Coverage Transfer	\$1,196,500	\$735,000	\$735,000	\$735,000	\$735,000	\$4,136,500
Current Grants	\$13,400,874	\$5,845,000	\$1,350,000	\$1,350,000	\$0	\$21,945,874
Current Grant Matching Funds	\$10,118,706	\$5,005,000	\$1,350,000	\$1,350,000	\$0	\$17,823,706
Future Grants	\$150,000	\$490,000	\$840,000	\$1,140,000	\$630,000	\$3,250,000
Private Grant Matching Funds	\$155,000	\$100,000	\$760,000	\$600,000	\$770,000	\$2,985,000
PENDITURES -TOTALS PER YEAR	\$25,181,715	\$12,235,000	\$5,035,000	\$5,535,000	\$2,135,000	\$50,121,715

**Niagara Falls Water Board
Personnel Actions and Report
Tuesday, May 19, 2020**

Personnel Actions Sheet & Requested of the Board

I. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1.1	MW2 (2)	WWTP/Inside Maintenance	\$32,379.98	Est Annual impact \$ 86,000 (Reason - succession planning - 2 people will be retiring within the next 12 months) We have lost people from this group and have not replaced them, we are now down to 4
1.2	Operating Engineer	Collection & Distributions	\$60,236.80	Total financial impact estimate \$72,000 although the productivity without an operator.

II. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
2.1	Project Engineer	Hire	\$125,000 - 160,000 annually	We have interviewed available candidates, the final candidate that we have available, deemed qualified is asking \$160,000 annually - DAS needs permission to negotiate BPS for the NFWB

III. BOARD NOTIFICATION OF OTHER MOVEMENT (CBA BID, MCSB APPOINTMENT, LEGAL STATUS CHANGE)				
Name	Position & type of labor move	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION / AUTHORITY
Patricia Zaepfel	Retirement	Environmental Lab	\$53,000	
Antione Cheff	Retirement	Operating Engineer	\$ 70,000 Tier I	

IV. OTHER ACTIVITY OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				

V. PERSONNEL ON LONG TERM LOA				
Name	Last Day Worked	Dept.	Return Status	Comments
Jesse Kuwik	Jan. 13 2020	WWTP/Maint.	Aug. 27 2020	Military Deployment

VI
(A) Go forward with the resolution to hire storeroom position & Deputy Director positions deleting the hiring of the Union positions of Storeroom/Warehouse position and HR Specialist
(B) Authorization to move forward with the Safety Associate and Inclusion/ Diversity Officer, reinstating the Storeroom/ Warehouse and HR Specialist position
(C) Go forward with the Safety Associate and Inclusion/Diversity Officer only

**Niagara Falls Water Board
Audit Summary
December 31, 2019**

- Unmodified (i.e. unqualified or “clean”) opinions were issued of the Board financial statements.
- Board complied with investment requirements of Section 201.3 of Title Two of the Official Compilation of Codes, Rules and Regulations of the State of New York
- No material weaknesses or significant deficiencies were noted in the Board’s internal controls over financial reporting or in the Board’s compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts.
- New recommendation was made for the Board to evaluation Cyber Security controls. This has been an increasing risk in to governmental agencies and public authorities. This recommendation is not the result of anything specifically noted at the Board but instead due to issues noted at other EFPR clients.
- Previous recommendations:
 - Disaster Recovery Plan – There is no formal plan in place. This comment is repeated from the prior year.
 - Plant Fund General Ledger – This fund is reconciled at year-end opposed to monthly. This comment is repeated from the prior year.
- Management was a pleasure to work with. We were provided everything we asked for in a timely manner.
- Expenses exceeded revenues by \$207,188. Revenues increased \$916,328 million due primarily gain on investments. Expenses increased \$442,561 million due primarily to strong budgetary controls and monitoring.
- The Board’s total bond indebtedness decreased by \$2,209,368 during the current fiscal year as a result of principal payments made of \$4,269,607 and premium amortization of \$129,754, offset by issuance of debt of \$2,189,993.
- The following summarizes the changes in net position:

	2019	2018	Change
Operating revenue	\$ 31,188,271	\$ 31,069,163	\$ 119,108
Operating expenses	\$ (29,957,629)	\$ (29,210,629)	\$ (747,000)
Non-operating revenue & expenses	\$ (1,437,830)	\$ (2,539,489)	\$ 1,101,659
Change in net position	\$ (207,188)	\$ (680,955)	\$ 473,767



REPORT TO THE BOARD

May 13, 2020

The Board of Directors
Niagara Falls Water Board

Dear Board Members:

We have audited the financial statements of the Niagara Falls Water Board (the Board) as of and for the year ended December 31, 2019, and have issued our report thereon dated May 13, 2020. Professional standards require that we provide you with information about our responsibilities under auditing standards generally accepted in the United States of America and Government Auditing Standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our engagement letter. Professional standards also require that we communicate to you the following information related to our audit.

Significant Accounting Policies

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Board are described in note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year ended December 31, 2019. We noted no transactions entered into by the Board during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the financial statements were:

- Collection of accounts receivable
- Useful lives used to depreciate capital assets
- Estimated unbilled receivables

- Compensated absences
- Postemployment benefits
- Pension plans

For the year ended December 31, 2019, we evaluated the key factors and assumptions used by management in determining accounting estimates and were reasonable in relation to the financial statements taken as a whole.

Sensitive Disclosures

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive disclosures affecting the financial statements were:

- Bond indebtedness (note 5)
- Postemployment benefits (note 7)
- Pension plans (note 8)
- Risk management and contingent liabilities (note 11)
- Subsequent events (note 1(g))

Difficulties Encountered in Performing the Audit

We encountered no difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely adjustments identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements.

Disagreements with Management

For purposes of this report, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a “second opinion” on certain situations. If a consultation involves application of an accounting principle to the Board’s financial statements or a determination of the type of auditors’ opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Board’s auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquires of management regarding the methods of preparing the information and comparing the information for consistency with management’s responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the other supplementary information, which accompanies the financial statements but is not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

* * * * *

This information is intended solely for the use of the Board of Directors and management of the Niagara Falls Water Board and is not intended to be and should not be used by anyone other than these specified parties.

We appreciate the opportunity to serve as your auditors. Please contact us at your convenience if you would like to meet with us to discuss our findings in further detail or to review any other questions that you might have.

Very truly yours,

EFPR Group, CPAs, PLLC

EFPR GROUP, CPAs, PLLC

May 13, 2020

CONFIDENTIAL

The Board of Directors
Niagara Falls Water Board

Dear Board Members:

We have completed our audit of the financial statements of the Niagara Falls Water Board (the Board) for the year ended December 31, 2019. Considering the test character of our audit, you will appreciate that reliance must be placed on adequate methods of internal control as your principal safeguard against irregularities which a test examination may not disclose.

This report is intended solely for the information and use of the Board of Directors, management and others within the Board.

We now present for your consideration our comments and recommendations based upon observations made during our audit.

Cyber Security

To address recent Cyber Attacks that have occurred across the Country, such as ransomware and security breaches, we recommend that a GAP analysis and risk assessment of the Board's information/cyber security program be performed. A GAP analysis and risk assessment would entail performing the following:

- A full Information/Cyber Security Risk Assessment includes a review of vulnerabilities that could affect:
 - Confidentiality
 - Integrity
 - Availability
- The resulting Risk Ratings should be reviewed and agreed upon by the Board of Directors
- Controls should be documented and implemented to mitigate the risks.

- The standard that is going to be followed should be selected and implemented. The American Institute of Certified Public Accountants recommends that the standards of the International Organization for Standardization (ISO) 27001 - *“Information Security Management for SOC 2 Audits”* be incorporated into the analysis.
- A fully documented Information/Cyber Security Program should be completed.
- Awareness Training should be conducted annually for all Board personnel.
- Best practice is that a Business Continuity Plan and Disaster Recovery Plan be documented, implemented and annually tested.
- Information/Cyber Security Insurance Riders should map to the Risk Assessment.

Additionally, a review of insurance coverage with the Board’s carrier should be conducted to make sure that the Board is properly covered for cyber security related events. Rather than steal information, it is becoming more common for attackers to install ransomware which locks out users until such a time as the effected entity pays the attacker a “ransom” for access to their own files.

Previous Recommendations

We reviewed the disposition of recommendations included in our letter dated April 15, 2019. The following is a summary of the action taken by the Board with regard to our recommendations.

Disaster Recovery Plan - During our audit, we noted that there was no disaster recovery plan to provide a comprehensive method for the restoration of operations or an alternate processing location if needed.

The lack of a comprehensive plan and a more frequent backup of the Board’s data could likely result in lost information and inefficiencies in restoring Board operations in the event of a disaster. We recommended that the Board review its backup process to minimize the potential loss of information and develop a comprehensive plan for restoration of Board information systems in the event of a disaster. This comment is considered repeated.

Plant Fund General Ledger - The Board does not maintain adequate accounting records for the plant fund. No general ledger or supporting cash receipts or cash disbursement journals were maintained. In order to properly account for transactions and prepare accurate financial statements, we recommended that the Board maintain a general ledger and cash receipts and cash disbursement journals for the plant fund similar to how the other funds are maintained. Management will continue to develop these procedures. This comment is considered repeated.

* * * * *

We take this opportunity to thank the staff of the Niagara Falls Water Board for the courtesy and cooperation extended to us during the audit. If you have any questions regarding the foregoing comments or wish any assistance in their implementation, please contact us at your convenience.

Very truly yours,

EFPR Group, CPAs, PLLC

EFPR GROUP, CPAs, PLLC

NIAGARA FALLS WATER BOARD

Basic Financial Statements,
Supplementary Information and
Independent Auditors' Report
December 31, 2019 and 2018

NIAGARA FALLS WATER BOARD

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INDEPENDENT AUDITORS' REPORT

The Board of Directors
Niagara Falls Water Board:

Report on the Financial Statements

We have audited the accompanying financial statements of the Niagara Falls Water Board (the Board) as of and for the years ended December 31, 2019 and 2018, and the related notes to financial statements, which collectively comprise the Board's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Board's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Niagara Falls Water Board, as of December 31, 2019 and 2018, and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

As described in note 1(d) to the financial statements, the District adopted the provisions of Governmental Accounting Standards Board (GASB) Statement No 75 - "Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions," during the year ended December 31, 2018. Our opinion is not modified with respect to this matter.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 4 through 10, and additional information as listed in the table of contents on pages 41 through 43 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Niagara Falls Water Board's basic financial statements. The accompanying other supplementary information as listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The other supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplementary information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated May 13, 2020, on our consideration of the Niagara Falls Water Board's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Board's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Board's internal control over financial reporting and compliance.

EFPR Group, CPAs, PLLC

Williamsville, New York
May 13, 2020

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis
December 31, 2019 and 2018

As management of the Niagara Falls Water Board (the Board), we offer readers of the Board's financial statements this narrative and analysis of the financial activities of the Board for the years ended December 31, 2019 and 2018.

Following this Management's Discussion and Analysis (MD&A) are the financial statements of the Board together with the notes thereto. Please read the MD&A in conjunction with the Board's financial statements and the accompanying notes in order to obtain a full understanding of the Board's financial position and results of operations.

The Board was created by an Act of the State of New York, as more fully described in note 1 to the financial statements, and commenced operations on September 25, 2003. In accordance with an agreement with the City of Niagara Falls, New York (the City) the Board received all assets, liabilities and operating activities (including all personnel) of the City's former Water and Sewer Funds. In return, the Board issued debt, which was used to defease outstanding City bonded debt relating to its Water and Sewer Funds.

Financial Highlights

- The liabilities and deferred inflows of resources of the Board exceeded its assets and deferred outflows of resources by \$(4,328,324) and \$(4,121,136) (net position) at December 31, 2019 and 2018, respectively. At December 31, 2019 and 2018, \$(59,541,445) and \$(62,040,700) (unrestricted net position), respectively, may be used to meet the Board's ongoing obligations.
- The Board's operating income for the years ended December 31, 2019 and 2018 was \$1,230,642 and \$1,858,534, respectively.
- The Board's total bond indebtedness decreased by \$2,209,368 during the current fiscal year as a result of principal payments made of \$4,269,607 and premium amortization of \$129,754, offset by issuance of debt of \$2,189,993.
- The Board reflected a liability for postemployment benefits of \$88,864,058 and \$87,609,060 at December 31, 2019 and 2018, respectively.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Board's basic financial statements which include the financial activities of the Board, the Niagara Falls Public Water Authority (the Authority) (a blended component unit), and the notes to financial statements. The reasons for blending the financial activities are explained in note 1 to the financial statements. An overview of the responsibilities of the Board and the Authority is presented as follows.

<u>Board</u>	<u>Authority</u>
* Owns the System	* Issues debt
* Operates and maintains the System	* Provides proceeds of debt for construction and improvements
* Responsible for System improvements	* Provides oversight regarding adequacy of revenues and System conditions
* Sets rates and collects revenues	
* Pays debt service on bonds	

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

The financial statements are designed to provide readers with a broad overview of the Board's finances in a manner similar to a private-sector business, and are organized as follows:

- The statements of net position presents information on all of the Board's assets, deferred outflows of resources, liabilities and deferred inflows of resources, with the difference between the four reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Board is improving or deteriorating.
- The statements of revenue, expenses and changes in net position presents information on how the Board's net position changed during each reporting period. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenue and expenses are reported in these statements for some items that will result in cash flows for future fiscal periods (e.g., uncollected water and sewer rents, earned but unused vacation and postemployment benefits).
- The statements of cash flows presents information depicting the Board's cash flow activities for each reporting period and the effect that these activities had on the Board's cash and equivalent balances.
- The notes to the financial statements provide additional information that is essential to a full understanding of the data provided in the financial statements. The notes to the financial statements can be found on pages 16 through 40 of this report.

Financial Analysis

As noted earlier, net position may serve over time as a useful indicator of the Board's financial position. Liabilities and deferred inflows exceeded assets and deferred outflows by \$(4,328,324) at December 31, 2019, as compared to \$(4,121,136) at December 31, 2018, as presented as follows:

<u>Niagara Falls Water Board's Net Position</u>				
	December 31,		Increase/(Decrease)	
	<u>2019</u>	<u>2018</u>	<u>Dollars</u>	<u>Percent</u>
Current assets	\$ 35,227,654	31,479,515	3,748,139	11.9%
Noncurrent assets	<u>147,358,855</u>	<u>152,335,662</u>	<u>(4,976,807)</u>	(3.3%)
Total assets	<u>182,586,509</u>	<u>183,815,177</u>	<u>(1,228,668)</u>	(0.7%)
Deferred outflows	<u>1,135,983</u>	<u>1,821,720</u>	<u>(685,737)</u>	(37.6%)
Current liabilities	11,861,344	11,710,927	150,417	1.3%
Noncurrent liabilities	<u>174,851,266</u>	<u>175,566,392</u>	<u>(715,126)</u>	(0.4%)
Total liabilities	<u>186,712,610</u>	<u>187,277,319</u>	<u>(564,709)</u>	(0.3%)
Deferred inflows	<u>1,338,206</u>	<u>2,480,714</u>	<u>(1,142,508)</u>	(46.1%)
Net investment in capital assets	29,053,483	26,040,626	3,012,857	11.6%
Restricted	26,159,638	31,878,938	(5,719,300)	(17.9%)
Unrestricted	<u>(59,541,445)</u>	<u>(62,040,700)</u>	<u>2,499,255</u>	4.0%
Total net position	\$ <u>(4,328,324)</u>	<u>(4,121,136)</u>	<u>(207,188)</u>	5.0%

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

The Board's net investment in capital assets, is a surplus net position of \$29,053,483 and \$26,040,626 at December 31, 2019 and 2018, respectively. This results from the timing of the amortization of the Board's capital debt, as outstanding principal for most of the Board's serial bonds is not paid until late into the life of the debt, while depreciation occurs annually.

The Board's unrestricted net position (deficit) was \$(59,541,445) and \$(62,040,700) at December 31, 2019 and 2018, respectively. The restricted debt service portion of the Board's net position, \$5,754,527 and \$4,795,231 at December 31, 2019 and 2018, respectively, represents funds that are set aside to be used towards debt service. The restricted capital projects portion of the Board's net position, \$6,786,581 and \$12,672,427 at December 31, 2019 and 2018, respectively, represents funds that are set aside primarily for the reconstruction of the Falls Street Tunnel. The restricted debt reserve fund portion of the Board's net position, \$8,389,738 and \$9,182,488 at December 31, 2019 and 2018, respectively, represents funds for future debt service payments. The restricted operating and maintenance reserve fund portion of the Board's net position, \$5,228,792 at December 31, 2019 and 2018, represents funds to pay the cost of extraordinary repairs to and maintenance of the system.

The Board's unrestricted net position is the remainder of total net position after taking net investment in capital assets, restricted for capital projects, restricted for operations and maintenance and restricted for debt related reserves into account. Unrestricted net position (deficit) decreased in 2019 by \$2,499,255 because of an increase in net investment in capital assets of \$3,012,857, a decrease of \$5,719,300 in restricted net position and a loss of \$207,188.

A comparison of current assets to current liabilities of the Board at December 31, 2019 and 2018 follows:

	<u>2019</u>	<u>2018</u>
Current assets	\$ 35,227,654	31,479,515
Current liabilities	<u>11,861,344</u>	<u>11,710,927</u>
Ratio of current assets to current liabilities	2.97	2.69

The Board's total net position (deficit) decreased by \$207,188 during the year ended December 31, 2019, as compared to a decrease of \$680,955 for the year ended December 31, 2018. Key elements of the current year's decrease in net position (deficit) are as follows:

<u>Niagara Falls Water Board's Changes in Net Position</u>			
	<u>2019</u>	<u>2018</u>	Increase/ (decrease)
Total operating revenue	\$ 31,188,271	31,069,163	119,108
Total operating expenses	<u>(29,957,629)</u>	<u>(29,210,629)</u>	<u>(747,000)</u>
Operating income	1,230,642	1,858,534	(627,892)
Total non-operating revenue (expenses)	<u>(1,437,830)</u>	<u>(2,539,489)</u>	<u>1,101,659</u>
Change in net position, before restatement	\$ <u>(207,188)</u>	<u>(680,955)</u>	<u>473,767</u>

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

The Board's major sources of operating revenue are charges for water and sewer services which comprise approximately 95% of total operating revenue. These revenues combined decreased \$1,280,341 million from 2018. These revenues are dependent upon rates charged for these services, with such rates being determined by the Board. Please see the section entitled "Economic Factors and Next Year's Rates" within this MD&A for a listing of the rates charged during 2019 and approved rates for 2020.

The Board's largest operating expense area relates to its employees. Together, personnel costs (salaries) and employee benefits approximate 44% of total operating expenses. In 2019, these costs totaled approximately \$13.1 million as compared to \$12.9 million in 2018, representing an approximate \$0.2 million increase in this area. This increase is due to cost of living adjustments.

Within the non-operating revenue (expenses) category, interest expense is by far the largest expense item and represents the cost of carrying serial bonds, which totaled \$89,300,386 and \$91,380,000, at December 31, 2019 and 2018, respectively.

The following is a summary of the Board's cash flow activities for the years ended December 31, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
Cash flows provided by (used in):		
Operating activities	\$ 8,719,345	10,078,817
Capital and related financing activities	(12,803,078)	(13,841,292)
Investing activities	<u>6,882,645</u>	<u>1,731,313</u>
Change in cash and equivalents	2,798,912	(2,031,162)
Cash and equivalents at beginning of year	<u>21,391,578</u>	<u>23,422,740</u>
Cash and equivalents at end of year	<u>\$ 24,190,490</u>	<u>21,391,578</u>

The Board's available cash and equivalents increased by \$2,798,912 during the year ended December 31, 2019, as compared to a decrease of \$2,031,162 during the year ended December 31, 2018. Cash provided by operating activities reflected a positive balance was \$8,719,345 and \$10,078,817, respectively, for the years ended December 31, 2019 and 2018.

Capital Assets and Debt Administration

Capital Assets - The Board's investment in capital assets (net of accumulated depreciation) as of December 31, 2019, amounted to \$121,199,217, as compared to \$120,456,724 at December 31, 2018. This includes land, plant and transmission (infrastructure type assets), machinery and equipment, and construction in progress. The Board's greatest investment in capital assets comes in the form of infrastructure. Significant factors affecting capital assets during the reporting period include:

- The Board recorded total additions to capital assets of \$7,634,465.
- Additions to construction in progress totaled \$5,444,472. Completed capital projects transferred to depreciable asset categories totaled \$4,633,505.
- The Board recorded total depreciation of \$6,891,972 and \$6,452,502 for the years ended December 31, 2019 and 2018, respectively.

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

A summary of capital assets, net of depreciation where applicable, is as follows:

	<u>2019</u>	<u>2018</u>
Nondepreciable assets:		
Land	\$ 463,713	463,713
Construction in progress	3,995,120	3,184,153
Depreciable assets:		
Plant and transmission assets (water system)	44,863,935	46,875,435
Plant and transmission assets (wastewater system)	65,906,055	64,822,543
Machinery and equipment	<u>5,970,394</u>	<u>5,110,880</u>
Total	\$ <u>121,199,127</u>	<u>120,456,724</u>

Construction in progress represents ongoing capital construction which will be transferred to the appropriate asset category (and begin to be depreciated) upon completion.

More detailed information about the Board's capital assets is presented in the notes to financial statements.

Serial Bonds - At December 31, 2019, the Board had outstanding serial bonds totaling \$89,300,386 as compared to \$91,380,000 at December 31, 2018. During the year ended December 31, 2019, the Board made principal payments of \$4,269,607 on these bonds and issued a new bond in the amount of \$2,189,993.

The Board used bond debt to finance the original purchase of the assets (net of liabilities and including the water, sewer and storm water systems) from the City. In the future, the Board may utilize bond debt issuances as a primary source of funds for construction, renovations and system improvements.

Postemployment Benefits - Upon retirement, the Board's employees are entitled to continuous health insurance coverage. At December 31, 2019 and 2018, the liability recorded for these benefits amounted to \$88,864,058 and \$87,609,060, respectively.

Compensated Absences - Upon separation, Board employees are entitled to payment of unused sick and vacation time. The total liability relating to these payments at December 31, 2019 is \$736,197, compared to December 31, 2018 is \$709,411. The timing of the payments relating to compensated absences is dependent upon many factors, including the retirement or separation from service, and is therefore difficult to predict; however, the Board estimates that \$36,810 of such liability is current at December 31, 2019.

Economic Factors and Next Year's Rates

As noted earlier, the Board's largest sources of operating revenues are water and sewer rents from customers. These revenues result from rates charged based on water usage by the individual customer. Rates can be adjusted accordingly in order to help meet the expenses of the Board. When considering rate changes, the Board utilizes the services of a rate consultant to help forecast the magnitude and effects of potential changes. As required by law, the general public's opinions are also taken into consideration, through public hearings, when contemplating a change in rates charged for services. Water rates charged for 2019 and approved rates to be charged for 2020 are as follows:

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

	<u>2019</u>		<u>2020</u>	
	Amount to be charged (per 100 cubic feet)		Amount to be charged (per 100 cubic feet)	
<u>Amount Consumed</u>	Inside <u>city</u>	Outside <u>city</u>	Inside <u>city</u>	Outside <u>city</u>
First 20,000 cubic feet per quarter	3.42	9.13	3.42	9.13
Next 60,000 cubic feet per quarter	2.96	7.97	2.96	7.97
Next 120,000 cubic feet per quarter	2.51	6.64	2.51	6.64
Over 200,000 cubic feet per quarter	2.08	5.59	2.08	5.59
Minimum charge for water consumption per quarter	44.40	118.68	44.40	118.68

In addition to the above schedule of rates for water consumed, a demand charge is assessed for each user's meter, as set forth below:

<u>Size and Type</u>	<u>2019 Rate</u> (per quarter)	<u>2020 Rate</u> (per quarter)
Under 1" Disc	\$ 3.70	3.70
1" Disc	25.00	25.00
2" Disc	40.00	40.00
2" Compound	40.00	40.00
3" Compound	50.00	50.00
4" Compound	100.00	100.00
6" Compound	220.00	220.00
8" Compound	250.00	250.00
10" Compound	275.00	275.00
12" Compound	400.00	400.00

In addition to charging for water consumption and services, the Board also charges users with respect to sewer and wastewater services provided. All users have been divided into two "user classes" - Commercial/Small Industrial/Residential Users (CSIRU) and Significant Industrial Users (SIU).

Sewer rates for the CSIRU class are determined by the total metered water consumption in each quarter. Rates charged for 2019 and rates to be charged during 2020 are as follows:

<u>Amount Consumed</u>	<u>2019</u>	<u>2020</u>
Minimum charge per quarter (up to 1,300 cubic feet)	\$ 58.79	58.79
Additional usage in excess of 1,300 cubic feet (\$/cubic feet)	4.52	4.52

NIAGARA FALLS WATER BOARD
Management's Discussion and Analysis, Continued

Sewer rates for the SIU class are determined each quarter based on the actual measured quantities and composition of wastewater flow. Such rates are determined by the Board and are based upon five representative 24-hour composite samples taken quarterly. Rates for the SIU class for the year ended December 31, 2019 and approved for 2020 were \$3,176 per million gallons for wastewater flow; \$1.02 per pound for all suspended solids discharged; and \$1.76 per pound for all soluble organic carbon compounds discharged. In addition, SIU's are charged fees, as needed, for certain other "substances of concern" which are discharged in their wastewater.

The United States is presently in the midst of a national health emergency related to the COVID-19 virus. The overall consequences of the COVID-19 virus on a national, regional and local level are unknown, but has the potential to result in a significant economic impact. The impact of this situation on the Board and its future results and financial position is not presently determinable.

Contacting the Board's Financial Management

This financial report is designed to provide taxpayers, customers, and creditors with a general overview of the Board's finances and to show the Board's accountability for the money it receives. If you have questions about this report or need additional financial information, contact Ms. Kendra Walker, Michael O'Laughlin Municipal Water Plan, 5815 Buffalo Avenue, Niagara Falls, New York 14304.

NIAGARA FALLS WATER BOARD
Statements of Net Position
December 31, 2019 and 2018

<u>Assets</u>	<u>2019</u>	<u>2018</u>
Current assets:		
Cash and equivalents	\$ 24,190,490	21,391,578
Accounts receivable, net of allowance for uncollectible accounts	8,800,667	8,740,792
Due from other governments, net of allowance for uncollectible accounts	1,184,940	1,250,223
Grants receivable	766,937	-
Prepaid expenses	<u>284,620</u>	<u>96,922</u>
Total current assets	<u>35,227,654</u>	<u>31,479,515</u>
Noncurrent assets:		
Restricted cash and investments - capital projects	6,786,581	12,672,427
Restricted cash and investments - debt service fund	5,754,527	4,795,231
Restricted cash and investments - debt service reserve fund	8,389,738	9,182,488
Restricted cash and investments - operating and maintenance reserve	5,228,792	5,228,792
Capital assets:		
Land	463,713	463,713
Construction in progress	3,995,120	3,184,153
Waste and waste water system	184,759,145	179,692,253
Machinery and equipment	11,708,394	10,079,046
Less accumulated depreciation	<u>(79,727,155)</u>	<u>(72,962,441)</u>
Total capital assets, net of accumulated depreciation	<u>121,199,217</u>	<u>120,456,724</u>
Total noncurrent assets	<u>147,358,855</u>	<u>152,335,662</u>
Total assets	<u>182,586,509</u>	<u>183,815,177</u>
<u>Deferred Outflows of Resources</u>		
Pension	<u>1,135,983</u>	<u>1,821,720</u>

(Continued)

See accompanying notes to financial statements.

NIAGARA FALLS WATER BOARD
Statements of Net Position, Continued

<u>Liabilities</u>	<u>2019</u>	<u>2018</u>
Current liabilities:		
Accounts payable	\$ 2,582,753	2,855,551
Accrued liabilities	2,147,891	2,178,090
Overpayments	5,900	4,850
Current portion of noncurrent liabilities:		
Compensated absences	36,810	35,471
Total OPEB liability	2,771,796	2,581,965
Bonds payable	<u>4,316,194</u>	<u>4,055,000</u>
Total current liabilities	<u>11,861,344</u>	<u>11,710,927</u>
Noncurrent liabilities:		
Compensated absences	699,387	673,940
Total OPEB liability	86,092,262	85,027,095
Bonds payable	86,919,687	89,390,249
Net pension liability - proportionate share - ERS System	<u>1,139,930</u>	<u>475,108</u>
Total noncurrent liabilities	<u>174,851,266</u>	<u>175,566,392</u>
Risk management and contingent liabilities (note 11)		
Total liabilities	<u>186,712,610</u>	<u>187,277,319</u>
<u>Deferred Inflows of Resources</u>		
Pension	428,353	1,509,865
Gain on refunding	<u>909,853</u>	<u>970,849</u>
Total deferred inflows of resources	<u>1,338,206</u>	<u>2,480,714</u>
<u>Net Position</u>		
Net investment in capital assets	29,053,483	26,040,626
Restricted for capital projects	6,786,581	12,672,427
Restricted for debt service fund	5,754,527	4,795,231
Restricted for debt service reserve fund	8,389,738	9,182,488
Restricted for operating and maintenance	5,228,792	5,228,792
Unrestricted (deficit)	<u>(59,541,445)</u>	<u>(62,040,700)</u>
Total net position (deficit)	<u>\$ (4,328,324)</u>	<u>(4,121,136)</u>

See accompanying notes to financial statements.

NIAGARA FALLS WATER BOARD
Statements of Revenue, Expenses and Changes in Net Position
Years ended December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
Operating revenue:		
Water rents and charges	\$ 10,106,620	10,772,298
Sewer rents and charges	19,404,849	20,019,512
Licenses and permits	243,507	222,950
Grants	1,261,101	-
Other services	<u>172,194</u>	<u>54,403</u>
Total operating revenue	<u>31,188,271</u>	<u>31,069,163</u>
Operating expenses:		
Personnel costs	6,140,679	6,065,718
Contractual expenses	9,990,533	9,902,911
Employee benefits	6,934,445	6,789,498
Depreciation expense	<u>6,891,972</u>	<u>6,452,502</u>
Total operating expenses	<u>29,957,629</u>	<u>29,210,629</u>
Operating income	<u>1,230,642</u>	<u>1,858,534</u>
Non-operating revenue (expenses):		
Use of money and property	1,163,345	647,827
Gain on sale of property	290,485	8,783
Interest expense	<u>(2,891,660)</u>	<u>(3,196,099)</u>
Total non-operating revenue (expenses)	<u>(1,437,830)</u>	<u>(2,539,489)</u>
Change in net position	<u>(207,188)</u>	<u>(680,955)</u>
Net position (deficit) at beginning of year, before restatement	(4,121,136)	55,546,505
Cumulative effect of change in accounting principle (note 14)	<u>-</u>	<u>(58,986,686)</u>
Net position (deficit) at beginning of year, as restated	<u>(4,121,136)</u>	<u>(3,440,181)</u>
Net position (deficit) at end of year	<u>\$ (4,328,324)</u>	<u>(4,121,136)</u>

See accompanying notes to financial statements.

NIAGARA FALLS WATER BOARD
Statements of Cash Flows
Years ended December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
Cash flows from operating activities:		
Receipts from customers and users	\$ 30,427,792	31,090,117
Payments to suppliers	(10,191,194)	(9,418,908)
Payments to employees	<u>(11,517,253)</u>	<u>(11,592,392)</u>
Net cash provided by operating activities	<u>8,719,345</u>	<u>10,078,817</u>
Cash flows from capital and related financing activities:		
Gain on sale of property	290,485	8,783
Acquisition of capital assets	(7,894,300)	(6,515,845)
Principal paid on capital debt	(4,269,607)	(3,915,000)
Issuance of capital debt	2,189,993	-
Interest paid on capital debt	<u>(3,119,649)</u>	<u>(3,419,230)</u>
Net cash used in capital and related financing activities	<u>(12,803,078)</u>	<u>(13,841,292)</u>
Cash flows from investing activities:		
Interest earned	1,163,345	647,827
Change in restricted cash and investments - capital projects	5,885,846	945,017
Change in restricted cash and investments - debt service fund	(959,296)	(995,577)
Change in restricted cash and investments - debt service reserve fund	792,750	(360,094)
Change in restricted cash and investments - operating and maintenance	<u>-</u>	<u>1,494,140</u>
Net cash provided by investing activities	<u>6,882,645</u>	<u>1,731,313</u>
Change in cash and equivalents	2,798,912	(2,031,162)
Cash and equivalents at beginning of year	<u>21,391,578</u>	<u>23,422,740</u>
Cash and equivalents at end of year	<u><u>\$ 24,190,490</u></u>	<u><u>21,391,578</u></u>

(Continued)

See accompanying notes to financial statements.

NIAGARA FALLS WATER BOARD
Statements of Cash Flows, Continued

	<u>2019</u>	<u>2018</u>
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	\$ 1,230,642	1,858,534
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation expense	6,891,972	6,452,502
Changes in:		
Accounts receivable	(59,875)	(70,857)
Due from other governments	65,283	89,961
Grants receivable	(766,937)	-
Prepaid expenses	(187,698)	275,729
Accounts payable	(12,963)	208,274
Accrued liabilities	7,040	(52,145)
Overpayments	1,050	1,850
Compensated absences	26,786	7,731
Total OPEB liability	1,254,998	1,228,380
Net pension liability - proportionate share - ERS System	664,822	(816,643)
Deferred outflows of resources - pension	685,737	(406,610)
Deferred inflows of resources - pension	<u>(1,081,512)</u>	<u>1,302,111</u>
Total adjustments	<u>7,488,703</u>	<u>8,220,283</u>
Net cash provided by operating activities	<u>\$ 8,719,345</u>	<u>10,078,817</u>
Supplemental schedule of cash flow information:		
Adjustment for capital assets financed by accounts payable	<u>\$ 1,580,759</u>	<u>1,840,594</u>
Disposal of fully depreciated capital assets	<u>\$ 127,258</u>	<u>-</u>

See accompanying notes to financial statements.

NIAGARA FALLS WATER BOARD

Notes to Financial Statements

December 31, 2019 and 2018

(1) Summary of Significant Accounting Policies

The financial statements of the Niagara Falls Water Board (the Board) have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental units. Included in the Board's reporting entity is a blended component unit, the Niagara Falls Public Water Authority (the Authority).

(a) Reporting Entity

The Board was created by Chapter 325 of the Laws of 2002 of the State of New York (the State), codified as Sections 1231-a of Title 10-C of Article 5 of the Public Authorities Law of the State, as amended (the Board Act). The Authority was created by Chapter 275 of the Laws of 2002 of the State, constituting the Niagara Falls Public Water Authority Act, codified as Sections 1230-a through 1230-aa of Title 10-B of Article 5 of the Public Authorities Law of the State, as amended (the Authority Act).

The Board is a corporate municipal instrument of the State consisting of five members primarily responsible for the jurisdiction, control, possession, supervision and use of water, wastewater and storm water systems within the City of Niagara Falls, New York (the City).

The Authority is a public benefit corporation consisting of three members and is primarily responsible for obtaining financing for water, wastewater and storm water systems within the City.

Board members for both the Board and Authority are appointed pursuant to the enabling legislation.

Pursuant to the Board Act and the Authority Act, the Board, the Authority and the City executed an acquisition agreement effective September 25, 2003 whereby the Authority issued bonds enabling the Board to purchase all of the assets, net of liabilities, of the City's public water, wastewater and storm water systems. The Board began operations of these systems on that date.

Currently there are approximately 19,536 residential, 329 commercial and 24 large industrial type customers. Total population served by the water system is estimated at 51,000. The average daily demand is 23.1 million gallons per day. The Board's wastewater system generally covers the same service area and customer base as the water system. The wastewater treatment plant processes approximately 29.3 million gallons of wastewater per day.

Blended Presentation of Component Unit - Although they are legally separate entities, blended component units are, in substance, part of the government's operations. The following is a brief description of the blended component unit included in the primary government.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(a) Reporting Entity, Continued

Niagara Falls Public Water Authority - Among the powers given to the Authority is the ability to borrow money and issue negotiable or non-negotiable notes, bonds or other obligations for the acquisition, renovation and improvement to the regional water system.

The Authority may also apply for licenses, permits and approval of plans associated with the acquisition, renovation and improvement of the regional water system. In the process of borrowing funds to improve facilities, professional consultants may be retained to offer technical services and advice for the purpose and benefit of acquiring or improving the systems.

The Authority has entered into an agreement with the Board to make payments for the debt service required by these bonds. The Board is also required to make payments for Authority expenses. The obligation to make debt service is a general obligation to which its full faith and credit are pledged.

The Authority is considered a component unit since the Board is obligated to pay debt service and fund other accounts of the Authority. Thus, the Authority is “fiscally dependent” upon the Board to establish rates and collect fees necessary to pay these debts. Further, the Authority is “blended” with the Board in the financial statements because the Authority exists solely to provide services that predominantly benefit the Board.

(b) Measurement Focus and Basis of Accounting

The financial statements of the Board have been prepared in accordance with GAAP as applied to governmental units. The Government Accounting Standards Board (GASB) is the accepted standard-setting body for establishing government accounting and financial reporting principles.

The activities of the Board are accounted for similar to those often found in the private sector using the flow of economic resources measurement focus and the accrual basis of accounting. All assets, liabilities, deferred outflows of resources, deferred inflows of resources, net position, revenues, and expenses are accounted for through a single enterprise fund with revenues recorded when earned and expenses recorded at the time liabilities are incurred.

Revenues from providing water and sanitary sewer services are reported as operating revenues. Transactions which are capital, financing or investing related are reported as non-operating revenues. All expenses related to operating systems are reported as operating expenses. Interest expense and financing costs are reported as non-operating expenses.

(c) Budgets

The annual budget is the financial plan for the effective operation of the Board and the Authority. The Board uses the budget as a management tool for internal control purposes and to assist in setting of appropriate user charges.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(d) Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position

- Cash and Equivalents - The Board's cash and equivalents represent cash on hand, demand deposits, and short-term investments with original maturities of three months or less from the date of acquisition.
- Restricted Cash and Investments - Capital Projects - In 2007, the Board received \$19,000,000 from the New York State Power Authority (the Power Authority) which is restricted for capital improvement projects including, but not limited to, the Falls Street Tunnel. At December 31, 2019 and 2018, the total amount restricted for capital projects amounted to \$6,786,581 and \$12,672,427, respectively.
- Restricted Cash and Investments - Debt Service Fund - As a result of the purchase of the water and sewer systems from the City, certain bond covenants, as disclosed in note 5, were established requiring resources (consisting of cash and investments) to be maintained for specific purposes necessary to operate the water and sewer systems. At December 31, 2019 and 2018, the total amount restricted for debt service fund amounted to \$5,754,527 and \$4,795,231, respectively.

Cash has been deposited into various trust funds with a fiscal agent to satisfy certain covenants. Further, the amounts have been invested into various short-term investments in compliance with the Board's investment policy. Certain funds were used for their intended purposes and are no longer available for investment.

- Restricted Cash and Investments - Debt Service Reserve Fund - This fund was established to fulfill the debt service reserve requirements on the outstanding bonds as and when they become due. At December 31, 2019 and 2018, the total amount restricted for debt service reserve fund amounted to \$8,389,738 and \$9,182,488, respectively.
- Restricted Cash and Investments - Operating and Maintenance - This fund is restricted to pay the cost of extraordinary repairs to and maintenance of the system. At December 31, 2019 and 2018, the total amount restricted for operating and maintenance amounted to \$5,228,792.

- Fair Value Measurements and Disclosures

A framework has been established for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

- Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Board has the ability to access.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(d) Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position, Continued

- Level 2 - Inputs to the valuation methodology include:
 - Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted prices that are observable for the assets or liabilities; and
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

An asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. There have been no changes in the methodologies used at December 31, 2019.

The following is a description of the valuation methodologies used for assets measured at fair value.

Mutual funds and equities - Valued at the closing price reported on the active market in which the individual securities are traded.

Corporate and government bonds - Valued at the closing price reported on the active markets in which the individual securities are traded.

The Board assess the levels of the investments at each measurement date, and transfers between levels are recognized on the actual date of the event or change in circumstances that caused the transfer in accordance with its accounting policy regarding the recognition of transfers between levels of the fair value hierarchy.

- Accounts Receivable - All receivables are reported at their gross values and, where appropriate, are reduced by the estimated portion that is expected to be uncollectible. The Board has adopted a policy of recognizing water and sewer revenues in the period in which the services are provided. Billings to customers generally consist of revenues earned from the prior three months for quarterly billed customers, and revenues earned from the prior month for monthly billed customers.

The collection of current water and sewer charges is performed by the Board. The City, acting as collecting agent for the Board, collects delinquent water and sewer charges.

- Prepaid Expenses - Prepaid expenses reflect costs applicable to future accounting periods and are recorded as prepaid items in the financial statements.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(d) Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position, Continued

- Capital Assets - Capital assets acquired by the Board as part of the September 25, 2003 acquisition agreement with the City were reported at fair value on the acquisition date. Capital assets acquired by the Board subsequent to the initial acquisition are stated at cost including interest capitalized during construction, where applicable. Costs include material, direct labor and other items such as supervision, payroll taxes, employee benefits, transportation, and certain preliminary legal, engineering and survey costs. The costs of repairs and maintenance are expensed as incurred. Contributed fixed assets are recorded at fair market value at the date received.

Construction projects are conducted on a continuing basis in order to maintain or enhance the systems. Preliminary legal, engineering and survey costs include studies conducted prior to the actual construction period that directly result in specific construction projects. While capital projects are in process, all associated costs are recorded as construction in progress. Once completed, all costs, including legal, engineering, survey and construction costs, are reclassified to their respective asset categories and depreciated according to their useful lives.

Depreciation has been recorded using the straight-line method of depreciation. The estimated useful lives of the Board's major classes of depreciable assets are based on the utility of the respective assets. The estimated useful lives of depreciable fixed assets are as follows:

<u>Assets</u>	<u>Years</u>
Land	N/A
Plant and transmission assets	25 - 50
Machinery and equipment	5 - 20

- Compensated Absences - Board employees are granted vacation and sick leave and earn compensatory absences in varying amounts. In the event of termination or upon retirement, all union employees are entitled to payment for accumulated vacation and compensatory time limited to amounts defined under their respective collectively bargained agreements. All non-union employees are entitled to similar benefits as defined by their respective contracts with the Board.

Payments of vacation and sick leave and compensatory time are dependent upon many factors; therefore, the timing of future payments is not readily determinable. However, management believes that sufficient resources will be available for the payments of vacation leave and compensatory time when such payments become due.

- During the year ended December 31, 2018, the Board adopted provisions of GASB Statement No. 75 - "Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions." The primary objective of this Statement is to improve accounting and financial reporting by state and local governments for postemployment benefits other than pensions (other postemployment benefits or OPEB). See note 7 and note 14 of the financial statements for the impact of the implementation on the financial statements.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(d) Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position, Continued

In addition to providing pension benefits, the Board provides postemployment health insurance coverage and survivor benefits to retired employees and their survivors in accordance with the provisions of various employment contracts in effect at the time of retirement. Substantially all of the Board's employees may become eligible for these benefits if they reach normal retirement age while working for the Board. Health care benefits are provided through the Board's self-insurance plan. The Board pays 100% of the cost for retiree's health care insurance, excluding co-pays which are the sole responsibility of the retirees. Survivor beneficiaries reimburse the Board monthly for 100% of the calculated premiums. The Board recognizes the cost of providing health insurance by recording its share of insurance premiums as an expenditure.

- Bond and Note Discounts/Premiums - Discounts and premiums are presented as components of bonds or notes payable. The discounts/premiums are amortized over the life of the bonds and notes on a straight-line interest method.
- Long-term Obligations - Long-term debt obligations are reported as liabilities in the accompanying statements of net position.
- Pension Plan - The Board provides retirement benefits for substantially all of its regular, full-time employees through contributions to the New York State Employees' and Local Employees' Retirement System (ERS). The ERS provides various plans and options, some of which require employee contributions, as described in note 8.
- Deferred Outflows of Resources and Deferred Inflows of Resources - Deferred outflows of resources represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Board has two items that qualify for reporting in this category. The first item is related to pensions and represents the effect of the net change in the Board's proportion of the collective net pension liability and difference during the measurement period between the Board's contributions and its proportionate share of total contributions to the pension system not included in pension expense. The second item is the Board contributions to the pension systems subsequent to the measurement date.

Deferred inflows of resources represents an acquisition of net position that applies to future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Board has two items that qualify for reporting in this category. The first is related to pensions and represents the effect of the net change in the Board's proportion of the collective net pension liability and difference during the measurement periods between the Board's contributions and its proportion share of total contributions to the pension systems not included in the pension expense. The second item is the deferred gain the Board incurred on its debt refunding transaction.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(1) Summary of Significant Accounting Policies, Continued

(e) Use of Estimates

The preparation of the financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

(f) Income Taxes

The Board is a public benefit corporation of the State of New York. As such, income earned in the exercise of its essential government functions is exempt from State and Federal income taxes.

(g) Subsequent Events

The Board has evaluated subsequent events through the date of the report which is the date the financial statements were available to be issued.

The Board of Directors has authorized the Authority to issue bonds in the amounts of \$3,500,000 and \$2,495,000 at its January 27, 2020 meeting. As of the day of this report these bonds were not issued.

GASB issued Statement No. 95 - "Postponement of the Effective Dates of Certain Authoritative Guidance". This Statement, issued in May 2020, has the primary objective of providing temporary relief to governments and other stakeholders in light of the COVID-19 pandemic. That objective is accomplished by postponing the effective dates of certain provisions in Statements and Implementation Guides that first became effective or are scheduled to become effective for periods beginning after June 15, 2018, and later. Earlier application of the provisions addressed in this Statement is encouraged and is permitted to the extent specified in each pronouncement as originally issued. Disclosures in note 13 have been updated accordingly.

The United States is presently in the midst of a national health emergency related to the COVID-19 virus. The overall consequences of the COVID-19 virus on a national, regional and local level are unknown, but has the potential to result in a significant economic impact. The impact of this situation on the Board and its future results and financial position is not presently determinable.

(h) Reclassifications

Reclassifications have been made to certain 2018 balances in order to conform them to the 2019 presentation.

(2) Cash and Equivalents and Investments

The Board's investment policies are governed by State statute. Board monies must be deposited in Federal Deposit Insurance Corporation (FDIC) insured commercial banks or trust companies located within the State. The Board is authorized to use demand accounts and certificates of deposit. Permissible investments include obligations of the U.S. Treasury and U.S. agencies, repurchase agreements, and obligations of the State or its localities.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(2) Cash and Equivalents and Investments, Continued

Collateral is required for demand deposits and certificates of deposit in an amount equal to or greater than the amount of all deposits not covered by FDIC insurance coverage. Obligations that may be pledged as collateral are outlined in Chapter 623 of the laws of the State.

The Board's cash and equivalents at December 31, 2019 and 2018 include the following captions on the statements of net position:

	<u>2019</u>	<u>2018</u>
Cash and equivalents	\$ 24,190,490	21,391,578
Restricted cash and investments:		
Capital projects	6,786,581	12,672,427
Debt service fund	5,754,527	4,795,231
Debt service reserve fund	8,389,738	9,182,488
Operating and maintenance	<u>5,228,792</u>	<u>5,228,792</u>
Total	\$ <u>50,350,128</u>	<u>53,270,516</u>

Cash and equivalents are comprised of the following:

	<u>2019</u>	<u>2018</u>
Petty cash (uncollateralized)	\$ 100	100
Deposits	22,357,347	25,248,079
Investments	<u>27,992,681</u>	<u>28,022,337</u>
Total	\$ <u>50,350,128</u>	<u>53,270,516</u>

Custodial Credit Risk - Deposits - In the case of deposits, this is the risk that, in the event of a bank failure, the Board's deposits may not be returned to it. As noted above, by State statute, all deposits in excess of FDIC insurance coverage must be collateralized. As of December 31, 2019 and 2018, all uninsured bank deposits were fully collateralized with securities held by the pledging financial institution's trust department or agent in the Board's name.

Custodial Credit Risk - Investments - For investments, this is the risk that, in the event of the failure of the counterparty, the Board will not be able to recover the value of its investments that are in the possession of an outside party. At December 31, 2019 and 2018, all of the Board's restricted cash in the form of investments was registered in the Board's name and was invested in U.S. Government backed securities.

The Board's investments at December 31, 2019, consist of the following:

<u>Investments</u>	<u>Maturity</u>	<u>Fair Value</u>
U.S. Treasuries	1/31/20 - 11/01/41	\$ 11,682,968
Federal Home Mortgage Corp.	1/14/20 - 11/17/20	12,297,445
Certificates of deposit	1/24/20 - 12/02/20	<u>4,012,268</u>
Total investments		\$ <u>27,992,681</u>

These investments are classified as Level 1.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(2) Cash and Equivalents and Investments, Continued

Maturity Schedule

Less than one year	\$ 27,090,301
More than one year	<u>902,380</u>
	<u>\$ 27,992,681</u>

The Board's investments at December 31, 2018, consist of the following:

<u>Investments</u>	<u>Maturity</u>	<u>Fair Value</u>
U.S. Treasuries Notes	1/31/19 - 11/1/41	\$ 11,603,121
Federal Home Mortgage Corp.	1/14/19 - 5/28/20	12,931,227
Certificates of Deposit	4/30/18 - 12/2/20	<u>3,487,989</u>
Total investments		<u>\$ 28,022,337</u>

These investments are classified as Level 1.

Maturity Schedule

Less than one year	\$ 18,908,759
More than one year	<u>9,113,578</u>
	<u>\$ 28,022,337</u>

Concentration Credit Risk - For investments, this is the risk of loss attributable to the quantity of the government's investment in a single issuer. Investments in single issuers that equal or exceed 5% of total investments have a reportable concentration of credit risk. At December 31, 2019, the Board held 44%, 42% and 14% of its investment balance in Federal Home Mortgage Corp., U.S. Treasury Notes, and Certificates of Deposit, respectively.

(3) Receivables

Major revenues accrued by the Board at December 31, 2019 and 2018 include the following:

(a) Accounts Receivable

Accounts receivable primarily represents amounts due from customers for current and delinquent water and wastewater services provided, including penalties, unpaid bill charges, collection fees and shut-off charges.

Customers are billed either on a monthly or quarterly basis depending on the type of user (industrial or residential), and the level of water and sewer usage. Customers may make payments without penalty on current charges up until 20 days after receiving their bill. Any unpaid balances remaining after these 20 days are subject to a penalty of 6%, and those customers receive an unpaid bill notice. If balances still remain unpaid after 30 additional days, final unpaid notices are mailed. The customers are then given 10 days to remit payment, after which the property is tagged, and shut-off procedures begin.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(3) Receivables, Continued

(a) Accounts Receivable, Continued

During the first week of December of every year, unpaid balances are transferred to the City tax roll for collections through the subsequent year's tax levy or in-rem property sales. Any amounts relating to unpaid water and wastewater balances collected by the City through these means are delivered to the Board.

As of December 31, 2019, \$1,265,283 was included in allowance for uncollectible accounts to account for receivable balances that may not be collected. As of December 31, 2018, \$1,307,973 was included in allowance for uncollectible accounts to account for receivable balances that may not be collected.

(b) Due from Other Governments

Due from other governments represents amounts due from the City for the tax transfer. Amounts accrued at December 31, 2019 and 2018 consist of \$1,184,940 and \$1,250,223, respectively.

The tax transfer represents uncollected water and sewer charges that have been turned over to the City for collection in conjunction with the City's property tax levy. The City remits these charges to the Board each January and July for collections it receives for the previous six-month period. This amount includes collected but not yet remitted charges at year-end. Charges from all previous years' water and sewer operations transferred to the City that are not collected totaled \$5,985,527 and \$6,286,360 at December 31, 2019 and 2018, respectively. Management has recorded an allowance for uncollectible accounts with respect to these balances of \$4,800,587 and \$5,036,137 at December 31, 2019 and 2018, respectively.

(4) Capital Assets

The Board's capital asset activity for the years ended December 31, 2019 and 2018 is summarized as follows:

	Balance 1/1/2019	Increases	Decreases	Balance 12/31/2019
Capital assets, not being depreciated:				
Land	\$ 463,713	-	-	463,713
Construction in progress	<u>3,184,153</u>	<u>5,444,472</u>	<u>(4,633,505)</u>	<u>3,995,120</u>
Total capital assets not being depreciated	<u>3,647,866</u>	<u>5,444,472</u>	<u>(4,633,505)</u>	<u>4,458,833</u>
Capital assets, being depreciated:				
Plant and transmission costs:				
Water system	89,712,842	979,489	-	90,692,331
Wastewater system	89,979,411	4,087,403	-	94,066,814
Machinery and equipment	<u>10,079,046</u>	<u>1,756,606</u>	<u>(127,258)</u>	<u>11,708,394</u>
Total capital assets being depreciated	<u>189,771,299</u>	<u>6,823,498</u>	<u>(127,258)</u>	<u>196,467,539</u>

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(4) Capital Assets, Continued

	Balance <u>1/1/2019</u>	<u>Increases</u>	<u>Decreases</u>	Balance <u>12/31/2019</u>
Less accumulated depreciation:				
Plant and transmission costs:				
Water system	\$ (42,837,407)	(2,990,989)	-	(45,828,396)
Wastewater system	(25,156,868)	(3,003,891)	-	(28,160,759)
Machinery and equipment	<u>(4,968,166)</u>	<u>(897,092)</u>	<u>127,258</u>	<u>(5,738,000)</u>
Total accumulated depreciation	<u>(72,962,441)</u>	<u>(6,891,972)</u>	<u>127,258</u>	<u>(79,727,155)</u>
Total being depreciated, net	<u>116,808,858</u>	<u>(68,474)</u>	<u>-</u>	<u>116,740,384</u>
Capital assets, net	\$ <u>120,456,724</u>	<u>5,375,998</u>	<u>(4,633,505)</u>	<u>121,199,217</u>
	Balance <u>1/1/2018</u>	<u>Increases</u>	<u>Decreases</u>	Balance <u>12/31/2018</u>
Capital assets, not being depreciated:				
Land	\$ 463,713	-	-	463,713
Construction in progress	<u>6,991,440</u>	<u>7,483,243</u>	<u>(11,290,530)</u>	<u>3,184,153</u>
Total capital assets not being depreciated	<u>7,455,153</u>	<u>7,483,243</u>	<u>(11,290,530)</u>	<u>3,647,866</u>
Capital assets, being depreciated:				
Plant and transmission costs:				
Water system	87,610,212	2,102,630	-	89,712,842
Wastewater system	82,549,377	7,430,034	-	89,979,411
Machinery and equipment	<u>8,321,180</u>	<u>1,757,866</u>	<u>-</u>	<u>10,079,046</u>
Total capital assets being depreciated	<u>178,480,769</u>	<u>11,290,530</u>	<u>-</u>	<u>189,771,299</u>
Less accumulated depreciation:				
Plant and transmission costs:				
Water system	(39,897,793)	(2,939,614)	-	(42,837,407)
Wastewater system	(22,375,407)	(2,781,461)	-	(25,156,868)
Machinery and equipment	<u>(4,236,739)</u>	<u>(731,427)</u>	<u>-</u>	<u>(4,968,166)</u>
Total accumulated depreciation	<u>(66,509,939)</u>	<u>(6,452,502)</u>	<u>-</u>	<u>(72,962,441)</u>
Total being depreciated, net	<u>111,970,830</u>	<u>4,838,028</u>	<u>-</u>	<u>116,808,858</u>
Capital assets, net	\$ <u>119,425,983</u>	<u>12,321,271</u>	<u>(11,290,530)</u>	<u>120,456,724</u>

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(5) Indebtedness

The Authority issues debt to provide for the acquisition of the water and sewer systems and for the initial funding of operating and maintenance and debt reserves.

The proceeds of Series 2012B amounted to \$6,607,122 - Clean Water issue were used to payoff the EFC Note used to fund North Gorge Interceptor Capacity Restoration Project.

In 2013, the Board issued \$74,240,000 in general obligation bonds with an average interest rate of 4.72% and received an additional premium of \$142,002. The bonds were used for an advanced refunding of \$63,535,000 of 2003 Bonds with an average interest rate of 3.79%. The net proceeds of approximately \$64 million were deposited in a trust with an agent to provide for future debt service payments on the bonds. As a result, the bonds are considered defeased and the liability for those bonds has been removed from the Board's financial statements. The economic gain on the transaction (the difference between the present values of the debt service payments on the old and new debt) is approximately \$1.7 million.

During 2014 net proceeds of the Series B bonds were used to entirely refund the Series 2004 Serial Bonds of \$4,095,000, specifically reducing the interest to be paid by approximately \$610,000.

During 2015, net proceeds of the Series D bonds were used to entirely refund the Series 2005A&B Serial Bonds of \$4,380,000 specifically reducing the interest to be paid by approximately \$550,000. As a result, the bonds are considered defeased and the liability for these bonds has been removed from the Board's financial statements. The economic gain on the transaction (the difference between the present values of the debt service payments on the old and new debt) is approximately \$450,000.

During 2016, net proceeds of the Series A bonds were used to entirely refund the Series 2005 bonds of \$23,115,000 specifically reducing the interest to be paid by approximately \$4,100,000. As a result, the bonds are considered defeased and the liability for these bonds has been removed from the Board financial statements. The economic gain on the transaction (the difference between the present values of the debt service payments on the old and new debt) is approximately \$4.1 million. The accounting gain on this refunding was originally \$1,097,923 which will be amortized through 2034. The unamortized gain on refunding amounted to \$909,853 and \$970,849 at December 31, 2019 and 2018, respectively

During 2019, the Board received proceeds of \$2,189,993 from the New York State Power Authority for the Energy Efficiency Program at an interest rate of 2.79%.

Indebtedness activity for the year ended December 31, 2019 is presented on the following page:

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(5) Indebtedness, Continued

Indebtedness Activity:

	<u>Year of Issue</u>	<u>Year of Maturity</u>	<u>Interest Rate %</u>	<u>Original Amount</u>	<u>Principal Outstanding 1/1/2019</u>	<u>Issued</u>	<u>Paid</u>	<u>Principal Outstanding 12/31/2019</u>
Niagara Falls Public Water Authority Bonds:								
Series 2013A Bonds	2013	2034	3.0 - 5.0	\$ 36,060,000	34,890,000	-	315,000	34,575,000
Series 2013B Bonds	2013	2024	4.309	8,415,000	4,635,000	-	720,000	3,915,000
Series 2016A Bonds	2016	2034	3.13 - 5.0	20,130,000	20,130,000	-	-	20,130,000
New York State Environmental Facilities Corporation Water Revolving Funds Revenue Bonds:								
Series 2012B - Clean Water	2012	2041	0.26 - 4.27	6,607,122	5,375,000	-	175,000	5,200,000
Series 2013B - Clean Water	2013	2033	3.88 - 5.05	14,030,000	11,290,000	-	595,000	10,695,000
Series 2013B - Drinking Water	2013	2023	4.75 - 4.91	5,580,000	5,580,000	-	-	5,580,000
Series 2013B - Drinking Water	2013	2019	5.14 - 5.59	6,770,000	1,000,000	-	1,000,000	-
Series 2013B - Drinking Water	2013	2019	5.14 - 5.59	3,385,000	500,000	-	500,000	-
Series 2014B - Drinking Water	2014	2021	5.40	4,095,000	3,885,000	-	175,000	3,710,000
Series 2015D - Drinking Water	2015	2034	3.81 - 4.57	4,380,000	4,095,000	-	575,000	3,520,000
New York State Power Authority:								
Series 2019 Mortgage Loan	2019	2028	2.79	2,189,993	-	2,189,993	214,607	1,975,386
Totals				<u>\$ 111,642,115</u>	<u>91,380,000</u>	<u>2,189,993</u>	<u>4,269,607</u>	<u>89,300,386</u>
Reconciliation to statements of net position:								
Principal outstanding					\$ 91,380,000			89,300,386
Unamortized premium on bonds					2,065,249			1,935,495
					<u>\$ 93,445,249</u>			<u>91,235,881</u>
Current portion of bonds payable					4,055,000			4,316,194
Noncurrent portion of bonds payable					89,390,249			86,919,687
					<u>\$ 93,445,249</u>			<u>91,235,881</u>

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(5) Indebtedness, Continued

The annual maturities of long-term debt as of December 31, 2019 are as follows:

<u>Year</u>	<u>Premium on bonds</u>	<u>Principal</u>	<u>Total</u>
2020	\$ 129,754	4,316,194	4,445,948
2021	129,754	4,483,018	4,612,772
2022	129,754	4,638,755	4,768,509
2023	129,754	4,789,654	4,919,408
2024	129,754	5,200,720	5,330,474
2025-2029	648,770	29,302,045	29,950,815
2030-2034	637,955	34,355,000	34,992,955
2035-2039	-	1,225,000	1,225,000
2040-2041	-	990,000	990,000
	<u>\$ 1,935,495</u>	<u>89,300,386</u>	<u>91,235,881</u>

Annual interest payments due on long-term debt as of December 31, 2019 are as follows:

2020	\$ 3,277,140
2021	2,789,012
2022	2,981,376
2023	2,563,826
2024	2,765,462
2025-2029	10,293,933
2030-2034	4,184,452
2035-2039	256,118
2040-2041	<u>60,862</u>
Total	\$ <u>29,172,181</u>

Financing Agreement Covenants

The financing agreement between the Authority and the Board relating to all current and future bonding contain various covenants pertaining to the use and maintenance of the trust funds established from the proceeds of each bonding. At December 31, 2019, management believes the Board was in compliance with the following loan covenants:

The Board is required to establish and collect rates, fees and charges sufficient in each fiscal year at least equal to the sum of:

- (1) 115% of the estimated aggregate debt service and projected debt service payable in such fiscal year;
- (2) 100% of Board operating expenses and Authority expenses payable in such fiscal year;
and
- (3) 100% of the amount necessary to pay the required deposits for such fiscal year.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(5) Indebtedness, Continued

The Board shall review the adequacy of fees, rates and charges at least semi-annually.

The Board shall enforce the payment of any and all amounts owed for the use of the systems.

The Board shall (unless required by law) not furnish or supply, or cause to be furnished or supplied, any product, use or service of the systems, free of charge.

The debt service fund balance, beginning with the first day of each calendar month, shall receive all revenues until the balance in the debt service fund equals the minimum monthly balance. The minimum monthly balance is defined as an amount equal to the sum of the aggregate amounts of debt service that have accrued with respect to all series of bonds, calculating the debt service that has accrued as an amount equal to the sum of:

- (1) The interest on the bonds that has accrued and is unpaid and that will have accrued by the end of the then calendar month; and
- (2) The portion of the next due principal installment for the bonds that would have accrued (as deemed to accrue in the manner interest accrues) by the end of the then calendar month.

Remedies for Default

In the event that the Board shall default in the payment of principal of or interest on any issue of bonds after the same shall become due, whether at maturity or upon call for redemption, and such default shall continue for a period of thirty days, or in the event that the Board shall fail or refuse to comply with the provisions of this title or shall default in any agreement made with the holders of any issue of bonds, the holders of twenty-five percent in aggregate principal amount of the bonds of such issue then outstanding, by instrument or instruments filed in the offices of the clerk of the City, secretary of the Board and the Authority and proved or acknowledged in the same manner as a deed to be recorded, may appoint a trustee to represent the holders of such bonds for the purpose herein provided.

(6) Compensated Absences

As explained in note 1, the Board reports the value of compensated absences as a liability. The annual budgets of the operating funds provide funding for these benefits as they become payable. The payment of compensated absences is dependent on many factors; therefore, the timing of future payments is not readily determinable. The current portion payable is estimated at 5% of the total compensated absences liability. The current portion of the liability amounted to \$36,810 and \$35,471 at December 31, 2019 and 2018, respectively. The long-term portion of the liability amounted to \$699,387 and \$673,940 at December 31, 2019 and 2018, respectively.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(7) Other Postemployment Benefits (OPEB)

(a) Plan Description and Benefits

Plan Description - The Board provides continuation of medical, prescription drug, dental, vision and chiropractic coverage for employees who retire and are at least age 50 and have an age, plus years of service, of at least 70. All retirees and future retirees hired prior to June 1, 2006 have no contribution requirements for both individual and family coverage. All future retirees hired after June 1, 2006 are required to pay 20% of the individual and family premiums. The Board currently pays for postemployment health care benefits on a pay-as-you-go basis. These financial statements assume that pay-as-you-go funding will continue.

The Board provides certain health care benefits for retired employees. Substantially all of the employees may become eligible for these benefits if they reach the normal retirement age and have the required minimum age plus years of service working for the Board. At December 31, 2019 and 2018, the current portion of the postemployment benefits liability was \$2,771,796 and \$2,581,965, respectively. The noncurrent portion of the postemployment benefits liability amounted to \$86,092,262 and \$85,027,095 at December 31, 2019 and 2018, respectively.

(b) Employees covered by benefit terms

At December 31, 2019 and 2018, the following employees were covered by the benefit terms:

Current retirees	97
Active employees	<u>88</u>
	<u>185</u>

(c) Total OPEB Liability

The Board's total OPEB liability of \$88,864,058 and \$87,609,060 was measured as of December 31, 2019 and 2018, respectively, and was determined by an actuarial valuation as of January 1, 2018.

(d) Actuarial Assumptions and Other Inputs

The total OPEB liability in the January 1, 2018 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Salary increases	3.0%
Discount rate	3.8%
Inflation	2.6%
Healthcare cost trend rates	7.0% for 2018, decreasing to an ultimate rate of 5.0% for 2024

Mortality rates were based on the Society of Actuaries Mortality Improvement Scale MP-2018.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(7) Postemployment Benefits, Continued

(e) Changes in the Total OPEB Liability

	<u>2019</u>	<u>2018</u>
Original OPEB liability as of beginning of year	\$ 87,609,060	27,393,994
Cumulative effect of change in accounting principle (required by GASB 75)	<u>-</u>	<u>58,986,686</u>
Total OPEB liability as of beginning of year	87,609,060	86,380,680
Changes for the year:		
Service cost	556,876	540,656
Interest	3,280,087	3,234,085
Benefit payments	<u>(2,581,965)</u>	<u>(2,546,361)</u>
Total changes	<u>1,254,998</u>	<u>1,228,380</u>
Total OPEB liability as of end of year	\$ <u>88,864,058</u>	<u>87,609,060</u>

(f) Sensitivity of the total OPEB liability to changes in the discount rate

The following presents the total OPEB liability of the Board, as well as what the Board's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (2.8%) or 1-percentage-point higher (4.8%) than the current discount rate:

	1% Decrease (2.8%)	Current Discount Rate (3.8%)	1% Increase (4.8%)
Total OPEB liability - 2018	\$ <u>105,269,459</u>	<u>87,609,060</u>	<u>74,388,584</u>

The valuation for December 31, 2019 was performed through update procedures and therefore sensitivity disclosures were not made available.

(g) Sensitivity of the total OPEB liability to changes in the healthcare costs trend rates

The following presents the total OPEB liability of the Board, as well as what the Board's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current discount rate:

	1% Decrease	Current Trend Rate	1% Increase
Total OPEB liability - 2018	\$ <u>72,723,841</u>	<u>87,609,060</u>	<u>107,037,190</u>

The valuation for December 31, 2019 was performed through update procedures and therefore sensitivity disclosures were not made available.

(h) OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended December 31, 2019 and 2018, the Board recognized OPEB expense of \$3,836,963 and \$3,774,741, respectively. At December 31, 2019 and 2018, the Board reported no deferred outflows of resources and no deferred inflows of resources related to OPEB.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(8) Pension Plans

(a) Plan Descriptions and Benefits Provided

Employees' Retirement System (ERS)

The Board participates in the New York State and Local Employees' Retirement System (ERS). This is a cost-sharing multiple-employer retirement system. The System provides retirement benefits as well as death and disability benefits. The net position of the System is held in the New York State Common Retirement Authority (the Authority), which was established to hold all net assets and record changes in plan net position allocated to the System. The Comptroller of the State of New York serves as the trustee of the Board and is the administrative head of the System. System benefits are established under the provision of the New York State Retirement and Social Security Law (RSSL). Once a public employer elects to participate in the System, the election is irrevocable. The New York State Constitution provides that pension membership is a contractual relationship and plan benefits cannot be diminished or impaired. Benefits can be changed for future members only by enactment of a State statute. The Board also participates in the Public Employees; Group Life Insurance Plan (GLIP), which provides death benefits in the form of life insurance. The System is included in the State's financial report as a pension trust fund. That report, including information with regard to benefits provided, may be found at www.osc.state.ny.us/retire/publications/index.php or obtained by writing to the New York State and Local Retirement System, 110 State Street, Albany, New York 12244.

The System is noncontributory except for employees who joined after July 27, 1976, who contribute 3 percent of their salary for the first ten years of membership, and employees who joined on or after January 1, 2010 who generally contribute 3.0 to 3.5 percent of their salary for their entire length of service. In addition, employee contribution rates under ERS tier VI vary based on a sliding salary scale. The Comptroller annually certifies the actuarially determined rates expressly used in computing the employers' contributions based on salaries paid during the Systems fiscal year ending March 31.

(b) Pension Liability, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At December 31, 2019 and 2018, the Board reported the following liability for its proportionate share of the net pension liability for ERS. The net pension liability was measured as of March 31, 2019 and 2018. The total pension liability used to calculate the net pension liability was determined by an actuarial valuation. The Board's proportionate share of the net pension liability was based on a projection of the Board's long-term share of contributions to the System relative to the projected contributions of all participating members, actuarially determined. This information was provided by ERS in reports provided to the Board. At December 31, 2019, the Board's proportion was 0.0160886%, which was an increase of 0.0013677 from its proportion measured as of March 31, 2018. At December 31, 2018, the Board's proportion was 0.0147209%, which was an increase of 0.0009733 from its proportion measured as of March 31, 2017.

Measurement date	3/31/2019	3/31/2018
Board's proportionate share of the net pension liability	\$1,139,930	475,108
Board's proportion of the Plan's net pension liability	0.0160886%	0.0147209%

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(8) Pension Plans, Continued

(b) Pension Liability, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions, Continued

For the year ended December 31, 2019 and 2018, the Board recognized pension expense of \$556,630 and \$662,236 for ERS, respectively. At December 31, 2019 and 2018 the Board's reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>2019</u>		<u>2018</u>	
	<u>Deferred</u>	<u>Deferred</u>	<u>Deferred</u>	<u>Deferred</u>
	<u>Outflows of</u>	<u>Inflows of</u>	<u>Outflows of</u>	<u>Inflows of</u>
	<u>Resources</u>	<u>Resources</u>	<u>Resources</u>	<u>Resources</u>
Differences between expected and actual experience	\$ 224,476	76,521	169,456	140,032
Changes of assumptions	286,532	-	315,036	-
Net difference between projected and actual earnings on pension plan investments	-	292,569	690,057	1,362,104
Changes in proportion and differences between the Board's contributions and proportionate share of contributions	197,658	59,263	229,698	7,729
Board's contributions subsequent to the measurement date	<u>427,317</u>	<u>-</u>	<u>417,473</u>	<u>-</u>
Total	\$ <u>1,135,983</u>	<u>428,353</u>	<u>1,821,720</u>	<u>1,509,865</u>

Board contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the subsequent year. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

<u>Year ending</u>	
2020	\$ 293,675
2021	(173,475)
2022	6,267
2023	153,846

(c) Actuarial Assumptions

The total pension liability as of the measurement date was determined by using an actuarial valuation as noted in the table below, with update procedures used to roll forward the total pension liability to the measurement date. The actuarial valuation used the following actuarial assumptions:

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(8) Pension Plans, Continued

(c) Actuarial Assumptions, Continued

Measurement date	March 31, 2019
Actuarial valuation date	April 1, 2018
Investment rate of return (net of investment expense, including inflation)	7.0%
Salary increases	4.2%
Inflation rate	2.5%
Cost-of-living adjustments	1.3%

Annuitant mortality rates are based on April 1, 2010 - March 31, 2015 System's experience with adjustments for mortality improvements based on Society of Actuaries' Scale MP-2014.

The actuarial assumptions used in the April 1, 2018 valuation are based on the results of an actuarial experience study for the period April 1, 2010 - March 31, 2015.

The long-term rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized below.

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return *</u>
Asset class:		
Domestic equity	36.00%	4.55%
International equity	14.00%	6.35%
Private equity	10.00%	7.50%
Real estate	10.00%	5.55%
Absolute return strategies (1)	2.00%	3.75%
Opportunistic portfolio	3.00%	5.68%
Real assets	3.00%	5.29%
Bonds and mortgages	17.00%	1.31%
Cash	1.00%	(0.25%)
Inflation - indexed bonds	<u>4.00%</u>	1.25%
	<u>100.00%</u>	

*The real rate of return is net of the long-term inflation assumption of 2.5%.

(1) Excludes equity oriented and long-only funds. For investment management purposes, these funds are included in domestic equity and international equity.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(8) Pension Plans, Continued

(e) Sensitivity of the Proportionate Share of the Net Pension Liability to the Discount Rate

The following presents the Board's proportionate share of the net pension liability calculated using the discount rate of 7.0%, as well as what the Board's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower (6.0%) or 1-percentage point higher (8.0%) than the current rate:

	1% Decrease (6.0%)	Current Assumption (7.0%)	1% Increase (8.0%)
Board's proportionate share of the net pension asset (liability)	\$ (4,983,954)	(1,139,930)	2,089,324

(f) Pension Plan Fiduciary Net Position

The components of the current-year net pension liability of all participating employers as of the respective measurement dates, were as follows:

	(Dollars in Millions)	
Measurement date	3/31/2019	3/31/2018
Employers' total pension liability	\$(189,803)	(183,400)
Plan fiduciary net position	<u>182,718</u>	<u>180,173</u>
Employers' net pension liability	\$ <u>(7,085)</u>	<u>(3,227)</u>
Ratio of plan fiduciary net position to the employers' total pension liability	96.27%	98.24%

(g) Contributions to the Pension Plan

Employer contributions are paid annually based on the System's fiscal year which ends on March 31st. Retirement contributions as of December 31, 2019 and 2018 represent the projected employer contribution for the period of April 1, 2019 through March 31, 2020 and April 1, 2018 through March 31, 2019, respectively based on paid ERS wages multiplied by the employer's contribution rate, by tier. This amount has been recorded as deferred outflows of resources in the accompanying financial statements.

(9) Net Position

The Board's financial statements utilize a net position presentation. Net position is categorized as net investment in capital assets, restricted for debt service, restricted for capital projects, restricted for operations and maintenance and unrestricted.

Net Investment in Capital Assets - This category groups all capital assets into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of these assets reduce the balance in this category.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(9) Net Position, Continued

The Board's investment in capital assets, net of related debt is in a surplus position of \$29,053,483 and \$26,040,626 at December 31, 2019 and 2018, respectively. The surplus results from the amortization of the Board's capital debt, as outstanding principal for the majority of Board's serial bonds is not paid until late into the life of the debt while depreciation occurs ratably over the life of the assets.

Restricted Net Position - This category represents external restrictions imposed by creditors, grantors, contributors, or laws and regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation.

Restricted for Capital Projects:

Amounts restricted for capital projects is \$6,786,581 and \$12,672,427 at December 31, 2019 and 2018, respectively. In 2007, the Board received \$19,000,000 from the Power Authority under a "Relicensing Settlement Agreement." The Agreement provided for the creation of a "Niagara Falls Water Board Capital Improvement Fund." These funds are restricted for future use related to capital improvements of the Board including but not limited to any specific project including the Falls Street Tunnel project.

Restricted for Debt Service Fund:

Board restrictions at December 31, 2019 and 2018 of \$5,754,527 and \$4,795,231, respectively, are for debt service.

Restricted for Debt Service Reserve Fund:

Amounts restricted for the debt service reserve fund were \$8,389,738 and \$9,182,488 at December 31, 2019 and 2018, respectively. These funds are controlled by bond trustee. The required minimum balance is the lesser of the maximum future annual debt service requirement or 125% of the average future annual debt service requirements for all outstanding bonds. The required minimum balance was \$6,829,344 and \$6,707,955 at December 31, 2019 and 2018, respectively. This resulted in excess reserves of \$1,560,394 and \$2,474,533 at December 31, 2019 and 2018, respectively.

Restricted for Operations and Maintenance:

Amounts restricted for operations and maintenance were \$5,228,792 at December 2019 and 2018. These reserves may be used to pay the cost of extraordinary repairs to and replacements of the system. Surplus amounts on deposit at the end of the fiscal year may be used for any purpose determined by the Board to be beneficial for the system unless the Authority notifies the Board that it does not concur with such application of surplus and expenditures. The required minimum balance is 1/6th of prior year operating expenses which equates to \$4,868,438 and \$4,869,231 at December 2019 and 2018, respectively. At December 31, 2019 and 2018, there was excess reserves of \$360,354 and \$359,561, respectively.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(9) Net Position, Continued

Unrestricted Net Position - This category represents net position of the Board not restricted for any project or other purpose. Additions of \$3,012,857 to net investment in capital assets and decreases of \$5,719,300 to restricted net position combined with the total loss for the year of \$207,188 decreased the unrestricted net position deficit by \$2,499,255.

(10) Labor Relations

The majority of the Board's employees are represented by various unions under four collective bargaining units agreements, with the balance governed by Board policies. Contracts for all of the bargaining units covered a six year term which expired on December 31, 2010. The Board has started negotiated new contracts with the bargaining units as of June 2017.

(11) Risk Management and Contingent Liabilities

Risk management and contingent liabilities at December 31, 2019 and 2018 are detailed as follows:

(a) Insurance

The Board is exposed to various risks of losses related to torts; theft of, damage to and destruction of assets; injuries to employees; and natural disasters, for which the Board carries commercial insurance. There were no settlements that significantly exceeded insurance coverage for the years ended December 31, 2019 and 2018.

(b) Litigation

The Board is involved in litigation arising in the ordinary course of its operations. The Board believes that its ultimate liability, if any, in connection with these matters will not have a material effect on its financial condition or results of operations.

(12) Significant Events

As a result of alleged discharges from the waste water treatment plant during the Summer of 2017, the New York State Department of Environmental Conservation (NYSDEC) and the Board entered into a Consent Order on December 19, 2017 (R9-20170906-129). This Consent Order required the Board to pay a civil penalty in the amount of \$50,000 and to implement a schedule of enumerated actions over the following fifteen (15) months. The Board is now in the process of implementing these actions under the supervision of the NYSDEC.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(13) Accounting Standards Issued But Not Yet Implemented

GASB Statement No. 87 - “Leases.” This Statement, issued in June 2017, requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. The requirements of this Statement are effective for financial statements for periods beginning after December 15, 2020, which is the fiscal year beginning January 1, 2021 for the Board. Management is in process of evaluating the potential impact due to the implementation of this Statement on the financial statements of the Board.

GASB Statement No. 89 - “Accounting for Interest Cost Incurred before the End of a Construction Period.” This Statement, issued in June 2018, establishes accounting requirements for interest cost incurred before the end of a construction period. Such interest cost includes all interest that previously was accounted for in accordance with the requirements of paragraphs 5-22 of Statement No. 62 - “Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements” which are superseded by this Statement. The requirements of this Statement are effective for reporting periods beginning after December 15, 2020, which is the fiscal year beginning January 1, 2021 for the Board. Management is in the process of evaluating the potential impact due to the implementation of this Statement on the financial statements of the Board.

GASB Statement No. 91 - “Conduit Debt Obligations.” This Statement, issued in May of 2019, requires a single method be used for the reporting of conduit debt obligations. The focus of the Statement is to improve financial reporting by eliminating diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. The requirements of this Statement are effective for reporting periods beginning after December 15, 2021, which is the fiscal year beginning January 1, 2022 for the Board. Management is in the process of evaluating the potential impact of this Statement on the financial statements of the Board.

GASB Statement No. 92 - “Omnibus 2020.” This Statement, issued in January 2020, clarifies implementation of GASB Statements No. 73, 74, 84 and 87, generally effective for fiscal years beginning after June 15, 2021, which is the fiscal year beginning January 1, 2022 of the Board. Management is in the process of evaluating the potential impact of this Statement on the financial statements of the Board.

GASB Statement No. 93 - “Replacement of Interbank Offered Rates.” This Statement, issued in March 2020, addresses the accounting and financial reporting implications that result from the replacement of an interbank offered rate (IBOR) - most notably, the London Interbank Offered Rate (LIBOR), which is expected to cease to exist in its current form at the end of 2021. The requirements of this Statement are effective for reporting periods after December 31, 2022, which is the fiscal year beginning January 1, 2023 of the Board. Management is in the process of evaluating the potential impact due to the implementation of this Statement on the financial statements of the Board.

NIAGARA FALLS WATER BOARD
Notes to Financial Statements, Continued

(13) Accounting Standards Issued But Not Yet Implemented, Continued

GASB Statement No. 94 - "Public-Private and Public-Public Partnerships and Availability Payment Arrangements." This Statement, issued in March 2020, addresses issues related to public-private and public-public partnerships (PPPs). The requirements of this Statement are effective for reporting periods beginning after June 15, 2022, which is the fiscal year beginning January 1, 2023 for the Board. Management is in the process of evaluating the potential impact due to the implementation of this Statement on the financial statements of the Board.

(14) Cumulative Effect of Change in Accounting Principle

For the year ended December 31, 2018, the Board implemented GASB Statement No. 75 - "Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions." The implementation of this Statement resulted in the reporting of the entire actuarial accrued liability for other postemployment benefits. The Board's net position at December 31, 2017 has been restated as follows:

Net position at beginning of year (2018), as previously stated	\$ 55,546,505
GASB Statement No. 75 implementation:	
Beginning total OPEB liability	(86,380,680)
Less: Net other postemployment benefits obligations under GASB Statement No. 45	<u>27,393,994</u>
Net position (deficit) at beginning of year (2018), as restated	\$ <u><u>(3,440,181)</u></u>

NIAGARA FALLS WATER BOARD
 Required Supplementary Information
 Schedule of Changes in the Board's
 Total OPEB Liability and Related Ratios
 December 31, 2019 and 2018

Total OPEB liability	<u>2019</u>	<u>2018</u>
Service cost	\$ 556,876	540,656
Interest	3,280,087	3,234,085
Benefit payments	<u>(2,581,965)</u>	<u>(2,546,361)</u>
Net change in total OPEB liability	1,254,998	1,228,380
Total OPEB liability - beginning	<u>87,609,060</u>	<u>86,380,680</u>
Total OPEB liability- ending	<u>\$ 88,864,058</u>	<u>87,609,060</u>
Covered payroll	\$ 3,900,691	3,900,691
Total OPEB liability as a percentage of covered payroll	2,278.16%	2,245.99%

Notes to schedule:

Changes of assumptions - Changes of assumptions and other inputs reflect the effects of changes in the discount rate each period. The following are the discount rates used in each actuarial valuation:

<u>2019</u>	<u>2018</u>
3.80%	3.80%

This schedule is presented to illustrate the requirement to show information for 10 years. However, information is presented for those years that are available.

NIAGARA FALLS WATER BOARD
Required Supplementary Information
Schedule of Board's Proportionate Share of the Net Pension Liability
December 31, 2019 and 2018

	NYSERS Pension Plan				
	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Board's proportion of the net pension liability	0.0160886%	0.0147209%	0.0137476%	0.0134405%	0.0141606%
Board's proportionate share of the net pension liability	\$1,139,930	475,108	1,291,751	2,157,242	478,381
Board's covered payroll	\$4,917,159	4,374,241	4,719,361	4,397,005	4,082,614
Board's proportionate share of the net pension liability as a percentage of its covered payroll	23.18%	10.86%	27.37%	49.06%	11.72%
Plan fiduciary net position as a percentage of the total pension liability	96.27%	98.29%	94.70%	90.70%	97.95%

* This schedule is presented to illustrate the requirements to show information for 10 years. However, information is presented for those years that are available.

NIAGARA FALLS WATER BOARD
Required Supplementary Information
Schedule of Employer Pension Contributions
December 31, 2019 and 2018

	NYSERS Pension Plan						
	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Contractually required contribution	\$ 566,475	583,405	659,383	646,238	725,071	864,054	900,289
Contributions in relation to the contractually required contribution	<u>566,475</u>	<u>583,405</u>	<u>659,383</u>	<u>646,238</u>	<u>725,071</u>	<u>864,054</u>	<u>900,289</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Board's covered payroll	\$ 4,917,159	4,374,241	4,719,361	4,397,005	4,082,614	4,483,962	4,442,277
Contributions as a percentage of covered payroll	11.52%	13.34%	13.97%	14.70%	17.76%	19.27%	20.27%

* This schedule is presented to illustrate the requirements to show information for 10 years. However, information is presented for those years that are available.

NIAGARA FALLS WATER BOARD
 Other Supplementary Information
 Niagara Falls Water Authority (a Blended Component Unit)
 Statements of Net Position
 December 31, 2019 and 2018

<u>Assets</u>	<u>2019</u>	<u>2018</u>
Current assets - cash and equivalents	\$ 133,829	133,829
Noncurrent assets - due from Water Board	<u>92,406,568</u>	<u>94,676,932</u>
Total assets	<u>92,540,397</u>	<u>94,810,761</u>
<u>Liabilities</u>		
Current liabilities - bonds payable	4,316,194	4,055,000
Noncurrent liabilities - bonds payable	86,919,687	89,390,249
Risk management and contingent liabilities (note 11)	<u> </u>	<u> </u>
Total liabilities	<u>91,235,881</u>	<u>93,445,249</u>
<u>Deferred Inflows of Resources</u>		
Gain on refunding	<u>909,853</u>	<u>970,849</u>
<u>Net Position</u>		
Unrestricted	<u>\$ 394,663</u>	<u>394,663</u>

Schedule 2

NIAGARA FALLS WATER BOARD
Other Supplementary Information
Niagara Falls Water Authority (a Blended Component Unit)
Statements of Revenue, Expenses and Changes in Net Position
Years ended December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
Operating transfers in	\$ 2,891,660	3,246,099
Interest expense	<u>(2,891,660)</u>	<u>(3,196,099)</u>
Change in net position	-	50,000
Net position at beginning of year	<u>394,663</u>	<u>344,663</u>
Net position at end of year	<u><u>\$ 394,663</u></u>	<u><u>394,663</u></u>

**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER
MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

The Board of Directors
Niagara Falls Water Board:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the financial statements of the Niagara Falls Water Board (the Board), as of and for the year ended December 31, 2019, and the related notes to financial statements, which collectively comprise the Board's basic financial statements, and have issued our report thereon dated May 13, 2020.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Board's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, we do not express an opinion on the effectiveness of the Board's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Board's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Board's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that is required to be reported under Government Auditing Standards.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Board's internal control or on compliance. This report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Board's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

EFPR Group, CPAs, PLLC

Williamsville, New York
May 13, 2020

NIAGARA FALLS WATER BOARD
Status of Prior Year Audit Findings
Year ended December 31, 2019

(2018-001) PARIS Filing

Condition - The Board did not file the independent audit report within 90 days after the end of the fiscal year ended December 31, 2018 via the Public Authorities information System (PARIS).

Cause - The auditors could not complete their work within the required timeframe because the Board was unable to obtain all information necessary for capital assets and other postemployment benefit liability timely enough to allow filing by the statutory filing deadline.

Status - The PARIS filing deadline was not met for the year ended December 31, 2018 due to the timeliness of capital assets accounting and other postemployment benefit liability were not completed to allow the independent auditors to complete their work. The PARIS filing deadline was extended for the year ended December 31, 2019 by Executive Order No. 202.11 by New York State Governor Andrew Cuomo due to circumstances related to COVID-19. This finding is considered resolved.

NIAGARA FALLS WATER BOARD
ANNUAL INVESTMENT REPORT
December 31, 2019

**INDEPENDENT ACCOUNTANTS' REPORT ON COMPLIANCE WITH
SECTION 201.3 OF TITLE TWO OF THE OFFICIAL COMPILATION OF
CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK**

The Board of Directors
Niagara Falls Water Board

We have examined Niagara Falls Water Board's (the Board) compliance with the requirements of Section 201.3 of Title Two of the Official Compilation of Codes, Rules and Regulations of the State of New York (Section 201.3) during the year ended December 31, 2019. Management is responsible for the Board's compliance with those requirements. Our responsibility is to express an opinion on the Board's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and standards applicable to attestation engagements contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether the Board complied, in all material respects, with the specified requirements referenced above. An examination involves performing procedures to obtain evidence about whether the Board complied with the specified requirements referenced above. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material noncompliance, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion. Our examination does not provide a legal determination on the Board's compliance with Section 201.3.

In our opinion, the Board complied, in all material respects, with the requirements of Section 201.3 for the year ended December 31, 2019.

In accordance with Government Auditing Standards, we have issued our report dated May 13, 2020, in which we are required to report all deficiencies that are considered to be significant deficiencies or material weaknesses in internal control; fraud and noncompliance with provisions of laws and regulations that have a material effect on the Board's compliance with Section 201.3 and any other instances that warrant the attention of those charged with governance; noncompliance with provisions of contracts or grant agreements, and abuse that has a material effect on the subject matter. We are also required to obtain and report the views of responsible officials concerning the findings, conclusions, and recommendations, as well as any planned corrective actions. We performed our

examination to express an opinion on whether the Board complied with the aforementioned requirements and not for the purpose of expressing an opinion on the effectiveness of internal control over compliance with those requirements or other matters; accordingly, we express no such opinions. The results of our tests disclosed no matters that are required to be reported under Government Auditing Standards.

This report is intended solely for the information and use of the Board's management, the Governing Board, the New York State Office of the State Comptroller, and the New York State Authority Budget Office and is not intended and should not be used by anyone other than those specified parties.

EFPR Group, CPAs, PLLC

Williamsville, New York
May 13, 2020

NIAGARA FALLS WATER BOARD

Annual Investment Report

December 31, 2019

The following represents the annual investment report as required by Section 2925 of Public Authorities Law:

Permitted Investments

Pursuant to GML Section 11, the Board is authorized to invest moneys not required for immediate expenditures for terms not to exceed its projected cash flow needs in the following type of investments:

- Obligations of the United States of America;
- Obligations guaranteed by agencies of the United States of America where payment of principal and interest are guaranteed by the United States of America;
- Obligations of the State of New York;
- Special time deposit accounts;
- Certificates of deposits;
- Obligations of public authorities, public housing authorities, urban renewal agencies and industrial development agencies where the general State statutes governing such entities or whose specific enabling legislation authorizes such investments;
- Obligations issued pursuant to Local Finance Law Section 24.00 or 25.00 (with approval of State Comptroller) by any municipality, school district or district corporation other than City of Niagara Falls; and
- Eligible Investments, as defined in the Indenture between Board, Manufacturers and Traders Trust Company and Bank on Buffalo, as Trustees as amended from time to time.

Amendments Made to Investment Guidelines

None

Safeguards

Investments are held subject to an indenture between the Board, Manufacturers and Traders Trust Company and Bank on Buffalo, as Trustees.

Eligible securities used for collateralizing deposits shall be held by a third party bank, trust company or trust department of the bank subject to security and custodial agreements at the discretion of the Board.

The security and custodial agreements shall provide that securities held by the bank or trust company or agent of and the custodian for, the Board, will be kept separate and apart from the general assets of the custodial bank trust company.

NIAGARA FALLS WATER BOARD
Annual Investment Report, Continued

The security and custodial agreement shall provide that eligible securities are being pledged to secure the Board deposits and investments together with agreed upon interest, if any, and any costs or expenses arising out of the collection of such deposits upon default.

Authorized Financial Institutions and Dealers

The Board shall maintain a list of financial institutions and dealers, approved for investment purposes and establish appropriate limits to the amount of investments which can be made with each financial institution or dealer. All financial institutions with which the local government conducts business must be credit worthy. Banks shall provide their most recent Consolidated Report of Condition at the request of the Board. Security dealers not affiliated with a bank shall be required to be classified as reporting dealers affiliated with New York Federal Reserve Bank, as primary dealers. The Executive Director or Chairman is responsible for evaluating the financial position and maintaining a listing of proposed depositories, trading partners and custodians. Such listing shall be evaluated at least annually.

Provisions for Reporting on Investments

The Board retains an independent accountant to provide an examination report of all investment practices on an annual basis.

Income and Fees Related to Investment Services

The Board earned interest income and paid fees related to investment services of \$1,163,341 and \$72,890, respectively, for the year ended December 31, 2019.

Investments

The Board's investments at December 31, 2019, consist of the following:

<u>Investments</u>	<u>Maturity</u>	<u>Fair Value</u>
U.S. Treasuries	1/31/20 - 11/01/41	\$ 11,682,968
Federal Home Mortgage Corp.	1/14/20 - 11/17/20	12,297,445
Certificates of deposit	1/24/20 - 12/02/20	<u>4,012,268</u>
Total investments		\$ <u>27,992,681</u>

These investments are classified as Level 1.

Maturity Schedule

Less than one year	\$ 27,090,301
More than one year	<u>902,380</u>
	\$ <u>27,992,681</u>

**INDEPENDENT ACCOUNTANTS' REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED
ON AN EXAMINATION OF THE ANNUAL INVESTMENT REPORT PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

The Board of Directors
Niagara Falls Water Board

We have examined, in accordance with the attestation standards established by the American Institute of Certified Public Accountants and standards applicable to attestation engagements contained in Government Auditing Standards issued by the Comptroller General of the United States, the annual investment report of the Niagara Falls Water Board (the Board), as of and for the year ended December 31, 2019, and have issued our report thereon dated May 13, 2020.

Internal Control Over Financial Reporting

In planning and performing our examination of the annual investment report, we considered the Board's internal control over financial reporting (internal control) to determine the examination procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the annual investment report, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control. Accordingly, we do not express an opinion on the effectiveness of the Board's internal control.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Board's annual investment report is free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of annual investment report amounts. However, providing an opinion on compliance with those provisions was not an objective of our examination, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Board's internal control or on compliance. This report is an integral part of an examination performed in accordance with Government Auditing Standards in considering the Board's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

EFPR Group, CPAs, PLLC

Williamsville, New York
May 13, 2020

FY 2020 NFWB PAYROLL-BASED OVERTIME LOG
(All Departments)

PAYROLL#	PAYROLL RANGE	PAY DATE	TOTAL OT HOURS WORKED	GROSS OT	MONTHLY OT TOTAL	*BUDGETED OT AMOUNT	DIFF	OVER/UNDER	Q1
2020-01	12/15/19 - 12/28/19	1/3/2020	119.5	\$4,002.07					
2020-02	12/29/19 - 01/11/20	1/17/2020	317.5	\$10,668.56					
2020-03	01/12/20 - 01/25/20	1/31/2020	460	\$15,747.57					
					\$30,418.20	\$35,580.00	\$5,161.80	14.50%	
2020-04	01/26/20 - 02/08/20	2/14/2020	200.75	\$6,882.83					
2020-05	02/09/20 - 02/22/20	2/28/2020	254.25	\$8,570.94					
					\$15,453.77	\$35,580.00	\$20,126.23	56.56%	
2020-06	02/23/20 - 03/07/20	3/13/2020	350.5	\$ 11,850.89					
2020-07	03/08/20 - 03/21/20	3/27/2020	265.5	\$ 9,824.42					
					\$21,675.31	\$35,580.00	\$13,904.69	39.08%	37% under
									Q2
2020-08	03/22/20 - 04/04/20	4/10/2020	1,169.75	\$ 38,638.86					
2020-09	04/05/20 - 04/18/20	4/24/2020	716.25	\$ 24,048.10					
					\$62,686.96	\$35,580.00	-\$27,106.96	76.20%	
2020-10	04/19/20 - 05/02/20	5/8/2020	473.25	\$ 15,777.89					
2020-11	05/03/20 - 05/16/20	5/22/2020							
2020-12	05/17/20 - 05/30/20	6/5/2020							
2020-13	05/31/20 - 06/13/20	6/19/2020							
2020-14									TBD
2020-15									
2020-16									
2020-17									
2020-18									
2020-19									
2020-20									
2020-21									
2020-22	*Annual 2020 budgeted OT amount of \$426,960 divided by 12								
2020-23									
2020-24									
2020-25									
2020-26									



FINANCIAL SERVICES DEPARTMENT
BANK ACCOUNT BALANCES (Ending 4/30/2020)

BANK on BUFFALO
TREASURY INVESTMENT RECONCILIATION

MONTH	STARTING VALUE	ENDING VALUE	CHANGE IN VALUE
Jan 2020	21,587,819.76	21,632,403.94	44,584.18
Feb 2020	21,632,403.94	21,678,437.43	46,033.49
Mar 2020	21,678,437.43	21,793,908.42	115,470.99
April 2020	21,793,908.42	21,792,858.07	(1,050.32)
May 2020			
June 2020			
July 2020			
Aug 2020			
Sep 2020			
Oct 2020			
Nov 2020			
Dec 2020			

TOTAL **\$205,038.34**

BANK on BUFFALO
OPERATING ACCOUNTS

ACCOUNT NAME	ACCOUNT NO.	ENDING 1/31/2020	ENDING 2/29/2020	ENDING 3/31/2020
Board Expense	X4873	91,624.82	91,624.82	91,624.82
O & M Reserve	X4881	5,228,792.08	5,228,792.08	5,228,792.08
Depository Account	X4899	3,699,522.63	4,196,124.61	3,788,578.48
Payroll	X4906	108,889.27	101,539.41	105,939.77
Benefits	X4914	11,081.50	14,750.50	12,729.50
Operating Account	X0643	1,269,790.07	1,079,667.25	929,179.14

\$10,409,700.37 **\$10,712,498.67** **\$10,156,843.79**

OPERATING ACCOUNTS

ACCOUNT NAME	ACCOUNT NO.	ENDING 4/30/2020	ENDING 5/31/2020	ENDING 6/30/2020
Board Expense	X4873	91,624.82		
O & M Reserve	X4881	5,228,792.08		
Depository Account	X4899	3,453,033.14		
Payroll	X4906	107,939.77		
Benefits	X4914	8,510.50		
Operating Account	X0643	892,955.82		

\$10,409,700.37



WILMINGTON TRUST (M&T Bank)
Ending Balances

ACCOUNT NAME	1/31/2020	2/29/2020	3/31/2020	4/30/2020
Debt Service Fund X3250	\$4,899,221.89	\$5,582,625.11	\$6,267,413.36	\$7,623,770.03
Debt Service Reserve X3252	\$8,420,058.30	\$8,448,603.48	\$8,478,670.73	\$8,507,489.61
Construction Fund X2722	<u>Opening Value:</u> \$178,481.04 <u>Deposits:</u> \$2,368,303.00 <u>Withdrawals:</u> -\$708,904.12 <u>Interest:</u> \$1,664.59 <u>Ending balance:</u> \$1,839,544.51	<u>Opening Value:</u> \$1,839,544.51 <u>Deposits</u> \$0.00 <u>Withdrawals:</u> -\$647,456.55 <u>Interest:</u> \$1,158.52 <u>Ending balance:</u> \$1,193,246.48	<u>Opening Value:</u> \$1,193,246.48 <u>Deposits</u> \$0.00 <u>Withdrawals:</u> -\$124,287.77 <u>Interest:</u> \$405.98 <u>Ending balance:</u> \$1,069,364.69	<u>Opening Value:</u> \$1,069,364.69 <u>Deposits</u> \$0.00 <u>Withdrawals:</u> -\$173,490.90 <u>Interest:</u> \$895,882.41 <u>Ending balance:</u> \$895,882.41

Niagara Falls Water Board

Accounts Payable Payment Edit Listing

Batch Department / Invoice Department		Bank Account		Check Date		Starting Check Number
8310.0001 Water,Administration		N.F.W.B. Expense Fund		04/08/2020		5063
Selected Invoices	Vendor	Invoice Number	Invoice Description	Invoice Date	Due Date	Invoice Net Amount
8310.0001 Water,Administration						
	966 - Armor Sales and Services Inc	20224/3334	power supply for eurodrive	03/13/2020	03/30/2020	494.53
	375 - Carmeuse Lime & Stone	20133/94053870	BFP Lime	03/17/2020	03/30/2020	3,712.92
	683 - Cataract Safe & Lock Co	20247/125761	keys	03/13/2020	03/30/2020	53.73
	660 - Combined Insurance Co of NY	D20/APRIL2020	APRIL 2020 VISION COVERAGE	04/01/2020	04/03/2020	813.55
	1016 - Core & Main LP	20258/L945926	brass \$3262.90	03/10/2020	03/30/2020	3,262.90
	2135 - DCB Elevator Co Inc	D20/80842	MONTHLY PREVENTATIVE MAINT APRIL 2020	04/01/2020	03/31/2020	630.00
	12626 - Dig Safely New York	D20/20030297	NFWB AFTER HOUR LOCATION REQUEST JAN-MARCH 2020	03/31/2020	04/06/2020	38.00
	797 - Dival Safety Equipment Inc	20231/2735942	O2, LEL, H2S Replacement Sensors for Fixed Gas Detectors	03/17/2020	03/30/2020	585.00
	798 - Dobmeier Janitor Supply Inc	20229/805197	cleaning supplies	03/12/2020	03/30/2020	349.90
	6219 - Duplicating Consultants Inc	D20/275137	FEB 2020 COLOR COPIER	03/13/2020	03/31/2020	280.45
	1116 - Envirodyne Systems Inc	20257/1-9449-1	cyclone parts	03/17/2020	03/30/2020	21,874.85
	863 - Federal Express Corp	d20/695843405	POSTAGE FOR THE LAB TO PACE ANALYTICAL	03/16/2020	03/31/2020	148.44
	12619 - GHD Consulting Services Inc	D20/77429	WWTP TASK ORDER SVCS THRU 1/25/20	02/05/2020	04/06/2020	530.75
	12619 - GHD Consulting Services Inc	D20/77430	TASK ORDER SVCS WWTP SVC THRU 1/25/20	02/05/2020	04/06/2020	10,465.00
	973 - Gui's Lumber & Home Center	20228/280901-4	parts	03/13/2020	03/30/2020	14.97
	9618 - Idexx Laboratories	20157/3061629566	lab supplies	03/13/2020	03/30/2020	229.28
	935 - James S. Barron Consulting Engineers PC	D20/19-1514.12	WEB HOSTING OF LASER SCAN AND MATTERPORT FILES MAY-DEC 2019	12/03/2019	04/06/2020	1,083.36
	889 - JENNIFER SHARE LMT	D20/SHARE3	MASSAGE THERAPY 2/13-3/19/20	03/27/2020	03/31/2020	240.00
	12617 - LAFARGE NORTH AMERICA	20218/712321223+	crushed stone \$8000.00	02/27/2020	03/30/2020	2,007.32
	1137 - LEAF Commercial Capital	D20/10487098	SVC PERIOD 2/22-3/22/20 WTP/WWTP COPIER	03/28/2020	04/03/2020	177.16
	76 - Matrix Imaging Solutions	D20/5481	MARCH 2020 BILL PRINTING & ENVELOPES	03/31/2020	04/06/2020	1,281.76
	8546 - Mckay's	D20/47055	SAFETY SHOES 2020 JOHN KOURY	03/31/2020	03/31/2020	179.99
	270 - Metropolitan Life Insurance Co	D20/APRIL2020	APRIL2020 LIFE INS & AD&D	03/13/2020	03/31/2020	2,231.21
	1216 - Modern Disposal Services Inc	20071/3038741	Sludge Disposal	03/08/2020	03/30/2020	36,632.45
	3749 - Morgan Services Inc	20260/1049560+	uniforms	03/09/2020	03/30/2020	63.23
	3749 - Morgan Services Inc	20260/1054278	uniforms	03/23/2020	03/30/2020	31.63
	452 - National Fuel Gas Distribution Corp	D20/2112031220	GAS SVC AT 8643 GRIFFON AVE 2/11-3/12/20	03/16/2020	03/31/2020	62.49

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Niagara Falls Water Board

Accounts Payable Payment Edit Listing

Batch Department / Invoice Department	Bank Account		Check Date	Starting Check Number
452 - National Fuel Gas Distribution Corp	D20/2122031120	LIFT STATION 2/12-3/11/20	03/16/2020	03/31/2020
452 - National Fuel Gas Distribution Corp	D20/2142031820	LIFT STATION 2/14-3/18/20	02/14/2020	03/31/2020
452 - National Fuel Gas Distribution Corp	D20/21931820	LIFT STATION 2/19-3/18/20	03/20/2020	03/31/2020
11026 - Niagara County - DPW	D20/FEB2020E	DPW ELECTRIC FEB 2020	03/12/2020	03/31/2020
11026 - Niagara County - DPW	D20/FEB2020GAS	FEB 2020 GAS	03/09/2020	03/31/2020
4543 - Niagara Falls Water Board - Water Billing	D20/1STQTRW/S	SLUDGE BLDG 1ST QTR REIMBURSEMENT W/S	04/01/2020	04/03/2020
4543 - Niagara Falls Water Board - Water Billing	D20/1STQTRW/S20	3RD QTR REIMBURSE W/S USAGE 12/3/19-3/3/20	04/01/2020	04/03/2020
1276 - NYSDEC Regulatory Fee	D20/999000044121	ANNUAL HAZARDOUS WASTE REGULATORY FEE 2020	03/21/2020	04/06/2020
990 - Olin Chlor Alkali Corporation	20070/2803551+++	Hypo	03/11/2020	03/30/2020
990 - Olin Chlor Alkali Corporation	20070/2804913++	Hypo	03/14/2020	03/30/2020
990 - Olin Chlor Alkali Corporation	20070/2807000++	Hypo	03/19/2020	03/30/2020
990 - Olin Chlor Alkali Corporation	20070/2807003++	Hypo	02/19/2020	03/30/2020
625 - Pace Analytical Services Inc	20248/207073606	LAP SUPPLIES	03/10/2020	03/30/2020
11079 - Praxair Distribution Inc	20009/95465833	lab supplies	03/12/2020	03/30/2020
11079 - Praxair Distribution Inc	20256/95498497	lab chemicals	03/14/2020	03/30/2020
736 - PUBLIC EMPLOYERS RISK MANAGEMENT ASSOCIATION INC	D20/COV001816	WORKERS COMP INSURANCE INSTALL 10 OF 11 2019-2020	04/01/2020	03/31/2020
13125 - PVS Technologies Inc	20068/267657+	Ferric Chloride	03/12/2020	03/30/2020
234 - Richardson Auto Repair	20197/58632	trailer tire \$85.95	02/19/2020	03/30/2020
987 - RLP Holding Inc, dba Belt Maintenance	20202/39323	bfp conveyor belt	03/09/2020	03/30/2020
737 - RUPPE, BAASE, PFALZGRAF, CUNNINGHAM	D20/213946	PROF SVCS IN RE BECK VS CITY OF NF & NFWB MARCH 2020	03/16/2020	03/31/2020
737 - RUPPE, BAASE, PFALZGRAF, CUNNINGHAM	D20/214471	PROF SVCS IN RE ENVIRONMENTAL MATTERS MARCH 2020	03/16/2020	03/31/2020
1012 - SCHEBELL MARTIN	D20/LOS03192020	SAFETY SHOES 2020	03/19/2020	03/31/2020
2974 - Sherwin Williams	033020	paint and supplies	03/20/2020	03/30/2020
333 - SPECTRUM BUSINESS	D20/MARCH2020	SVC PERIOD 3/18-4/17/20	03/23/2020	04/03/2020
967 - Timothy R. Lockhart	D20/MARCH2020	TRAINING FOR MARCH 2020	03/31/2020	04/03/2020
550 - USALCO ASHTSBULA PLANT LLC	20041/1366828	BLANKET FOR PACL	03/13/2020	03/30/2020
453 - VERIZON	D20/APRIL2020A	MONTHLY SVC 3/16-4/15/20	03/15/2020	03/31/2020
453 - VERIZON	D20/APRIL2020B	PHONE SVC FOR 3/25-4/24/20	03/24/2020	04/03/2020
453 - VERIZON	D20/APRIL2020C	APRIL 2020 SERVICE PERIOD	03/27/2020	04/06/2020
1700 - VWR Scientific	20116/8089490798	lab supplies	03/11/2020	03/30/2020
1700 - VWR Scientific	20117/8089414234	lab chemicals	03/05/2020	03/30/2020
1700 - VWR Scientific	20238/8089520230	LAB SUPPLIES	03/13/2020	03/30/2020
Total Selected Invoices: 59				\$599,288.21

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Niagara Falls Water Board

Accounts Payable Payment Edit Listing

Batch Department / Invoice Department

Bank Account

Check Date

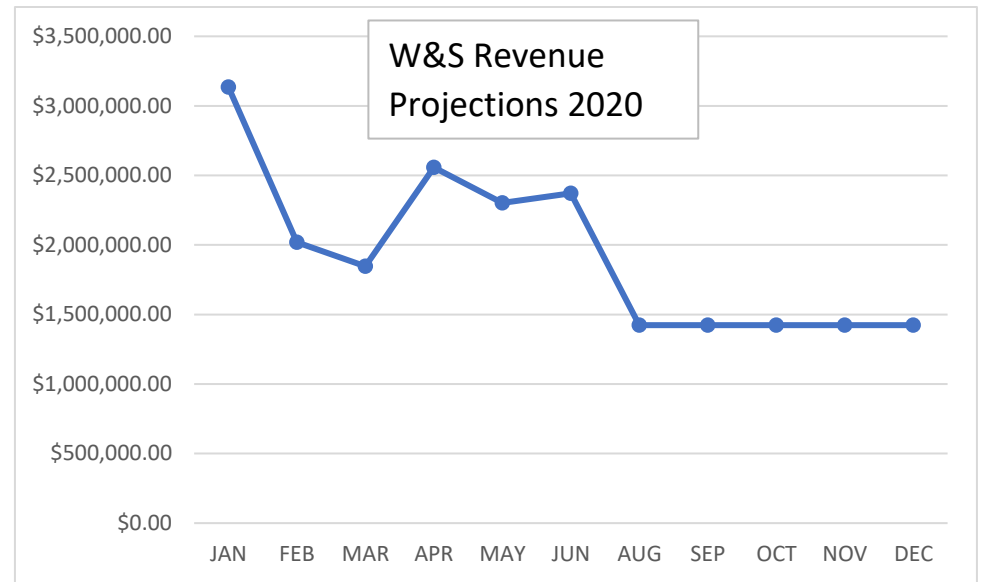
Starting Check Number

User: Majchrowicz, Brian

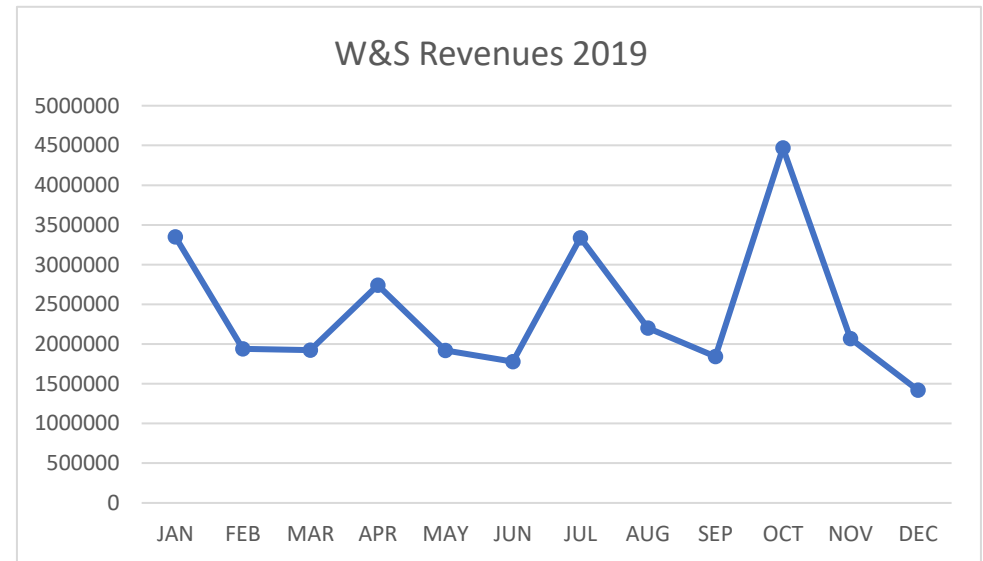
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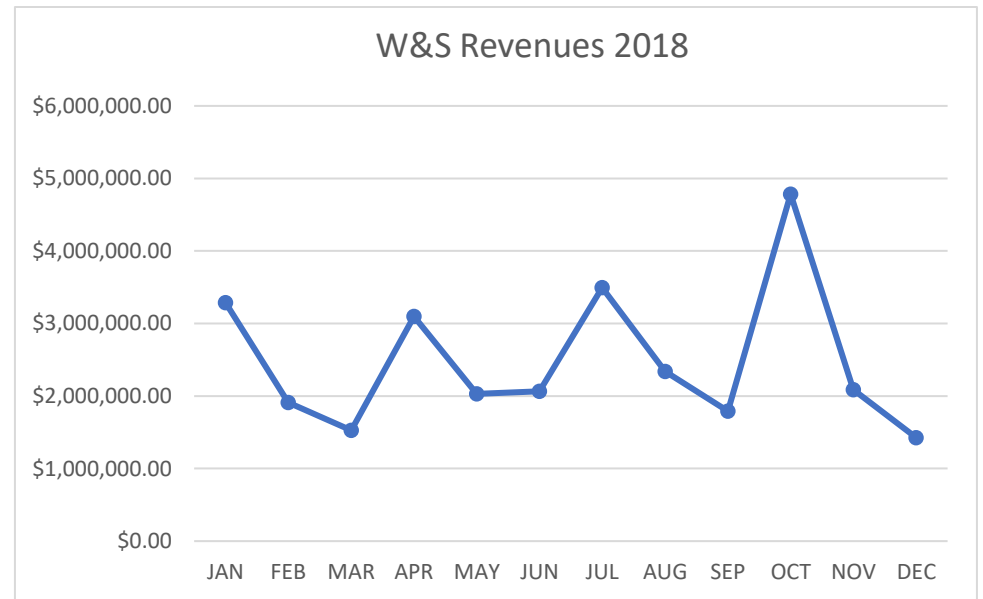
Year	Month	Transactions	Amount
2020	JAN	5441	\$3,135,714.84
2020	FEB	6772	\$2,019,532.03
2020	MAR	4543	\$1,846,754.43
2020	APR	4224	\$2,556,634.70
2020	MAY	TBD	\$2,303,000.00
2020	JUN	TBD	\$2,372,327.20
2020	AUG	TBD	\$1,423,396.12
2020	SEP	TBD	\$1,423,396.12
2020	OCT	TBD	\$1,423,396.12
2020	NOV	TBD	\$1,423,396.12
2020	DEC	TBD	\$1,423,396.12
			\$21,350,943.80



Year	Month	Transactions	W&S Revenue
2019	JAN	4700	\$3,349,122.02
2019	FEB	6744	\$1,941,569.37
2019	MAR	5171	\$1,922,824.77
2019	APR	5201	\$2,740,224.40
2019	MAY	7003	\$1,921,281.18
2019	JUN	5533	\$1,779,253.77
2019	JUL	5473	\$3,337,938.70
2019	AUG	7242	\$2,199,571.77
2019	SEP	5054	\$1,844,055.37
2019	OCT	5524	\$4,468,779.94
2019	NOV	6647	\$2,070,257.86
2019	DEC	3256	\$1,420,849.70
			\$28,995,728.85



Year	Month	Transactions	W&S Revenue
2018	JAN	5960	\$3,288,868.75
2018	FEB	6291	\$1,911,105.32
2018	MAR	4778	\$1,525,766.75
2018	APR	4873	\$3,098,849.57
2018	MAY	7414	\$2,031,771.32
2018	JUN	5102	\$2,066,530.35
2018	JUL	5682	\$3,493,089.67
2018	AUG	7287	\$2,340,656.15
2018	SEP	4981	\$1,791,999.11
2018	OCT	5840	\$4,783,804.56
2018	NOV	6581	\$2,085,620.73
2018	DEC	3429	\$1,426,861.09
			\$29,844,923.37



Large Accounts Report-YTD

Billing Event Date Range 01/01/20 - 05/13/20

Account Number	Name	Address	Amount	Billing Profile
M15800304-001	CONTAINERBOARD PACKAGING #50 , 2511 CASCADES	4001 PACKARD RD #2511 NRP NIAG FALLS, NIAGARA FALLS, NY 14304	3,479,529.17	SIU - Significant Industrial User
M48200604-001	NIACET CORP #17	400 47TH ST, NIAGARA FALLS, NY 14304	645,653.27	SIU - Significant Industrial User
M60400055-001	COVANTA NIAGARA LP #32	100 ENERGY BLVD, NIAGARA FALLS, NY 14304	621,641.85	SIU - Significant Industrial User
M60202858-001	OCCIDENTAL CHEMICAL #22	53RD & STEPHENSON, NIAGARA FALLS, NY 14304	591,673.18	SIU - Significant Industrial User
M51300750-001	OLIN CORP	2747 BUFFALO AVE, NIAGARA FALLS, NY 14303	514,083.08	SIU - Significant Industrial User
M50901309-001	OLIN CORP #23	2400 BUFFALO AVE, NIAGARA FALLS, NY 14303	448,550.23	SIU - Significant Industrial User
I11060547-001	SENECA NF GAMING-HOTEL	310 4TH ST, NIAGARA FALLS, NY 14303	425,498.91	Industrial - Industrial
M30600301-001	TOWN OF NIAGARA - ACI	7105 LOCKPORT RD, NIAGARA FALLS, NY 14305	385,650.89	SIU - Significant Industrial User
I43700222-001	NF WATER BOARD	5815 BUFFALO AVE, NIAGARA FALLS, NY 14304	349,183.34	Industrial - Industrial
M60900407-001	GOODYEAR TIRE & RUBBER COMPANY	56TH & BAKER, NIAGARA FALLS, NY 14304	326,590.19	SIU - Significant Industrial User
M49400263-001	DUREZ CORPORATION #56	4000 PACKARD RD, NIAGARA FALLS, NY 14304	279,406.20	SIU - Significant Industrial User
I11050104-001	SENECA NF GAMING	310 4TH ST, NIAGARA FALLS, NY 14303	251,082.74	Industrial - Industrial
M50300002-001	ALLIED WASTE SYSTEMS #67	5501 PACKARD RD, NIAGARA FALLS, NY 14304	245,759.82	SIU - Significant Industrial User
I16600359-001	NF WATER BOARD	WASTEWATER-FILTER, NIAGARA FALLS, NY 14304	205,263.57	Industrial - Industrial
I41100067-001	NFMMC FACILITIES MGMT	621 10TH ST, NIAGARA FALLS, NY 14301	148,615.65	Industrial - Industrial
M50600456-001	WASHINGTON MILLS #37	1801 BUFFALO AVE, NIAGARA FALLS, NY 14303	137,044.12	SIU - Significant Industrial User
M30600300-002	TAM CERAMICS - SEWER ONLY	4511 HYDE PARK BLVD, NIAGARA FALLS, NY 14305	128,566.95	SIU - Significant Industrial User
M49600056-001	NORTH AMERICAN HOGANAS #59	5950 PACKARD RD, NIAGARA FALLS, NY 14304	99,905.59	SIU - Significant Industrial User
I45930073-001	DELTA SONIC CR WASH	7920 NF BLVD, NIAGARA FALLS, NY 14304	90,461.14	Industrial - Industrial
I11100159-001	NFNY HOTEL MANAGEMENT LLC	300 3RD ST, NIAGARA FALLS, NY 14303	82,621.97	Industrial - Industrial
Large Accounts Grand Totals Accounts 20			\$9,456,781.86	

Large Accounts Report-YTD

Billing Event Date Range 01/01/19 - 05/13/19

Account Number	Name	Address	Amount	Billing Profile
M15800304-001	CONTAINERBOARD PACKAGING #50	4001 PACKARD RD #2511 NRP NIAG FALLS, NIAGARA FALLS, NY 14304	3,246,655.45	SIU - Significant Industrial User
M60400055-001	COVANTA NIAGARA LP #32	100 ENERGY BLVD, NIAGARA FALLS, NY 14304	804,168.52	SIU - Significant Industrial User
M60202858-001	OCCIDENTAL CHEMICAL #22	53RD & STEPHENSON, NIAGARA FALLS, NY 14304	619,114.07	SIU - Significant Industrial User
M50901309-001	OLIN CORP #23	2400 BUFFALO AVE, NIAGARA FALLS, NY 14303	562,326.11	SIU - Significant Industrial User
M51300750-001	OLIN CORP	2747 BUFFALO AVE, NIAGARA FALLS, NY 14303	452,639.38	SIU - Significant Industrial User
I11060547-001	SENECA NF GAMING-HOTEL	310 4TH ST, NIAGARA FALLS, NY 14303	377,561.01	Industrial - Industrial
M48200604-001	NIACET CORP #17	400 47TH ST, NIAGARA FALLS, NY 14304	349,777.18	SIU - Significant Industrial User
M49400263-001	DUREZ CORPORATION #56	4000 PACKARD RD, NIAGARA FALLS, NY 14304	333,142.56	SIU - Significant Industrial User
M30600301-001	TOWN OF NIAGARA - ACI	7105 LOCKPORT RD, NIAGARA FALLS, NY 14305	310,552.96	SIU - Significant Industrial User
M60900407-001	GOODYEAR TIRE & RUBBER COMPANY	56TH & BAKER, NIAGARA FALLS, NY 14304	287,745.54	SIU - Significant Industrial User
I43700222-001	NF WATER BOARD	5815 BUFFALO AVE, NIAGARA FALLS, NY 14304	286,250.92	Industrial - Industrial
I11050104-001	SENECA NF GAMING	310 4TH ST, NIAGARA FALLS, NY 14303	253,111.15	Industrial - Industrial
M50300002-001	ALLIED WASTE SYSTEMS #67	5501 PACKARD RD, NIAGARA FALLS, NY 14304	240,416.16	SIU - Significant Industrial User
I41100067-001	NFMMC FACILITIES MGMT	621 10TH ST, NIAGARA FALLS, NY 14301	159,954.53	Industrial - Industrial
I16600359-001	NF WATER BOARD	WASTEWATER-FILTER, NIAGARA FALLS, NY 14304	151,331.93	Industrial - Industrial
M30600300-002	TAM CERAMICS - SEWER ONLY	4511 HYDE PARK BLVD, NIAGARA FALLS, NY 14305	145,920.67	SIU - Significant Industrial User
M49600056-001	NORTH AMERICAN HOGANAS #59	5950 PACKARD RD, NIAGARA FALLS, NY 14304	110,267.17	SIU - Significant Industrial User
M50600456-001	WASHINGTON MILLS #37	1801 BUFFALO AVE, NIAGARA FALLS, NY 14303	91,656.86	SIU - Significant Industrial User
I45930073-001	DELTA SONIC CR WASH	7920 NF BLVD, NIAGARA FALLS, NY 14304	82,908.23	Industrial - Industrial
I11100159-001	NFNY HOTEL MANAGEMENT LLC	300 3RD ST, NIAGARA FALLS, NY 14303	79,718.60	Industrial - Industrial

Large Accounts Grand Totals Accounts 20 **\$8,945,219.00**

Large Accounts Report-YTD

Billing Event Date Range 01/01/18 - 05/13/18

Account Number	Name	Address	Amount	Billing Profile
M15800304-001	CONTAINERBOARD PACKAGING #50	4001 PACKARD RD #2511 NRP NIAG FALLS, NIAGARA FALLS, NY 14304	3,265,988.89	SIU - Significant Industrial User
M60400055-001	COVANTA NIAGARA LP #32	100 ENERGY BLVD, NIAGARA FALLS, NY 14304	854,003.76	SIU - Significant Industrial User
M50901309-001	OLIN CORP #23	2400 BUFFALO AVE, NIAGARA FALLS, NY 14303	674,442.08	SIU - Significant Industrial User
M60202858-001	OCCIDENTAL CHEMICAL #22	53RD & STEPHENSON, NIAGARA FALLS, NY 14304	575,742.25	SIU - Significant Industrial User
M48200604-001	NIACET CORP #17	400 47TH ST, NIAGARA FALLS, NY 14304	432,934.18	SIU - Significant Industrial User
I11060547-001	SENECA NF GAMING-HOTEL	310 4TH ST, NIAGARA FALLS, NY 14303	422,413.97	Industrial - Industrial
M60900407-001	GOODYEAR TIRE & RUBBER COMPANY	56TH & BAKER, NIAGARA FALLS, NY 14304	325,985.52	SIU - Significant Industrial User
I11050104-001	SENECA NF GAMING	310 4TH ST, NIAGARA FALLS, NY 14303	282,095.25	Industrial - Industrial
M51300750-001	OLIN CORP	2747 BUFFALO AVE, NIAGARA FALLS, NY 14303	252,446.85	SIU - Significant Industrial User
M50300002-001	ALLIED WASTE SYSTEMS #67	5501 PACKARD RD, NIAGARA FALLS, NY 14304	237,913.28	SIU - Significant Industrial User
I41100067-001	NFMMC FACILITIES MGMT	621 10TH ST, NIAGARA FALLS, NY 14301	204,390.97	Industrial - Industrial
M49400263-001	DUREZ CORPORATION #56	4000 PACKARD RD, NIAGARA FALLS, NY 14304	184,048.53	SIU - Significant Industrial User
M50600456-001	WASHINGTON MILLS #37	1801 BUFFALO AVE, NIAGARA FALLS, NY 14303	166,027.64	SIU - Significant Industrial User
I16600359-001	NF WATER BOARD	WASTEWATER-FILTER, NIAGARA FALLS, NY 14304	135,320.72	Industrial - Industrial
M30600301-001	TOWN OF NIAGARA - ACI	7105 LOCKPORT RD, NIAGARA FALLS, NY 14305	128,517.72	SIU - Significant Industrial User
M60301055-001	OCCIDENTAL CHEMICAL CORP #49	HYDE PARK LANDFILL, NIAGARA FALLS, NY 14304	101,979.92	SIU - Significant Industrial User
I11100159-001	NFNY HOTEL MANAGEMENT LLC	300 3RD ST, NIAGARA FALLS, NY 14303	96,112.42	Industrial - Industrial
M49600056-001	NORTH AMERICAN HOGANAS #59	5950 PACKARD RD, NIAGARA FALLS, NY 14304	91,995.48	SIU - Significant Industrial User
I31800604-001	GLOBE METALLURGICAL INC	CANTEEN BLDG, NIAGARA FALLS, NY 14304	85,877.83	Industrial - Industrial
M51260086-001	LTD SOLV CHEM #55 , SHERWOOD FOR	3163 BUFFALO AVE, NIAGARA FALLS, NY 14303	72,765.56	SIU - Significant Industrial User
Large Accounts Grand Totals			Accounts 20	\$8,591,002.82



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund FA - Water Board - Water										
REVENUE										
2122.001	Visual Inspections	33,141.00	.00	33,141.00	1,080.00	.00	12,542.50	20,598.50	38	12,485.00
2140.001	District 1	1,808,699.00	.00	1,808,699.00	751.80	.00	780,152.68	1,028,546.32	43	305,449.35
2140.002	District 2	1,881,159.00	.00	1,881,159.00	449,200.30	.00	911,144.53	970,014.47	48	519,218.68
2140.003	District 3	1,432,426.00	.00	1,432,426.00	177.60	.00	355,637.66	1,076,788.34	25	137,513.80
2140.004	Non-Resident	23,028.00	.00	23,028.00	4,044.37	.00	8,284.52	14,743.48	36	12,824.70
2140.005	Industrial	2,435,455.00	.00	2,435,455.00	.00	.00	1,234,286.57	1,201,168.43	51	311,922.60
2140.006	Industrial SIU	2,283,676.00	.00	2,283,676.00	.00	.00	1,045,202.85	1,238,473.15	46	518,984.79
2140.599	Miscellaneous Departmental Incom	30,000.00	.00	30,000.00	.00	.00	800.00	29,200.00	3	.00
2141.000	Allowance for Unpaid Trfd	(226,685.00)	.00	(226,685.00)	.00	.00	36,694.18	(263,379.18)	-16	64,523.44
2144.003	Fire Service	88,999.00	.00	88,999.00	.00	.00	(45.60)	89,044.60	0	(40.20)
2144.005	Service Charge	462,329.00	.00	462,329.00	32,168.10	.00	201,258.26	261,070.74	44	.00
2144.006	Lab Analysis	35,358.00	.00	35,358.00	1,740.50	.00	14,233.00	21,125.00	40	9,993.57
2144.008	Missing Meter Charge	40,242.00	.00	40,242.00	340.00	.00	8,144.00	32,098.00	20	.00
2144.009	Mtr Install/Reinstall/Reactivate	20,000.00	.00	20,000.00	225.00	.00	2,850.00	17,150.00	14	.00
2144.010	Final Meter Read/Inspect	14,500.00	.00	14,500.00	625.00	.00	5,000.00	9,500.00	34	.00
2144.011	Hydrant Testing	66.00	.00	66.00	.00	.00	.00	66.00	0	.00
2144.012	Backflow Certification	7,500.00	.00	7,500.00	25.00	.00	1,550.00	5,950.00	21	310.00
2144.599	Undesignated Water Charge	62,006.00	.00	62,006.00	.00	.00	15,614.84	46,391.16	25	.00
2148.001	District 1	74,000.00	.00	74,000.00	.00	.00	28,239.14	45,760.86	38	24,603.41
2148.002	District 2	42,300.00	.00	42,300.00	.00	.00	6,532.20	35,767.80	15	8,471.81
2148.003	District 3	57,500.00	.00	57,500.00	.00	.00	10,330.80	47,169.20	18	21,852.35
2148.004	Non-Resident	5,000.00	.00	5,000.00	.00	.00	209.16	4,790.84	4	2,229.17
2148.005	Industrial	7,426.00	.00	7,426.00	.00	.00	18,458.81	(11,032.81)	249	6,919.21
2148.006	Industrial SIU	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	10.65
2230.A	City of Niag Falls-Generl	245,963.00	.00	245,963.00	.00	.00	17,568.57	228,394.43	7	32,683.00
2401.000	Interest Earnings	105,600.00	.00	105,600.00	.00	.00	6,957.91	98,642.09	7	33,157.30
2550.006	Cellular Towers	205,000.00	.00	205,000.00	18,168.01	.00	77,046.35	127,953.65	38	80,793.36
2590.004	Hydrant Permits & Rentals	16,800.00	.00	16,800.00	.00	.00	3,289.43	13,510.57	20	294.86
2650.000	Sale Of Scrap	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0	2,935.77
2665.000	Sale-Equipment	4,000.00	.00	4,000.00	.00	.00	280.00	3,720.00	7	2,635.00
2690.001	Damages to WB Property	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	.00	.00	+++	(11,217.63)
2770.599	Undesignated	4,500.00	.00	4,500.00	.00	.00	79.18	4,420.82	2	131.93
2801.GA	Interfd Rev WtrBd-Sewr	810,000.00	.00	810,000.00	.00	.00	.00	810,000.00	0	.00
5031.GA	Transfer Fr Sewer Divisn.	786,963.00	.00	786,963.00	.00	.00	.00	786,963.00	0	.00
REVENUE TOTALS		\$12,826,951.00	\$0.00	\$12,826,951.00	\$508,545.68	\$0.00	\$4,802,341.54	\$8,024,609.46	37%	\$2,098,685.92
Fund FA - Water Board - Water Totals										
REVENUE TOTALS		12,826,951.00	.00	12,826,951.00	508,545.68	.00	4,802,341.54	8,024,609.46	37%	2,098,685.92



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
EXPENSE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
Fund	FA - Water Board - Water Totals	\$12,826,951.00	\$0.00	\$12,826,951.00	\$508,545.68	\$0.00	\$4,802,341.54	\$8,024,609.46		\$2,098,685.92



Budget Performance Report

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Fund GA - Water Board - Sewer										
REVENUE										
2120.001	District 1	2,294,082.00	.00	2,294,082.00	994.70	.00	1,034,734.14	1,259,347.86	45	353,663.57
2120.002	District 2	2,499,963.00	.00	2,499,963.00	595,736.25	.00	1,206,787.27	1,293,175.73	48	644,279.21
2120.003	District 3	1,901,440.00	.00	1,901,440.00	235.16	.00	472,400.42	1,429,039.58	25	149,317.71
2120.005	Industrial CSIRU	3,876,656.00	.00	3,876,656.00	.00	.00	1,756,174.56	2,120,481.44	45	359,389.62
2120.006	Industrial SIU	8,332,214.00	.00	8,332,214.00	909,923.52	.00	3,380,774.42	4,951,439.58	41	827,572.64
2120.007	Waste Hauler Fees	125,000.00	.00	125,000.00	.00	.00	2,415.01	122,584.99	2	.00
2120.102	Town Of Niagara	792,800.00	.00	792,800.00	.00	.00	385,650.89	407,149.11	49	310,552.96
2122.001	Visual Inspections	.00	.00	.00	.00	.00	120.00	(120.00)	+++	(60.00)
2122.002	Dye Tests	33,141.00	.00	33,141.00	1,080.00	.00	12,422.50	20,718.50	37	12,545.00
2128.001	District 1	70,000.00	.00	70,000.00	.00	.00	37,445.15	32,554.85	53	32,449.10
2128.002	District 2	55,000.00	.00	55,000.00	.00	.00	8,251.90	46,748.10	15	11,069.61
2128.003	District 3	71,125.00	.00	71,125.00	.00	.00	13,578.39	57,546.61	19	28,533.04
2128.005	Industrial	7,500.00	.00	7,500.00	.00	.00	26,568.35	(19,068.35)	354	6,884.30
2128.006	Industrial SIU	13,448.00	.00	13,448.00	.00	.00	2,298.54	11,149.46	17	9,354.32
2141.000	Allowance for Unpaid Trfd	(235,000.00)	.00	(235,000.00)	.00	.00	46,711.86	(281,711.86)	-20	33,159.83
2401.000	Interest Earnings	158,400.00	.00	158,400.00	.00	.00	5,148.94	153,251.06	3	24,536.81
2590.006	SIU 5-Yr Permits	993.00	.00	993.00	.00	.00	1,000.00	(7.00)	101	300.00
2620.000	Forfeitures Of Deposits	596.00	.00	596.00	.00	.00	450.00	146.00	76	450.00
2650.000	Sale Of Scrap	5,000.00	.00	5,000.00	.00	.00	929.39	4,070.61	19	.00
2690.001	Damages to WB Property	5,000.00	.00	5,000.00	.00	.00	131,580.10	(126,580.10)	2632	.00
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	1,520.03	(1,520.03)	+++	(11,822.62)
2770.599	Undesignated	100,000.00	.00	100,000.00	.00	.00	.00	100,000.00	0	56,271.00
5031.FA	Transfer Fr Water Divisn.	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0	.00
REVENUE TOTALS		\$20,187,358.00	\$0.00	\$20,187,358.00	\$1,507,969.63	\$0.00	\$8,526,961.86	\$11,660,396.14	42%	\$2,848,446.10
Fund GA - Water Board - Sewer Totals										
REVENUE TOTALS		20,187,358.00	.00	20,187,358.00	1,507,969.63	.00	8,526,961.86	11,660,396.14	42%	2,848,446.10
EXPENSE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
Fund GA - Water Board - Sewer Totals		\$20,187,358.00	\$0.00	\$20,187,358.00	\$1,507,969.63	\$0.00	\$8,526,961.86	\$11,660,396.14		\$2,848,446.10
Grand Totals										
REVENUE TOTALS		33,014,309.00	.00	33,014,309.00	2,016,515.31	.00	13,329,303.40	19,685,005.60	40%	4,947,132.02
EXPENSE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
Grand Totals		\$33,014,309.00	\$0.00	\$33,014,309.00	\$2,016,515.31	\$0.00	\$13,329,303.40	\$19,685,005.60		\$4,947,132.02



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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund FA - Water Board - Water										
EXPENSE										
0110.000	Biweekly Payroll	2,504,395.00	.00	2,504,395.00	92,527.00	.00	772,306.05	1,732,088.95	31	722,641.59
0111.000	Biweekly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	3,347.82
0125.000	Insurance OPT Out	72,287.00	.00	72,287.00	2,550.79	.00	20,114.50	52,172.50	28	25,082.84
0130.000	Temporary Payroll	38,625.00	.00	38,625.00	570.28	.00	8,372.11	30,252.89	22	18,619.20
0140.000	Overtime	144,450.00	.00	144,450.00	4,076.53	.00	39,875.44	104,574.56	28	32,867.87
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	.00	.00	.00	.00	+++	1,868.73
0151.A	Sunday Contractual Pay	.00	.00	.00	562.33	.00	5,186.32	(5,186.32)	+++	5,594.90
0152.000	Shift Premium Pay	.00	.00	.00	.50	.00	95.96	(95.96)	+++	141.11
0155.A	Holiday Contractual Pay	.00	.00	.00	.00	.00	1,700.44	(1,700.44)	+++	1,996.06
0155.000	Holiday Pay	.00	.00	.00	126.78	.00	23,468.06	(23,468.06)	+++	22,193.77
0165.000	Military Leave	.00	.00	.00	.00	.00	181.98	(181.98)	+++	169.70
0170.000	Overtime Meals	3,900.00	.00	3,900.00	94.50	.00	975.75	2,924.25	25	922.00
0181.000	Vacation Pay	.00	.00	.00	.00	.00	27,382.99	(27,382.99)	+++	54,126.78
0182.000	Personal Time	.00	.00	.00	.00	.00	1,551.39	(1,551.39)	+++	4,169.38
0183.000	Compensatory Time Off	.00	.00	.00	.00	.00	667.36	(667.36)	+++	1,181.43
0184.000	Funeral Leave	.00	.00	.00	.00	.00	707.27	(707.27)	+++	2,368.23
0186.000	Call-In Time	.00	.00	.00	75.60	.00	2,184.93	(2,184.93)	+++	3,640.36
0189.000	Sick Leave	.00	.00	.00	590.34	.00	14,005.70	(14,005.70)	+++	20,167.96
0190.000	Vacation Cash Conversion	2,340.00	.00	2,340.00	.00	.00	.00	2,340.00	0	.00
0210.000	Furniture & Furnishings	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0220.000	Office Equipment	6,000.00	.00	6,000.00	.00	.00	.00	6,000.00	0	.00
0250.000	Other Equipment	28,000.00	.00	28,000.00	.00	.00	.00	28,000.00	0	721.00
0250.007	Computer Equipment	25,000.00	.00	25,000.00	.00	(2,554.53)	1,001.75	26,552.78	-6	14,074.69
0250.500	Safety Equipment	19,180.00	.00	19,180.00	170.00	570.00	1,937.24	16,672.76	13	182.64
0411.000	Office Supplies	19,050.00	.00	19,050.00	52.12	222.65	2,474.57	16,352.78	14	3,005.33
0412.000	Uniforms	1,820.00	1,000.00	2,820.00	.00	902.10	347.90	1,570.00	44	.00
0413.000	Safety Shoes	8,500.00	.00	8,500.00	.00	.00	1,495.32	7,004.68	18	3,958.18
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	.00	.00	70.15	39,929.85	0	6,771.82
0415.000	Fuel Oil	30,000.00	.00	30,000.00	.00	.00	.00	30,000.00	0	.00
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	280.70	419.30	40	63.12
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	.00	150.00	0	.00
0419.001	Automotive Parts	40,000.00	.00	40,000.00	7,925.46	1,614.55	15,275.69	23,109.76	42	6,722.91
0419.003	Cleaning/Sanitary	1,500.00	.00	1,500.00	.00	350.00	817.99	332.01	78	1,185.66
0419.005	Tools & Machine Parts	85,000.00	.00	85,000.00	955.87	16,516.53	15,295.18	53,188.29	37	22,247.86
0419.006	Construction/Repair	174,000.00	.00	174,000.00	1,300.01	11,848.40	38,409.19	123,742.41	29	70,582.50
0419.009	Misc Chemicals	356,000.00	.00	356,000.00	13,306.24	83,722.07	108,754.46	163,523.47	54	89,397.83
0419.010	Laboratory	31,000.00	.00	31,000.00	1,124.42	3,587.32	12,371.55	15,041.13	51	10,267.43
0419.599	Undesignated Supplies	11,050.00	.00	11,050.00	.00	2,149.00	903.00	7,998.00	28	1,890.02
0421.001	Phone Extension Chgs	5,000.00	.00	5,000.00	.00	.00	6,665.48	(1,665.48)	133	1,563.26



Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund FA - Water Board - Water										
EXPENSE										
0421.002	Wireless Services	17,500.00	.00	17,500.00	750.91	.00	3,636.55	13,863.45	21	4,583.17
0422.000	Light & Power	485,000.00	.00	485,000.00	.00	.00	158,271.48	326,728.52	33	149,596.54
0423.000	Water/Sewer	514,000.00	.00	514,000.00	.00	.00	173,321.17	340,678.83	34	143,360.00
0424.000	Gas	20,000.00	.00	20,000.00	.00	.00	7,028.15	12,971.85	35	9,171.76
0432.000	Property Insurance	100,000.00	.00	100,000.00	.00	.00	.00	100,000.00	0	.00
0433.000	Liability Insurance	75,000.00	.00	75,000.00	1,553.50	.00	84,531.90	(9,531.90)	113	1,534.00
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	.00	.00	25,010.74	58,989.26	30	11,815.62
0440.599	Undesignated Leases	2,400.00	.00	2,400.00	85.40	.00	525.84	1,874.16	22	571.65
0441.000	Rental Of Real Property	.00	.00	.00	.00	.00	48.00	(48.00)	+++	24.00
0442.000	Rental Of Equipment	.00	.00	.00	.00	.00	978.95	(978.95)	+++	985.32
0442.003	Motor Vehicle Equip Rentl	6,000.00	.00	6,000.00	.00	.00	1,323.12	4,676.88	22	2,344.85
0442.599	Undesignated Rentals	4,300.00	.00	4,300.00	610.93	1,730.93	790.93	1,778.14	59	509.72
0444.000	Repair Of Equipment	43,200.00	(1,000.00)	42,200.00	175.00	.00	875.00	41,325.00	2	4,499.23
0446.000	Computer Services	2,000.00	.00	2,000.00	.00	.00	1,399.91	600.09	70	1,399.91
0446.007	Software	1,500.00	.00	1,500.00	.00	.00	.00	1,500.00	0	.00
0446.008	Software Maint/Licenses	224,000.00	.00	224,000.00	.00	6,522.00	40,158.34	177,319.66	21	53,900.11
0449.000	Billing & Collection	40,500.00	.00	40,500.00	3,370.43	.00	15,679.22	24,820.78	39	13,481.72
0449.001	Sludge Removal	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0	.00
0449.003	Waste Disposal	11,000.00	.00	11,000.00	.00	427.77	.00	10,572.23	4	.00
0449.500	Safety-Contractual	1,500.00	.00	1,500.00	.00	.00	601.50	898.50	40	851.50
0449.599	Undesignated Services	814,000.00	.00	814,000.00	608.10	3,119.10	707,779.22	103,101.68	87	763,816.11
0451.000	Consultants	72,000.00	.00	72,000.00	.00	7,148.00	2,396.00	62,456.00	13	9,526.00
0454.000	Attorney Services	50,000.00	.00	50,000.00	5,056.17	.00	23,285.18	26,714.82	47	12,752.17
0461.000	Postage	30,000.00	.00	30,000.00	74.60	.00	651.32	29,348.68	2	8,279.84
0463.000	Travel & Training Expense	24,250.00	.00	24,250.00	448.50	.00	4,191.49	20,058.51	17	4,296.65
0463.500	Safety Training	.00	.00	.00	.00	.00	.00	.00	+++	40.00
0464.000	Local Mtng Cost/Mileage	50.00	.00	50.00	.00	.00	.00	50.00	0	.00
0466.000	Books,Mags. & Memberships	6,000.00	.00	6,000.00	.00	.00	.00	6,000.00	0	.00
0467.000	Advertising	500.00	.00	500.00	.00	.00	35.04	464.96	7	168.00
0471.000	Recruitment Expenditures	2,000.00	.00	2,000.00	.00	.00	60.13	1,939.87	3	347.00
0801.000	NYS E.R.S. Retirement	230,500.00	.00	230,500.00	.00	.00	.00	230,500.00	0	46,385.83
0810.000	Social Security	197,213.00	.00	197,213.00	7,552.32	.00	68,823.44	128,389.56	35	69,116.15
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	1,568.86	.00	1,671.55	238,328.45	1	1,726.14
0830.000	Life Insurance	8,215.00	.00	8,215.00	.00	.00	.00	8,215.00	0	3,299.57
0840.000	Unemployment Ins. NYS	8,000.00	.00	8,000.00	.00	.00	6,332.59	1,667.41	79	5,859.11
0860.000	Medical Insurance	1,516,379.00	.00	1,516,379.00	.00	.00	49,332.22	1,467,046.78	3	636,879.86
0861.000	Dental Insurance	55,057.00	.00	55,057.00	.00	.00	.00	55,057.00	0	.00
0863.000	Vision Care Insurance	3,861.00	.00	3,861.00	.00	.00	.00	3,861.00	0	1,489.95
0865.000	Chiropractic Insurance	.00	.00	.00	.00	.00	360.00	(360.00)	+++	1,200.00



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund FA - Water Board - Water										
EXPENSE										
0900.GA	Transfer To Sewer Divisn.	70,000.00	.00	70,000.00	.00	.00	.00	70,000.00	0	.00
0900.FGA	Transfer To Authority Bd	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0	.00
0900.FGB	Transfer To Water Board	70,000.00	.00	70,000.00	.00	.00	.00	70,000.00	0	40,708.16
0900.O&M	Transfer to Capital - Coverage	947,321.00	.00	947,321.00	.00	.00	947,321.20	(.20)	100	.00
0900.VFG	Transfer To Debt Service	2,945,486.00	.00	2,945,486.00	.00	.00	.00	2,945,486.00	0	2,727,626.00
EXPENSE TOTALS		\$12,671,179.00	\$0.00	\$12,671,179.00	\$147,863.49	\$137,875.89	\$3,451,296.60	\$9,082,006.51	28%	\$5,885,879.62
Fund FA - Water Board - Water Totals										
REVENUE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
EXPENSE TOTALS		12,671,179.00	.00	12,671,179.00	147,863.49	137,875.89	3,451,296.60	9,082,006.51	28%	5,885,879.62
Fund FA - Water Board - Water Totals		(\$12,671,179.00)	\$0.00	(\$12,671,179.00)	(\$147,863.49)	(\$137,875.89)	(\$3,451,296.60)	(\$9,082,006.51)		(\$5,885,879.62)



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund GA - Water Board - Sewer										
EXPENSE										
0110.000	Biweekly Payroll	2,797,811.00	.00	2,797,811.00	113,673.82	.00	962,136.87	1,835,674.13	34	900,459.79
0111.000	Biweekly Comp Differential	.00	.00	.00	.00	.00	1,815.45	(1,815.45)	+++	.00
0125.000	Insurance OPT Out	89,463.00	.00	89,463.00	4,593.53	.00	37,444.78	52,018.22	42	42,270.50
0130.000	Temporary Payroll	78,750.00	.00	78,750.00	5,760.00	.00	44,050.00	34,700.00	56	52,926.20
0140.000	Overtime	278,500.00	.00	278,500.00	12,327.93	.00	109,150.71	169,349.29	39	73,248.39
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	492.00	.00	6,203.25	(6,203.25)	+++	9,679.53
0151.A	Sunday Contractual Pay	.00	.00	.00	1,781.05	.00	16,720.58	(16,720.58)	+++	14,976.52
0152.000	Shift Premium Pay	.00	.00	.00	.50	.00	85.49	(85.49)	+++	137.07
0155.A	Holiday Contractual Pay	.00	.00	.00	.00	.00	7,801.66	(7,801.66)	+++	6,679.92
0155.000	Holiday Pay	.00	.00	.00	151.35	.00	22,645.09	(22,645.09)	+++	23,140.88
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	288.86
0170.000	Overtime Meals	11,950.00	.00	11,950.00	336.00	.00	2,688.75	9,261.25	22	2,037.00
0181.000	Vacation Pay	.00	.00	.00	612.29	.00	39,489.38	(39,489.38)	+++	63,991.81
0182.000	Personal Time	.00	.00	.00	.00	.00	2,456.31	(2,456.31)	+++	4,079.61
0183.000	Compensatory Time Off	.00	.00	.00	.00	.00	1,539.05	(1,539.05)	+++	1,683.07
0184.000	Funeral Leave	.00	.00	.00	.00	.00	1,830.40	(1,830.40)	+++	560.32
0185.000	Jury Duty	.00	.00	.00	.00	.00	.00	.00	+++	736.24
0186.000	Call-In Time	.00	.00	.00	96.09	.00	5,620.43	(5,620.43)	+++	7,932.12
0189.000	Sick Leave	.00	.00	.00	188.64	.00	14,165.46	(14,165.46)	+++	27,386.85
0190.000	Vacation Cash Conversion	.00	.00	.00	.00	.00	.00	.00	+++	979.70
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0230.000	Motor Vehicle Equipment	25,000.00	.00	25,000.00	.00	.00	510.78	24,489.22	2	.00
0250.500	Safety Equipment	28,770.00	.00	28,770.00	170.00	849.65	7,997.10	19,923.25	31	13,333.49
0411.000	Office Supplies	5,700.00	.00	5,700.00	.00	.00	924.03	4,775.97	16	869.41
0412.000	Uniforms	3,305.00	.00	3,305.00	.00	.00	.00	3,305.00	0	.00
0413.000	Safety Shoes	11,400.00	.00	11,400.00	.00	.00	2,215.94	9,184.06	19	2,990.95
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	.00	.00	455.38	39,544.62	1	8,168.13
0416.000	Consumable Printed Forms	.00	.00	.00	.00	.00	280.70	(280.70)	+++	63.12
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	.00	300.00	0	148.63
0419.001	Automotive Parts	40,000.00	.00	40,000.00	1,077.20	642.07	24,740.13	14,617.80	63	7,886.02
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	100.00	655.05	4,244.95	15	856.38
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	.00	.00	.00	40,000.00	0	.00
0419.005	Tools & Machine Parts	205,100.00	(16,782.00)	188,318.00	2,175.48	18,915.56	91,208.80	78,193.64	58	66,937.69
0419.006	Construction/Repair	135,000.00	.00	135,000.00	1,359.88	6,331.17	30,278.94	98,389.89	27	26,595.37
0419.008	Signals/Communication	3,500.00	.00	3,500.00	.00	.00	.00	3,500.00	0	.00
0419.009	Misc Chemicals	19,000.00	.00	19,000.00	.00	578.18	4,380.67	14,041.15	26	6,050.96
0419.010	Laboratory	23,000.00	.00	23,000.00	.00	472.71	5,440.69	17,086.60	26	5,348.57
0419.012	Carbon	440,000.00	.00	440,000.00	16,657.30	23,342.70	16,657.30	400,000.00	9	.00
0419.014	Ferric Chloride	385,000.00	.00	385,000.00	10,596.36	58,747.58	126,252.42	200,000.00	48	120,369.35



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund GA - Water Board - Sewer										
EXPENSE										
0419.016	Primary Polymer	110,000.00	.00	110,000.00	.00	41,652.00	18,348.00	50,000.00	55	46,366.00
0419.018	Pebble Lime	210,000.00	.00	210,000.00	7,442.76	50,027.66	54,972.34	105,000.00	50	49,441.81
0419.024	Hypochlorite Solution	1,550,000.00	.00	1,550,000.00	166,880.70	333,119.30	788,807.71	428,072.99	72	246,711.92
0419.028	Hydrogen Peroxide	200,000.00	.00	200,000.00	.00	.00	.00	200,000.00	0	59,715.41
0419.599	Undesignated Supplies	53,500.00	(1,050.00)	52,450.00	909.52	8,069.36	17,627.76	26,752.88	49	2,881.33
0421.001	Phone Extension Chgs	19,300.00	.00	19,300.00	634.68	.00	14,473.23	4,826.77	75	9,174.88
0421.002	Wireless Services	6,000.00	.00	6,000.00	750.92	.00	2,362.07	3,637.93	39	2,675.03
0422.000	Light & Power	607,500.00	.00	607,500.00	(3,752.05)	.00	182,298.62	425,201.38	30	173,486.57
0423.000	Water/Sewer	296,000.00	.00	296,000.00	.00	.00	145,783.09	150,216.91	49	105,506.28
0424.000	Gas	20,000.00	.00	20,000.00	.00	.00	14,940.23	5,059.77	75	11,080.46
0432.000	Property Insurance	155,000.00	.00	155,000.00	.00	.00	.00	155,000.00	0	.00
0433.000	Liability Insurance	85,000.00	.00	85,000.00	1,553.50	.00	103,866.10	(18,866.10)	122	1,534.00
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	.00	.00	24,817.71	59,182.29	30	5,907.79
0440.599	Undesignated Leases	525.00	.00	525.00	61.77	.00	316.21	208.79	60	154.42
0441.000	Rental Of Real Property	70.00	.00	70.00	.00	.00	.00	70.00	0	.00
0442.000	Rental Of Equipment	16,750.00	.00	16,750.00	.00	.00	978.95	15,771.05	6	6,063.39
0442.003	Motor Vehicle Equip Rentl	.00	.00	.00	.00	.00	1,323.12	(1,323.12)	+++	8,252.65
0442.599	Undesignated Rentals	6,500.00	.00	6,500.00	314.43	764.54	735.46	5,000.00	23	585.98
0443.000	Repair Of Real Property	48,155.00	.00	48,155.00	.00	5,244.32	3,102.45	39,808.23	17	20,370.81
0444.000	Repair Of Equipment	153,000.00	.00	153,000.00	455.00	3,643.28	11,945.16	137,411.56	10	31,460.51
0446.000	Computer Services	.00	.00	.00	.00	.00	1,399.89	(1,399.89)	+++	1,399.89
0449.000	Billing & Collection	.00	.00	.00	3,370.42	.00	15,679.21	(15,679.21)	+++	13,481.68
0449.002	Sludge Disposal	1,550,000.00	.00	1,550,000.00	.00	500,000.00	537,219.44	512,780.56	67	591,316.01
0449.003	Waste Disposal	.00	.00	.00	.00	.00	.00	.00	+++	4,400.50
0449.004	Special Security	5,000.00	.00	5,000.00	.00	50.00	215.00	4,735.00	5	7,268.05
0449.008	Hazardous Waste Displ.	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0449.500	Safety-Contractual	5,500.00	.00	5,500.00	.00	.00	601.50	4,898.50	11	851.50
0449.599	Undesignated Services	175,500.00	16,782.00	192,282.00	538.11	48,766.05	14,628.11	128,887.84	33	58,352.37
0451.000	Consultants	100,000.00	.00	100,000.00	2,726.69	11,162.67	28,962.58	59,874.75	40	26,713.75
0453.000	Engineers & Architects	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0	6,400.00
0454.000	Attorney Services	90,000.00	.00	90,000.00	5,056.17	.00	18,677.47	71,322.53	21	15,622.50
0461.000	Postage	15,000.00	.00	15,000.00	74.60	.00	651.32	14,348.68	4	8,135.87
0463.000	Travel & Training Expense	18,500.00	.00	18,500.00	448.50	.00	2,061.00	16,439.00	11	3,112.60
0463.500	Safety Training	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	112.50
0465.000	Laundry & Cleaning	2,500.00	1,050.00	3,550.00	.00	973.25	2,576.75	.00	100	884.78
0466.000	Books,Mags. & Memberships	400.00	.00	400.00	.00	.00	1,800.00	(1,400.00)	450	2,010.00
0467.000	Advertising	399.00	.00	399.00	.00	.00	35.04	363.96	9	167.98
0471.000	Recruitment Expenditures	1,200.00	.00	1,200.00	.00	.00	60.13	1,139.87	5	347.00
0801.000	NYS E.R.S. Retirement	452,000.00	.00	452,000.00	.00	.00	.00	452,000.00	0	92,809.67



Budget Performance Report

Fiscal Year to Date 05/14/20

Exclude Rollup Account

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Fund GA - Water Board - Sewer										
EXPENSE										
0810.000	Social Security	261,541.00	.00	261,541.00	10,451.43	.00	95,530.36	166,010.64	37	91,367.08
0820.000	Worker's Compensation	250,000.00	.00	250,000.00	2,353.32	.00	2,456.01	247,543.99	1	2,508.90
0830.000	Life Insurance	8,825.00	.00	8,825.00	.00	.00	.00	8,825.00	0	3,877.29
0840.000	Unemployment Ins. NYS	.00	.00	.00	.00	.00	6,332.59	(6,332.59)	+++	5,859.12
0860.000	Medical Insurance	2,414,870.00	.00	2,414,870.00	.00	.00	73,184.16	2,341,685.84	3	1,023,797.20
0861.000	Dental Insurance	81,275.00	.00	81,275.00	.00	.00	.00	81,275.00	0	.00
0863.000	Vision Care Insurance	5,940.00	.00	5,940.00	.00	.00	.00	5,940.00	0	2,384.94
0865.000	Chiropractic Insurance	68.00	.00	68.00	.00	.00	400.00	(332.00)	588	160.00
0900.FA	Transfer To Water Divisn.	786,963.00	.00	786,963.00	.00	.00	.00	786,963.00	0	.00
0900.FGA	Transfer To Authority Bd	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0	.00
0900.FGB	Transfer To Water Board	70,000.00	.00	70,000.00	.00	.00	.00	70,000.00	0	40,708.16
0900.O&M	Transfer to Capital - Coverage	1,420,982.00	.00	1,420,982.00	.00	.00	1,420,981.80	.20	100	.00
0900.VFG	Transfer To Debt Service	4,418,229.00	.00	4,418,229.00	.00	.00	.00	4,418,229.00	0	4,090,164.00
EXPENSE TOTALS		\$20,459,041.00	\$0.00	\$20,459,041.00	\$372,319.89	\$1,113,452.05	\$5,197,992.16	\$14,147,596.79	31%	\$8,368,395.03
Fund GA - Water Board - Sewer Totals										
REVENUE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
EXPENSE TOTALS		20,459,041.00	.00	20,459,041.00	372,319.89	1,113,452.05	5,197,992.16	14,147,596.79	31%	8,368,395.03
Fund GA - Water Board - Sewer Totals		(\$20,459,041.00)	\$0.00	(\$20,459,041.00)	(\$372,319.89)	(\$1,113,452.05)	(\$5,197,992.16)	(\$14,147,596.79)		(\$8,368,395.03)
Grand Totals										
REVENUE TOTALS		.00	.00	.00	.00	.00	.00	.00	+++	.00
EXPENSE TOTALS		33,130,220.00	.00	33,130,220.00	520,183.38	1,251,327.94	8,649,288.76	23,229,603.30	30%	14,254,274.65
Grand Totals		(\$33,130,220.00)	\$0.00	(\$33,130,220.00)	(\$520,183.38)	(\$1,251,327.94)	(\$8,649,288.76)	(\$23,229,603.30)		(\$14,254,274.65)

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-001

TENURE OF OFFICE FOR BOARD OFFICERS

WHEREAS, Article VI, Section 1, of the Niagara Falls Water Board By-Laws states: “The Officers of the Board shall consist of a Chair, Vice-Chair, and a Treasurer, who shall be Members of the Board and a Secretary, who need not be a Member of the Board. Such officers shall be appointed by the Members of the Board and shall serve in such capacities at the pleasure of the Board,” and

WHEREAS, on February 23, 2017, the Water Board amended Article VI, Section 2 of its by-laws to eliminate language providing that “All officers of the Board shall hold office until their successors are chosen and qualify in their stead;” and

WHEREAS, the aforementioned language of Article VI, Section 2, was replaced by language providing that “All officers of the Board shall hold office for a term of two (2) years;” and

WHEREAS, the February 23, 2017 by-law amendment eliminated a provision that the officers shall hold office until their successors are chosen and qualify in their stead; and

WHEREAS, the February 23, 2017 by-law amendment to Article VI, Section 2 conflicts with Article VI, Section 1, of the by-laws that provides officers “serve at the pleasure of the Board” and raises the possibility of vacancies if a meeting to appoint a successor officer is not held promptly at the expiration of the officer’s two-year term, which also is not set in the by-laws; and

WHEREAS, the Board has, in practice, elected its officers annually at its business meeting; and

WHEREAS, minor amendments to the by-laws would address the issues noted above and be consistent with the Board’s actual practices;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that Article VI of the Niagara Falls Water Board's by-laws are amended as follows, with language struck through eliminated and language underlined added:

SECTION 1. *Appointment of Officers.* The Officers of the Board shall consist of a chair, a vice-chair, and a treasurer, who shall be Members of the Board and a secretary, who need not be a Member of the Board. Such officers shall be appointed by the Members of the Board ~~and shall serve in such capacities at the pleasure of the Board.~~ In addition to the secretary, the Members may appoint and at their pleasure remove such additional officers and employees as it may deem necessary for the performance of the powers and duties of the Board and fix and determine their qualifications, duties and compensation, subject to the Civil Service Commission of the City of Niagara Falls and the laws of the State of New York.

SECTION 2. *Tenure of Office.* ~~All officers of the Board shall hold office for a term of two (2) years.~~ The chair, vice-chair, and treasurer shall hold office until the Board's next annual business meeting. The secretary and any other officers appointed by the Board shall serve in such capacities at the pleasure of the Board.

SECTION 3. *Removal.* ~~Any Officer of the Board~~ The chair, vice-chair, or treasurer may be removed ~~with or without~~ for cause by a vote of the majority of the Members of the Board at a meeting called for that purpose. The secretary and any other officers appointed by the Board may be removed ~~or~~ whenever in the Member's judgment, the best interests of the Board may be served thereby.

Water Board Personnel Responsible for Implementation of this Resolution:
General Counsel

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Not applicable.

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

BY-LAWS
OF
NIAGARA FALLS WATER BOARD

Pursuant to the authority contained in section 1231-a of Title 10-C of Article 5 of the Public Authorities Law, as set out in chapter three hundred twenty five of the Laws of Two Thousand Two of the State of New York, and Sections 1230-a through 1230-aa of Title 10-B of Article 5 of the Public Authorities Law, as set out in chapter two hundred seventy-five of the Laws of Two Thousand Two of the State of New York, collectively referred to as the “Authority Act”, the Niagara Falls Water Board (the “Board”) hereby approves the following By-Laws for the regulation of its activities:

ARTICLE I
SEAL

The official seal of the Board shall be in the design circular in form bearing the words and dates as follows: Niagara Falls Water Board 2002.

ARTICLE II
OFFICE OF THE BOARD

The principal office of the Board shall be in the County of Niagara.

ARTICLE III
FISCAL YEAR

The fiscal year of the Board shall commence on January 1st of each calendar year and conclude at the close of business on December 31st of each calendar year. The fiscal year may be changed by resolution adopted at a regular or special meeting of the Board.

ARTICLE IV
MEMBERS OF THE BOARD

SECTION 1. *Number.* The number of Members constituting the Board shall be five (5).

SECTION 2. *Appointment.* One (1) Member shall serve by appointment of the Governor of the State of New York; one (1) Member shall serve by appointment of Mayor of the City of Niagara Falls; one (1) Member shall serve by appointment of the Temporary President of the Senate at the recommendation of the Senator(s) representing all or a portion of the City of Niagara Falls; one (1) Member shall serve by appointment of the Speaker of the Assembly at the recommendation of the Assembly member(s) representing all or a portion of the City of Niagara

Falls; and one (1) Member shall serve by appointment of the majority vote of the City Council of the City of Niagara Falls.

SECTION 3. *Term.* The Member who shall serve by appointment of the Governor shall be appointed for a term of office ending on December 31 of the first year following the year in which the Authority Act became law. The Member who shall serve by appointment of the Temporary President of the Senate, shall be appointed for a term ending on the thirty-first day of December of the second year following the year in which the Authority Act became law. The Member who shall serve by appointment of the Speaker of the Assembly, shall be appointed for a term ending on the thirty-first day of December of the third year following the year in which the Authority Act became law. The Member who shall serve by appointment of the Mayor of the City of Niagara Falls, shall be appointed for a term of office ending on December thirty-first of the fourth year following the year in which the Authority Act became law. The Member who shall serve by appointment of the City Council shall be appointed for a term ending on the thirty-first day of December of the fifth year following the year in which the Authority Act became law.

Subsequent appointments of Members shall be made for a term of three (3) years ending in each instance on December thirty-first of the last year of such term. Members shall continue to hold office until their successors are appointed and qualified. No Member of the Board shall be a member of the governing body of the Niagara Falls Public Water Authority.

SECTION 4. *Qualifications.* All Members shall hold at a minimum, a bachelor's degree from an accredited college or university with concentration or a degree in one of the following areas of study and at least five (5) years of professional experience therein, or without such degree, such Member shall have at least ten (10) years of professional experience in one of the following fields: legal, environmental, financial, management, engineering, human resources or science.

SECTION 5. *Residency.* At all times, at least three (3) Members of the Board shall be a resident of the City of Niagara Falls. Any Member fulfilling such requirement shall forfeit his/her membership upon termination of residency in the City of Niagara Falls, which forfeiture shall create a vacancy. When a vacancy occurs that reduces the number of Members who fulfill such requirement, to less than three (3), the appointment to fill that vacancy must be a City resident.

SECTION 6. *Vacancies.* Vacancies on the Board, created for any reason, shall be filled in the manner provided for original appointment of Members. Any vacancy occurring other than by expiration of the term of office shall be filled by appointment for the unexpired term. Successor Members appointed under this Section shall hold office until their successors have been duly appointed and qualified.

SECTION 7. *Removal.* Members may be removed from office by the public officer or public body which is empowered by the Authority Act to appoint such Member only for inefficiency, neglect of duty or misconduct in office, provided however, that such Member shall be given a copy of the charges against him/her and given an opportunity to be heard in person or by counsel, in his/her defense upon not less than ten (10) days notice.

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SECTION 8. *Compensation.* Members shall receive no compensation for their services, but shall be reimbursed for their actual and necessary expenses incurred in connection with the carrying out of their duties on behalf of the Board and the purposes of the Authority Act; provided however, that no Member shall be reimbursed for any expense of attending ordinary Board meetings or any other expense exceeding one thousand dollars (\$1,000) incurred with respect to any individual purpose, unless the Board at a meeting duly called and held when three (3) Members are present, shall have authorized such expenditure by such Member.

ARTICLE V **MEETINGS OF MEMBERS**

SECTION 1. *Annual Meeting.* The annual meeting of the Members shall be held on the first day of March of each fiscal year, or if a legal holiday, on the next secular day, or on such date and at such time as may be fixed by the Members for the transaction of business as may properly be brought before such meeting.

SECTION 2. *Regular Meetings.* Regular meetings of the Members shall be held at such times as the Members may from time to time determine. Each Member in each fiscal year shall attend at least seventy-five percent (75%) of all meetings of the Board.

SECTION 3. *Special Meetings.* Special meetings of the Members shall be held at any time, upon call by the Chair or of at least two-thirds (2/3rds) of the total number of Members.

SECTION 4. *Place of Meetings.* The annual, regularly scheduled and special meetings of the Members shall be held at the principal office of the Board or at such other place, within or without the State of New York, as the Members may from time to time determine.

SECTION 5. *Notice of Meeting.* Written or electronic notice of the place, day and hour of every regular and special meeting shall be given to each Member by delivering the same to such Member personally, or via facsimile, e-mail or other like transmission, at his/her residence or usual place of business, at least one (1) day before the meeting, or shall be sent regular or overnight to each Member, postage prepaid, and addressed to him/her at the last known Post Office address according to the records of the Board, at least three (3) days before the meeting. No notice of any adjourned meeting of the Board need be given other than by announcement at the meeting. All notices for special meetings shall state the purpose of the meeting and no business other than that stated in such notice shall be transacted at any special meeting, unless every qualified Member is present and it is unanimously agreed to consider matters other than those specifically provided for in notice of such special meeting.

SECTION 6. *Waiver of Notice.* Notice of a meeting need not be given to any Member who submits a signed written waiver thereof whether before, during or after the meeting nor to any Member who attends the meeting without protesting, prior thereto or at its commencement, the lack of notice to such Member.

SECTION 7. *Personal Attendance by Conference Communication Equipment.* Anyone or more Members or any committee thereof may participate in a meeting of such Members by means of a conference telephone or similar communications equipment allowing all persons participating in the meeting to hear, or see and hear each other at the same time. Participation by such means shall constitute presence in person at the meeting.

SECTION 8. *Conduct of Meetings.* Meetings of the Members shall be presided over by the Chair of the Board or in the absence of the Chair, by the Vice Chair and in the absence of both a chair to be chosen at the meeting. The Secretary of the Board shall act as Secretary of the meeting, if present.

SECTION 9. *Voting.* At all meetings of Members, each Member entitled to vote thereat shall have one (1) vote. The powers of the Board shall be exercised by a favorable vote of at least three (3) Members present at any meeting.

SECTION 10. *Proxies.* There shall be no voting by proxy.

SECTION 11. *Quorum.* A majority of the duly appointed Members shall be necessary to constitute a quorum for the transaction of business at each meeting of the Board; but if at any meeting there be less than a quorum present, a majority of those present may adjourn the meeting from time to time without notice other than by announcement at the meeting, until a quorum shall attend. At any adjournment, at which a quorum shall be present, any business may be transacted which might have been transacted at the meeting as originally called.

SECTION 12. *Committees.* The Board may, in its discretion, by an affirmative vote of a majority of all Members appoint a Member or Members to serve as a Special Purpose Committee for the purpose of exploring and reviewing any issue as prescribed by the Chair. Any such committee shall consist of as many Members as the Chair shall determine.

ARTICLE VI **OFFICERS OF THE BOARD**

SECTION 1. *Appointment of Officers.* The Officers of the Board shall consist of a chair, a vice-chair, and a treasurer, who shall be Members of the Board and a secretary, who need not be a Member of the Board. Such officers shall be appointed by the Members of the Board and shall serve in such capacities at the pleasure of the Board. In addition to the secretary, the Members may appoint and at their pleasure remove such additional officers and employees as it may deem necessary for the performance of the powers and duties of the Board and fix and determine their qualifications, duties and compensation, subject to the Civil Service Commission of the City of Niagara Falls and the laws of the State of New York.

SECTION 2. *Tenure of Office.* All officers of the Board shall hold office for a term of two (2) years.

SECTION 3. *Removal.* Any Officer of the Board may be removed with or without cause by a vote of the majority of the Members of the Board at a meeting called for that purpose or whenever in the Member's judgment, the best interests of the Board may be served thereby.

ARTICLE VII **DUTIES OF OFFICERS**

SECTION 1. *Chair of the Board.* The Chair shall preside at all meetings of the Board. The Chair shall be responsible for the discharge of the executive functions and powers of the Board, but shall be empowered to delegate any one or more of such functions or powers, including, without limitation, that of appointment, discipline and removal of officers or employees, to one or more officers appointed by the Board and shall perform such other duties as the Board may direct. The Chair shall sign and execute, on behalf of the Board, all contracts, instruments or other required documentation when so authorized by resolution of the Board.

SECTION 2. *Vice Chair of the Board.* The Vice Chair shall perform the duties of the Chair in the event the office of Chair is vacant, or in the event the Chair is unable to perform such duties by reason of illness, disability or absence and shall perform such other duties as may be designated by the Board.

Section 3. *Secretary.* The Secretary shall attend and keep full minutes of all meetings of the Members in books provided for that purpose. He/she shall see that all notices are duly given in accordance with the provisions of these By-Laws or as required by law. He/she shall be the custodian of the records and of the Seal of the Board. He/she shall affix the Seal to all documents, the execution of which on behalf of the Board, under the Seal, is duly authorized by the Members and when so affixed may attest the same. He/she shall have such other powers and duties as may be properly designated by the Board. The absence of the Board seal on a document, however, shall not invalidate such document.

SECTION 4. *Treasurer.* The Treasurer shall keep correct and complete books and records of account for the Board. Subject to the control and supervision of the Board, the Treasurer shall maintain banking arrangements to receive, have custody of and disburse the Board's moneys and securities. He/she shall invest the Board's funds as required, establish and coordinate policies for investment in pension and other similar trusts, and provide insurance coverage as required. He/she shall direct the granting of credit and the collection of accounts due the Board. He/she shall have such other powers and duties as may be properly designated by the Board. The Treasurer shall execute a bond, conditioned upon the faithful performance of the duties of his/her office. The amount and sufficiency of such bond shall be approved by the Board and the premium therefor shall be paid for by the Board.

SECTION 5. *Insurance.* The Board may maintain insurance, at its expense, to protect itself, any officer, employee or agent of the Board against any expense, liability or loss, whether or not the Board would have the power to indemnify such person against such expense, liability or loss under this Article or applicable law.

ARTICLE VIII

DEFENSE AND INDEMNIFICATION OF OFFICERS AND MEMBERS

All of the Members and officers of the Board are entitled to defense and indemnification from the Board pursuant to and in accordance with section 18 of the New York Public Officers Law, and shall not have personal liability resulting from the ownership, construction, maintenance or operation of any of the projects or properties of either the Niagara Falls Public Water Authority or the Board, or the carrying out of any of the powers of the Authority Act.

ARTICLE IX **AMENDMENTS**

SECTION 1. *Power to Amend.* The Members shall have the power to adopt, amend or repeal the By-Laws of the Board by a majority vote of the total number of Members, notwithstanding any vacancies.

Adopted: April __, 2003

Name:

Title: Secretary

NIAGARA FALLS WATER BOARD'S
CODE OF ETHICS,
CODE OF CONDUCT
&
THE RULES AND REGULATIONS
REGARDING ALLEGED VIOLATIONS OF
THE CODE OF ETHICS
OR
CODE OF CONDUCT

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I.

NIAGARA FALLS WATER BOARD CODE OF ETHICS

The Niagara Falls Water Board's ("Board") Code of Ethics ("Code of Ethics") is codified in New York Public Authorities Law§ 1230-v and is set forth in full below:

1. As used in this section the term "employee" shall mean any member, officer, agent or employee of the authority or the water board.
2. No employee shall have any interest financial or otherwise, direct or indirect, or engage in any business or transaction or professional activity or incur any obligation of any nature, which is in substantial conflict with the proper discharge of his or her duties in the public interest.
3. Standards for such code of ethics shall be as follows:
 - a. No employee shall accept other employment which will impair his or her independence of judgment in the exercise of his or her official duties.
 - b. No employee shall accept employment or engage in any business or professional activity which will require the employee to disclose confidential information which he or she has gained by reason of his or her official position or authority.
 - c. No employee shall disclose confidential information acquired by the employee in the course of his or her official duties nor use such information to further his or her personal interests.
 - d. No employee shall use or attempt to use his or her official position to secure unwarranted privileges or exemptions for himself or herself or others.
 - e. No employee shall engage in any transaction as representative or agent of the authority or water board with any person or business entity in which he or she has a direct or indirect financial interest that might reasonably tend to conflict with the proper discharge of his or her official duties.
 - f. An employee shall not by his or her conduct give reasonable basis for the impression that any person can improperly influence such employee or unduly enjoy his or her favor in the performance of his or her official duties, or that he or she is affected by the kinship, rank, position or influence of any party or person.
 - g. An employee shall abstain from making personal investments in enterprises which he or she has reason to believe may be directly involved in decisions to be made by the employee or which will otherwise create substantial conflict between his or her duty in the public interest and his or her private interest.

- h. An employee shall endeavor to pursue a course of conduct which will not raise suspicion among the public that he or she is likely to be engaged in acts that are in violation of his or her trust.
- i. No employee employed on a full-time basis nor any person, firm or association of which such an employee is a member, nor corporation a substantial portion of the stock of which is owned or controlled directly or indirectly by such employee, shall sell goods or services to any person, firm, corporation or association which is licensed or whose rates are fixed by the water board in which such employee serves or is employed.
- j. If any employee shall have a financial interest, direct or indirect, having a value often thousand dollars or more, in any activity which is subject to the jurisdiction of a regulatory agency, he or she shall file with the secretary of state and secretary of the water board a written statement that he or she has such a financial interest in such activity which statement shall be open to public inspection.
- k. In addition to any penalty contained in any other provision of law, any such employee who shall knowingly and intentionally violate any of the provisions of this section may be fined, suspended or removed from office or employment in accordance with the rules and regulations of the water board. It shall be misdemeanor for any such employee to be in any way or manner Interested, directly or indirectly, in the furnishing of work, materials, supplies or labor, in any contract therefore which the authority or the water board is empowered to make by this title.

II.

NIAGARA FALLS WATER BOARD CODE OF CONDUCT

In addition to the Code of Ethics codified in New York Public Authorities Law §1230-v, which the Board hereby adopts and reaffirms, the Board hereby adopts the following Code of Conduct ("Code of Conduct") pursuant to New York Public Authorities Law § 1230-f(28). The Code of Conduct shall apply to all Board Members ("Members"); Officers of the Board; and any and all employees of the Board who have exempt status under New York Civil Service Law (collectively "Covered Persons"). This Code of Conduct is intended to guide and enhance the ethical and professional performance of Covered Persons and to preserve public confidence in the Board's mission and activities.

Conduct of Covered Persons

- 1. Covered persons shall not interfere with, or otherwise act in a manner inconsistent with the implementation of any official policy, procedure, direction or strategy of the board.
- 2. In the event that a member has any complaints, questions or issues, concerning board operations, such complaints, questions or issues are to be directed to the executive director. If an employee of the board raises a complaint, question or issue regarding board operations to a covered person, the employee

should be instructed to first bring such complaint, question or issue to their immediate supervisor and ultimately to the executive director's office or his or her designee. Members shall not become involved in the day to day operations of the board.

3. Members must acknowledge that they do not speak on behalf of the entire board. Precaution must be realized before an individual member makes public comments regarding board issues and operations. If at all possible, public statements should be issued through the executive director's office.
4. This code of conduct shall be provided to all covered persons upon commencement of appointment or employment.

Amended January 26, 2017

III.

NIAGARA FALLS WATER BOARD RULES AND REGULATIONS FOR THE BOARD'S CODE OF ETHICS AND CODE OF CONDUCT

A. Scope

The following Rules and Regulations shall apply where a violation of the Code of Ethics or Code of Conduct is alleged against a Covered Person and shall only apply to Covered Persons. These Rules and Regulations shall not apply to unionized employees of the Board.

B. Procedure Upon Allegation of Violation

1. Complaints and allegations of violations by a Covered Person of the Code of Ethics and/or Code of Conduct shall be directed to the Board.
2. All Upon receiving a complaint regarding a Covered Person's alleged violation of the Code of Ethics or Code of Conduct, the Board may designate a committee of three members to investigate the complaint or alternatively may appoint an Investigative Officer who shall not be a Member, Officer or other employee of the Board ("Investigative Officer"), to conduct an investigation.
3. The Board committee or Investigative Officer shall investigate the alleged violation in such manner as deemed appropriate.
4. A Covered Person who is alleged to have violated the Code of Ethics and/or the Code of Conduct shall receive a written notice of the complaint against him or her and shall be allowed twenty (20) days to provide a written response thereto. A Covered Person who is the subject of an investigation and who is questioned during any such investigation shall be entitled to representation by private counsel, selected by such Covered Person and paid for at his or her sole expense.
5. Upon completion of the investigation, the Board Committee Investigative Officer shall prepare a report to the full Board containing the findings of the investigation.

6. The report shall contain findings of fact, a conclusion as to whether a violation occurred, and recommendations regarding further action and discipline.
7. If the report concludes that the Covered Person has not violated the Code of Ethics and/or Code of Conduct, then the Board shall dismiss the complaint and shall take no further action with regard to said complaint.
8. If, however, the Investigative Officer's report concludes that the Covered Person has violated the Code of Ethics and/or Code of Conduct, then the Board may upon a majority vote issue a Notice of Potential Board Action ("Notice") to such Covered Person along with a copy of the Investigative Officer's report. The Notice shall include the charges and inform the subject Covered Person that they may be subject to the penalties provided herein.
9. The Covered Person shall then have ten (10) days to respond to the Notice in writing and shall also have the right to appear before the Board to offer his or her verbal response to the Notice and submit such other evidence as desired. The Board may also conduct such further investigation and receive such other evidence as it deems relevant.
10. After concluding its investigation the Board may impose, by a two-thirds vote, a penalty or act as provided herein or otherwise provided by law.
11. In addition to any penalty contained in any other provision of law, such penalty may consist of a reprimand, a fine not to exceed \$1,000, which in the case of an Officer or employee, may be deducted from such Officer's or employee's wages, suspension without pay for no more than three months, or removal from employment with the Board. In the case of a Member who has violated the Code of Ethics, the Board may also, by a two-thirds vote, remove the Member from the Board as authorized therein.

Adopted October 18, 2007

Residency & Qualifications

Upon appointment to the Niagara Falls Water Board, the appointee will submit a resume detailing the appropriate education and professional experience to the Niagara Falls Public Water Authority, and proof of City residency where applicable within 15 days of such appointment. This will insure that all appointees meet the statutory minimum qualifications.

Adopted October 18, 2007

**AMENDING CODE OF CONDUCT TO CLARIFY EMPLOYEE OBLIGATIONS
WITH RESPECT TO BOARD OF DIRECTORS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) Board of Directors has adopted a Code of Conduct that provides in part as follows:

2. In the event that a member has any complaints, questions or issues, concerning board operations, such complaints, questions or issues are to be directed to the executive director. If an employee of the board raises a complaint, question or issue regarding board operations to a covered person, the employee should be instructed to first bring such complaint, question or issue to their immediate supervisor and ultimately to the executive director's office or his or her designee. Members shall not become involved in the day to day operations of the board; and

WHEREAS, in 2017 the Water Board removed from its Code of Conduct a provision that prohibited Board members from contacting employees; and

WHEREAS, in their zeal for promoting the proper operation of the Water Board, members of the Board of Directors who now speak with employees in order to obtain relevant information occasionally direct employees to pursue a particular course of action; and

WHEREAS, individual members of the Board of Directors are not authorized to direct the activities of staff unless otherwise authorized by Board resolution, as the day-to-day operations of the Water Board are to be conducted under the direction and supervision of the Executive Director; and

WHEREAS, to eliminate confusion over the chain of command for employees who have been directed by a Board Member to pursue a particular course of action the Code of Conduct may be amended to clarify that employees should receive authorization from the Executive Director prior to acting upon a Board Member’s directive; and

WHEREAS, the impact COVID-19 crisis has made it desirable to implement a procedure to streamline Board communications with the Executive Director during declared States of Emergency;

NOW THEREFORE BE IT

RESOLVED, that the Water Board’s Code of Conduct shall be amended as follows, with language struck through eliminated and language underlined added:

Conduct of Covered Persons

1. Covered persons shall not interfere with, or otherwise act in a manner inconsistent with the implementation of any official policy, procedure, direction, or strategy of the Water Board.

2. In the event that a ~~Board~~ ~~Member~~ has any complaints, questions, or issues, concerning ~~Board~~ operations, such complaints, questions or issues are to be directed to the ~~eExecutive~~ ~~dDirector~~. If an employee of the board raises a complaint, question, or issue regarding ~~Board~~ operations to a covered person, the employee should be instructed to first bring such complaint, question, or issue to their immediate supervisor and ultimately to the ~~eExecutive~~ ~~dDirector~~'s office or his or her designee. Members shall not become involved in the day to day operations of the ~~Board~~.

3. Water Board Members shall not direct employees or Water Board contractors to take actions except through duly-enacted Board motions or resolutions at properly noticed meetings, as individual Members are without authority unilaterally to direct employee or contractor activities. The day-to-day operations of the Water Board are to be conducted under the direction and supervision of the Executive Director, and employees under the Executive Director or contractors who are directed to take an action by an individual Board Member must receive the Executive Director's approval before carrying out the individual Member's directive.

4. Members must acknowledge that they do not speak on behalf of the entire board. Precaution must be realized before an individual member makes public comments regarding board issues and operations. If at all possible, public statements should be issued through the ~~eExecutive~~ ~~dDirector~~'s office.

5. During declared Local States of Emergency, Members shall direct all communications regarding Water Board matters that otherwise would be sent to the Executive Director pursuant to this Code to the Board Chairperson, who shall address any urgent issues with the Executive Director. The purpose of this provision is to coordinate information and reduce the burden on the Executive Director during a state of emergency. This provision shall not apply to a Member communicating to the Executive Director to alert the Executive Director to an urgent situation, such as a water main break or other circumstance that may jeopardize health, life, or property, during a state of emergency.

6. This code of conduct shall be provided to all covered persons upon commencement of appointment or employment.

Water Board Personnel Responsible for Implementation of this Resolution:

All persons governed by the Code of Conduct.

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-003

ELECTION OF OFFICERS

WHEREAS, Article VI, Section 1 of the Niagara Falls Water Board By-Laws states: “The Officers of the Board shall consist of a Chair, Vice-Chair, and a Treasurer, who shall be Members of the Board and a Secretary, who need not be a Member of the Board.”; and

WHEREAS, the By-Laws further provide for the Board’s annual meeting to be held in March, but no meeting was held that month because of COVID-19; and

WHEREAS, the following individuals have been nominated to the following offices:

Chairperson: _____
Vice-Chairperson: _____
Treasurer: _____
Secretary: _____

WHEREAS, nominations having been duly made and closed;

NOW THEREFORE BE IT

RESOLVED, that the following individuals are hereby elected and appointed as officers:

Chairperson: _____
Vice-Chairperson: _____
Treasurer: _____
Secretary: _____

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Rena Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-004

FINANCE AND AUDIT COMMITTEE MEMBERSHIP AND MEETINGS

WHEREAS, the Niagara Falls Water Board has a Finance and Audit Committee; and

WHEREAS, the Chairperson opened the floor for nominations, and _____
was nominated as Chairperson of the Finance and Audit Committee; and

WHEREAS, the Chairperson of the Water Board recommends that the Finance and Audit Committee be a committee of the whole, comprised of each member of the Niagara Falls Water Board, with the Executive Director and Director of Financial Services serving as ex-officio members of the Committee;

NOW THEREFORE BE IT

RESOLVED, that

- (1) _____ hereby is appointed Chairperson of the Finance and Audit Committee;
- (2) Until the Water Board's next annual meeting, the Finance and Audit Committee shall be a committee of the whole, whose membership will be each member of the Niagara Falls Water Board, with the Executive Director and Director of Financial Services serving as ex-officio members of the Committee;
- (3) Meetings of the Finance and Audit Committee will be called by that Committee's Chairperson, with said meetings:
 - a. Held in compliance with the Open Meetings Law, including proper public notice;
 - b. Conducted pursuant to agendas, and recorded with minutes, both of which shall be posted to the Water Board's website; and
 - c. When possible, conducted before or after work sessions or other meetings of the Water Board, to avoid a multiplicity of meetings for Board members.

* CONTINUED ON NEXT PAGE *

- (4) The Chairperson of the Finance and Audit Committee also shall be tasked with scheduling regular meetings with Water Board staff for the coordination of information and execution of Finance and Audit Committee objectives, to be referred to as Finance Team Meetings. The Chairperson will be responsible to report to the Finance and Audit Committee appropriate information from Finance Team Meetings.

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

GOVERNANCE COMMITTEE MEMBERSHIP AND MEETINGS

WHEREAS, the Niagara Falls Water Board has a Governance Committee; and

WHEREAS, the Chairperson opened the floor for nominations, and _____
was nominated as Chairperson of the Governance Committee; and

WHEREAS, the Chairperson of the Water Board recommends that the Governance Committee be a committee of the whole, comprised of each member of the Niagara Falls Water Board, with the Executive Director and General Counsel and Secretary serving as ex-officio members of the Committee;

NOW THEREFORE BE IT

RESOLVED, that

- (1) _____ hereby is appointed Chairperson of the Governance Committee;
- (2) Until the Water Board's next annual meeting, the Governance Committee shall be a committee of the whole, whose membership will be each member of the Niagara Falls Water Board, with the Executive Director and General Counsel and Secretary serving as ex-officio members of the Committee;
- (3) Meetings of the Governance Committee will be called by that Committee's Chairperson, with said meetings:
 - a. Held in compliance with the Open Meetings Law, including proper public notice;
 - b. Conducted pursuant to agendas, and recorded with minutes, both of which shall be posted to the Water Board's website; and
 - c. When possible, conducted before or after work sessions or other meetings of the Water Board, to avoid a multiplicity of meetings for Board members.

* CONTINUED ON NEXT PAGE *

- (4) The Chairperson of the Governance Committee also shall be tasked with scheduling regular meetings with Water Board staff for the coordination of information and execution of Governance Committee objectives, to be referred to as Governance Team Meetings. The Chairperson will be responsible to report to the Governance Committee meeting appropriate information from Governance Team Meetings.

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-006

AUTHORIZING SETTLEMENT OF CLAIM BY BENJAMIN SHIRBACK

WHEREAS, on or about August 30, 2019, Claimant, Benjamin Shirback, filed a Notice of Claim for damage to a tire and wheel on a 2019 Dodge Ram truck allegedly resulting from an allegedly defective temporary manhole cover, the warning barrel for which was missing at the time of the incident; and

WHEREAS, the Water Board's best interests are served by the prompt resolution of Mr. Shirback's claim which totals \$749.08;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board be and is hereby authorized to pay the sum of \$749.08 to Benjamin Shirback as settlement in full of the Notice of Claim filed on or about August 30, 2019, on the condition that he executes a general release acknowledging that no party admits fault for the underlying incident.

Water Board Personnel Responsible for Implementation of this Resolution:
General Counsel

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA.1930.0000.0449.599

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



NIAGARA FALLS WATER BOARD

5815 Buffalo Avenue
Niagara Falls, NY 14304

NOTICE OF CLAIM FORM FOR PERSONAL INJURY, DAMAGE TO PROPERTY OR LOSS OF PROPERTY

NOTE: NO NOTICE OF CLAIM WILL BE ACCEPTED IF FILED LATER THAN 90 DAYS FROM THE DATE OF LOSS. YOUR CLAIM MUST PROVIDE VALID PROOF OF ALLEGED DAMAGES AND PROOF OF THE VALUE OF ANY PROPERTY ALLEGEDLY DAMAGED.

UNDER NEW YORK LAW, ANY PERSON WHO PRESENTS A FALSE OR FRAUDULENT CLAIM TO A LOCAL GOVERNMENT FOR PAYMENT IS SUBJECT TO CRIMINAL AND CIVIL PENALTIES INCLUDING RECOVERY OF THREE TIMES THE AMOUNT OF DAMAGES SUSTAINED BY SUCH LOCAL GOVERNMENT.

CLAIM INVESTIGATION BY THE NIAGARA FALLS WATER BOARD WILL TAKE BETWEEN 6 TO 8 WEEKS

1. Name of Claimant: Benjamin Shirback
2. Address of Claimant: [REDACTED]
N. Falls NY 14304
3. Claimant's telephone number: [REDACTED]
4. Owner of damaged or lost property: Benjamin Shirback
5. Owner's address: Same ↑
6. Owner's telephone number: [REDACTED]
7. Date of Loss: 8-11-2019
8. Time when loss occurred: 11:45 AM / PM
9. Exact location of loss(i.e. house address, nearest cross street):
Ontario Ave / 22nd St - intersection

10. Police report number (if any) -NONE - CALLS FOR SERVICE REGARDING THIS MISSING COVER.

11. Describe how loss occurred: Driving North on Ontario
Leaving Work and noticed a loud noise
Which sounded like I ran something
over. When I investigated, I noticed the
sewer cover was missing and I struck
the cover and hole.

12. List all items of property damage ascertained to date (attach two original

estimates of repair or replacement and all paid original

receipts): No estimate, this was repaired by
the dealership at a discounted rate, not
charging me labor or tire, just rim.

-1 rim

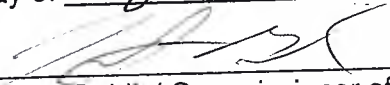
Claim must be notarized

THE UNDERSIGNED DECLARES, UNDER PENALTIES OF PERJURY, THAT HE/SHE IS THE CLAIMANT, THAT HE/SHE HAS READ THE FOREGOING NOTICE OF CLAIM, THAT TO THE BEST OF HIS/HER KNOWLEDGE THE INFORMATION CONTAINED HEREINABOVE IS TRUE AND CORRECT.


Signature of Claimant

Sworn to before me this 30

day of August, 20 19


Notary Public/ Commissioner of Deeds

JUSTIN GONKA
Notary Public - State of New York
No. 01GO6359105
Qualified in Niagara County
My Commission Exp. 05/22/2021

Page 2 of 2

JOE CECCONI'S

CALL 297-5800 CHRYSLER COMPLEX

MILITARY RD. 1-BLOCK NORTH OF FACTORY OUTLET MALL NIAGARA FALLS

2380 Military Road • Niagara Falls, NY 14304

BUFFALO PHONE: 692-7433



Jeep



CELL: 716- [REDACTED]

CUSTOMER NO. 29837	ADVISOR CHRIS SATARIAN	32692	TAG NO. [REDACTED]	INVOICE DATE 08/22/19	INVOICE NO. CHCS354782
BENJAMIN T SHIRBACK [REDACTED]	LABOR RATE	LICENSE NO.	MILEAGE 10,211	COLOR VICE WHT/LT	STOCK NO. 90687
	YEAR / MAKE / MODEL 19/DODGE TRUCK/RAM 1500/1500 LARAMIE			DELIVERY DATE 11/30/18	DELIVERY MILES 55
	VEHICLE I.D. NO. [REDACTED]			SELLING DEALER NO.	PRODUCTION DATE
	F.T.E. NO.	P.O. NO.	R.O. DATE 08/12/19		
	RESIDENCE PHONE 716- [REDACTED]	BUSINESS PHONE 716- [REDACTED] x67	COMMENTS		
					M0: 10211

JOB# 1 CHARGES

LABOR-----				TECH(S): 79443		0.00
J# 1 46CVZ	WHEELS/TIRES					
CS LEFT REAR TIRE FLAT						
275/55R20 DUELER H/L BRIDGESTONE						
REPLACED LEFT REAR TIRE						
AND LEFT REAR RIM						
PARTS-----	QTY----	FP-NUMBER-----	DESCRIPTION-----	UNIT	PRICE-	
	1	TBR00008-62	TIRE 275/ 22001031		187.99	187.99
		7XY1DH84618				
	1	SYD571AU-AA	WHEEL ALU 22001005		505.60	505.60
					TOTAL - PARTS	693.59

JOB# 1 TOTALS

					PARTS	693.59
JOB# 1 JOURNAL PREFIX CHCS					JOB# 1 TOTAL	693.59

TOTALS

*****				TOTAL LABOR....	0.00
* [] CASH [] CHECK CK NO. [] *				TOTAL PARTS....	693.59
* [] VISA [] MASTERCARD [] DISCOVER *				TOTAL SUBLET...	0.00
* [] AMER XPRESS [] OTHER [] CHARGE *				TOTAL G.O.G....	0.00
*****				TOTAL MISC CHG.	0.00
				TOTAL MISC DISC	0.00
				TOTAL TAX.....	55.49
TOTAL INVOICE \$					749.08

THANK YOU FOR YOUR BUSINESS!!

CUSTOMER SIGNATURE

REPAIR SHOP REG. NO. R 5320051

ALL CHRYSLER PARTS AND LABOR ARE WARRANTED FOR 12 MONTHS OR 12,000 MILES, WHICHEVER COMES FIRST.

The seller, hereby expressly disclaims all warranties either expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any person to assume for it any liability in connection with the sale of said products.

JOE CECCONI'S
CHRYSLER COMPLEX

2380 Military Road
Niagara Falls, NY 14304

(716) 297-5800

Buffalo Phone: (716) 692-7433

SALES

SERVICE



PARTS

COLLISION

ESTIMATES

ACCESSORIES

CHRYSLER
ROADSIDE ASSISTANCE

1-800-521-2779

THANK YOU!

**For bringing your
vehicle to us for service**

CECCONIS CHRYSLER COMPLEX
2380 MILITARY ROAD
NIAGARA FALLS, NY 14304
716-297-5800

08/24/2019 14:16:41
Merchant ID:
*****4079
Device ID: 5784
Terminal ID: PPX1.

Credit Sale:

Transaction #: 11
Card Type:
Account: *****
Entry: Chip
Order Number: 354782

Amount: \$749.08

STAN: 011
Auth. Code: 02454R
Batch Number: 6
Response: AUTH/TKT
TRANS ID: 749204418768226

Mode: Issuer
AID: 40000001523010
TVR: 0000008000
IAD: 0105608000000000
TSI: E800
ARC: 00
APPN: Discover Credit
IC: 62572E871B27777A
ATC: 0057
APPLAB: Discover

CUSTOMER COPY

Thank You For Your Business

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-007

AUTHORIZING SETTLEMENT OF CLAIM BY RONALD GRIGGS

WHEREAS, on or about February 12, 2020, Claimant, Ronald Griggs, filed a Notice of Claim for damage to a tire on a 2020 Chevrolet Tahoe allegedly resulting from contact with the edge of a catch basin that was not flush to the curb; and

WHEREAS, after the incident alleged in Mr. Griggs's notice of claim, the catch basin was repaired or reset; and

WHEREAS, the Water Board's best interests are served by the prompt resolution of Mr. Griggs's claim which totals \$214.16;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board be and is hereby authorized to pay the sum of \$214.16 to Ronald Griggs as settlement in full of the Notice of Claim filed on or about February 12, 2020, on the condition that he executes a general release acknowledging that no party admits fault for the underlying incident.

Water Board Personnel Responsible for Implementation of this Resolution:
General Counsel

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA.1930.0000.0449.599

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



NIAGARA FALLS WATER BOARD

5815 Buffalo Avenue
Niagara Falls, NY 14304

NOTICE OF CLAIM FORM FOR PERSONAL INJURY, DAMAGE TO PROPERTY OR LOSS OF PROPERTY

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UNDER NEW YORK LAW, ANY PERSON WHO PRESENTS A FALSE OR FRAUDULENT CLAIM TO A LOCAL GOVERNMENT FOR PAYMENT IS SUBJECT TO CRIMINAL AND CIVIL PENALTIES INCLUDING RECOVERY OF THREE TIMES THE AMOUNT OF DAMAGES SUSTAINED BY SUCH LOCAL GOVERNMENT.

CLAIM INVESTIGATION BY THE NIAGARA FALLS WATER BOARD WILL TAKE BETWEEN 6 TO 8 WEEKS

1. Name of Claimant: Ronald Griggs
2. Address of Claimant: [REDACTED]
3. Claimant's telephone number: (716) [REDACTED] / also [REDACTED]
4. Owner of damaged or lost property: Ronald Griggs
5. Owner's address: [REDACTED]
6. Owner's telephone number: [REDACTED] / A/SO [REDACTED]
7. Date of Loss: December 13, 2019
8. Time when loss occurred: 1:50 AM ☒ PM
9. Exact location of loss(i.e. house address, nearest cross street):
533 17th Street Niagara Falls New York 14301

10. Police report number (if any) n/a
11. Describe how loss occurred: while driving down
the street move over towards curb
side to park, jagged edge of city
water Basin sticks out further
the curb & cut my tire on a "2021"
Tahoe just purchased truck.

12. List all items of property damage ascertained to date (attach two original

estimates of repair or replacement and all paid original

receipts): yes I have Dunn tire

whom replace the tire for
Total of \$214.16

Claim must be notarized

THE UNDERSIGNED DECLARES, UNDER PENALTIES OF PERJURY, THAT HE/SHE IS THE CLAIMANT, THAT HE/SHE HAS READ THE FOREGOING NOTICE OF CLAIM, THAT TO THE BEST OF HIS/HER KNOWLEDGE THE INFORMATION CONTAINED HEREINABOVE IS TRUE AND CORRECT.

Donald H. Riggs
Signature of Claimant

Sworn to before me this 12

day of February, 20 20

Justin Gonka
Notary Public/ Commissioner of Deeds

JUSTIN GONKA
Notary Public - State of New York
No. 01GO6359105
Qualified in Niagara County
My Commission Exp. 05/22/2021

- * Mounting & Balancing
- * Nationwide Road Hazard Warranty
- * TPMS-Tire Pressure Monitoring System Reset
- * 24-Hour Roadside Assistance
- * 30-Day Exchange Satisfaction Guarantee
- * Valve Stem & Tire Disposal
- * Installation
- * Lifetime Rotations
- * Lifetime Flat Repairs
- * Nitrogen Inflation System
- * Tire Inspection & Pressure Check
- * Computerized Alignment Check (Note: Appointment Required)

CUSTOMER INFORMATION	VEHICLE INFORMATION	SERVICE TECHNICIAN INSTRUCTIONS
----------------------	---------------------	---------------------------------

INVOICE NO. PAGE INVOICE DATE PRINT DATE/TIME		SALES ASSOCIATE ORIGINAL INVOICE	
[REDACTED] [REDACTED]		[REDACTED]	

TECH ID	QUANTITY	PART NUMBER	PRODUCT DESCRIPTION	WARRANTY	UNIT PRICE	NET	TOTAL PRICE
---------	----------	-------------	---------------------	----------	------------	-----	-------------

[illegible]

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I UNDERSTAND THAT MY WHEELS HAVE BEEN TORQUED TO SPECIFICATIONS. I UNDERSTAND THAT CUSTOM WHEELS MUST BE RETOURQUED AFTER 25 MILES AND CHECKED PERIODICALLY. I ALSO UNDERSTAND THAT RETOURQING MUST BE DONE ANY TIME THE WHEEL IS REMOVED FROM THE VEHICLE.

SIGNATURE

SUBTOTAL:	12.10
F.E.T. TOTAL:	0.00
STATE TIRE TAX:	2.50
SALES TAX:	15.68
GRAND TOTAL:	214.16

21414
0.00



**AUTHORIZING RATE CONSULTANT AND
CONSULTING ENGINEER AGREEMENT**

WHEREAS, the Niagara Falls Water Board is required pursuant to Section 6.2 of its Financing Agreement to procure the professional services of an independent Rate Consultant and independent Consulting Engineer; and

WHEREAS, working for the Water Board and the Niagara Falls Public Water Authority, the Rate Consultant and Consulting Engineer assist with the operating budget and rate setting, financial service monitoring, capital improvement plan development, technical advice and opinions relating to projects or strategies of the Water Board, preparation of a feasibility report for the issuance of bonds, if needed, and an updated continuing disclosure report; and

WHEREAS, AECOM and Drescher & Malecki previously have served in this capacity, and have presented a proposal dated March 11, 2020 to perform these services for 2020; and

WHEREAS, the Director of Financial Services recommends that AECOM and Drescher & Malecki be appointed to serve as Consulting Engineer and Rate Consultant;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Water Board's Executive Director hereby is authorized to accept on behalf of the Niagara Falls Water Board the March 11, 2020 proposal by AECOM and Drescher & Malecki for 2020 Consulting Engineer/Rate Consultant services.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director

Director of Financial Services

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:

FGB.8000.0000.0451.000

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



March 11, 2020

Mr. Patrick Fama, Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Re: Proposal for 2020 Consulting Engineer/Rate Consultant Services

Dear Mr. Fama:

AECOM USA, Inc. (AECOM) is pleased to submit this proposal to the Niagara Falls Water Board (NFWB) for Consulting Engineer/Rate Consultant (CE/RC) services for the upcoming year. As you know the team of AECOM (formerly URS) and Drescher & Malecki LLP has provided these services to the NFWB from 2011 through 2019. For 2020 we are pleased to offer the same project team. AECOM will serve as the prime consultant and Drescher & Malecki will serve as AECOM's subconsultant. Man hour allocation for each task is individually tailored with some tasks utilizing a mix of the project team while other tasks are strictly accounting or engineering functions. This breakdown is delineated in the scope of work discussion below.

Our proposal includes the following items:

- Understanding of Work Scope and Responsibilities
- Statement of Qualifications and Project Personnel
- Fees and Expenses
- Work Schedule

Understanding of Work Scope and Responsibilities

In this section AECOM presents our understanding of the work tasks and identifies which members of the project team will be responsible for performing the task.

Task 1 – Operating Budget and Rate Setting

This task will include the following subtasks:

1. If desired by the NFWB, a project kick off meeting will be scheduled to introduce the principal players of the project team and discuss the data requirements, the sequence of data release and the project schedule.
2. Drescher & Malecki will review the NFWB operating budgets.
3. Drescher & Malecki will review the proposed adjustments to the water and sewer rates for upcoming year to meet the required operating dollars and debt service coverage.
4. Drescher & Malecki, with assistance from AECOM, will prepare written documentation regarding adequacy of rates and other charges, O&M budget, reasonableness of CIP.
5. Drescher & Malecki will develop and update a five year budget forecast to anticipate future rate changes and capital investment strategies.
6. Drescher & Malecki and AECOM will present the findings to NFWB at its annual public hearing regarding the proposed budget and water and sewer rates.



Mr. Patrick Fama
March 11, 2020

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It is anticipated that approximately 80% percent of this project task will be allocated to Drescher & Malecki, with the balance allocated to AECOM.

Task 2 – Financial Services during the Fiscal Year

This task will include the following subtasks:

1. Drescher & Malecki will perform oversight of cash flows throughout year, including reviewing cash receipts, disbursements, and debt service coverage.
2. Drescher & Malecki will review the adequacy of funding at least on a quarterly basis, more so if required by the NFWB.
3. Drescher & Malecki will consult with the NFWB representatives including the financial advisor through out the year on matters relating to cash flows

This task will be allocated to Drescher & Malecki with limited oversight from AECOM.

Task 3 – CIP Development

AECOM will review the five-year Capital Improvement Program (CIP) for adequacy, prioritization and regulatory compliance. It is assumed that AECOM will review the CIP once per year, and on demand as necessary.

This task will be performed solely by AECOM.

Task 4 – Engineering Services during the Fiscal Year

AECOM will provide sound technical advice and opinion on technical matters relating to specific projects or strategies of the NFWB. AECOM understands that this work is on demand as necessary.

This task will be performed solely by AECOM.

Task 5 – Preparation of a Feasibility Report for the Issuance of Bonds

If the Authority issues bonds during the fiscal year, Drescher & Malecki will prepare a feasibility report for inclusion in the Official Statement for debt issuances. The format and content of prior reports will be maintained for consistency and efficiency.

This task will be allocated to Drescher & Malecki with limited review from AECOM.



Mr. Patrick Fama
March 11, 2020

Page 3

Task 6 – Continuing Disclosure

Depending on the timing of bond issuance by the Authority, Drescher & Malecki will prepare an updated annual continuing disclosure report. The format and content of prior reports will be maintained for consistency and efficiency.

This task will be allocated to Drescher & Malecki with limited review from AECOM.

Statement of Qualifications and Project Personnel

AECOM Statement of Qualifications

AECOM (formerly URS Corporation) has been providing engineering services to the Niagara Falls Water Board since its inception. These services are very broad in nature and involve general civil engineering work, architectural services, sewer collection system work, and wastewater treatment plant engineering work. The following projects have been successfully performed and completed for the Water Board on time and on (or under) budget:

- WWTP roof replacement evaluation design and construction phase services,
- WWTP building envelope repairs design and construction phase services,
- Gorge Pumping Station reliability analysis,
- Gorge Pumping station roof replacement design and construction phase services,
- LS-4 roof replacement design and construction phase services,
- WWTP Turbidity Study,
- WWTP Mercury Study,
- Falls Street Tunnel evaluation, design, and construction phase services,
- Contract 62A emergency repairs evaluation, design, and construction phase services,
- Iroquois Street Sewer evaluation, design, and construction phase services,
- 2011 – 2016 Consulting Engineer/Rate Consultant Services (Annual Contract)
- 2015 LaSalle Sewer System Infiltration Abatement evaluation, design, and construction phase services,
- 2016/2017 LaSalle Sewer System Infiltration Abatement evaluation, design, and construction phase services, and
- Assistance with the July 29, 2017 incident.

We think our history of successful projects performed for the NFWB speaks well to our ability to provide first rate engineering services at a fair cost to the Water Board.

AECOM Project Personnel

John Goeddertz, Ph.D., Project Manager John Goeddertz, Ph.D. will serve as the overall project manager and principal client contact for this project. Dr. Goeddertz has successfully performed many prior projects for the Water Board and its predecessor, the City of Niagara Falls. Considering Dr. Goeddertz's proven track record with the Water Board, the Water Board can be



Mr. Patrick Fama

March 11, 2020

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assured that the work will be done to the NFWB's complete satisfaction.

Jeffrey Tudini, Jordan Radomski Project Engineers Mr. Tudini and Mr. Radomski have experience in a variety of civil engineering tasks that have included the evaluation, design, and construction of water/wastewater infrastructure. Mr. Tudini and/or Mr. Radomski will work as project engineers on miscellaneous technical tasks that may arise through this project (Task 4).

Drescher and Malecki LLP Statement of Qualifications

Recognizing the need for an accounting alternative that services the unique needs of municipal entities, Drescher & Malecki LLP was created as a partnership in 2004. Drescher & Malecki LLP exclusively serves municipal and not-for-profit entities. This specialization means that our professionals are exposed to municipalities year round. The Water Board can be assured that all of our staff are experienced in the public sector environment in which the Water Board operates.

Our goal is to ensure that you are receiving relevant and reliable consultation in compliance with all requirements. Independence, objectivity, and integrity are fundamental traits of our people and our firm. Located in Cheektowaga, New York, our staff, currently numbering over twenty-five full-time Municipal Specialists, is consistently growing both in number and expertise of the municipal environment. Presently Drescher & Malecki perform services for over 75 municipal entities. In addition to our staffs' significant experience, training is part of our firm's overall Continuing Professional Education ("CPE") program. Drescher & Malecki LLP's CPE requirements comply with the AICPA Division for CPA firms. All professional staff, including partners, have a minimum of 40 hours of qualifying CPE each calendar year and at least 120 hours for each three-year period. All staff assigned to your project exceed the mandated CPE required hours. Further, most of these hours are in governmental accounting and auditing as outlined in the G.A.O.'s Yellow Book.

We have significant experience in municipal accounting and in providing services relating to tax impact studies, capital project management, ad valorem budget assistance, forecasting models, departmental mergers/efficiencies, investment alternatives, strategic planning, organizational development, financial feasibility analysis, as well as other assistance and advice.

Drescher & Malecki will provide you with significant resources to meet the growing challenges of the dynamic reporting environment that you face. Our vast knowledge and understanding of Generally Accepted Auditing Standards ("GAAS"), OMB Circular A-133, Governmental Accounting Standards Board ("GASB") standards, and State and Federal rules and regulations affecting the Authority are unparalleled.



Mr. Patrick Fama
March 11, 2020

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Drescher & Malecki LLP Project Personnel

Matthew Montalbo, CPA, Engagement Partner Matthew Montalbo, CPA, a partner at Drescher & Malecki, will serve as the client contact for the financial scope of the project. Mr. Montalbo has 11 years of public accounting experience and served in this role during the 2015 execution of the CE/RC project. Mr. Montalbo will direct Drescher & Malecki, LLP personnel assigned to the project and will be Drescher & Malecki's primary contact person.

Charles Trottier, CPA, Senior Auditor Mr. Trottier has five years of experience with Drescher & Malecki, LLP and has worked on multiple projects and facets of auditing, including financial analysis and projecting costs. Mr. Trottier also has a vast knowledge of governmental standards and principles.

Nick Patrick, CPA, In-Charge Auditor Mr. Patrick will analyze the financial data and prepare financial projections and reports.

Fees and Expenses

The time and materials not-to-exceed project budget is presented in the attached Table 1. A task by task breakdown of the project budget is provided for AECOM and Drescher & Malecki. Also included in the table are the proposed hourly billing rates. As always, with a time and materials not-to-exceed budget, if the hours are not used they will not be charged to the Water Board. During execution of the prior years' CE/RC projects, each project was completed under budget.

Assumptions

The following assumptions were made when constructing the project budget:

1. The adequacy of funding will be reviewed on a quarterly basis.
2. The CIP review will occur on an annual basis.
3. AECOM has included mileage costs in our other direct costs. Mileage will be billed at the current IRS rate.
4. AECOM has included a 5% markup on Drescher & Malecki's services.

Work Schedule

The project will occur throughout 2020 and will generally meet the following milestones:

Task 1 – Operating Budget and Rate-Setting

- Fall 2020 - review of 2021 proposed budget.

Task 2 – Financial Services during the Fiscal Year

- Quarterly – Review cash flow.

Task 3 – CIP Development

- As needed throughout year, including updates.



Mr. Patrick Fama

March 11, 2020

Page 6

Task 4 – Engineering Services during the Fiscal Year

- As needed throughout year.

Task 5 – Preparation of Feasibility Report for the Issuance of Bonds

- The feasibility report will be issued as needed if the NFWB elects to issue bonds during the 2020 calendar year.

Task 6 – Continuing Disclosure

- The CDR due date is set by the bonding requirements, and will be complied with.

If the project schedule defined above requires adjustment to meet the needs of the NFWB, the project team will be flexible so that the needs of the NFWB are met.

Thank you for the opportunity to submit this proposal. The team of AECOM and Drescher & Malecki hope to continue to provide rate consultant/consulting engineer services to the Niagara Falls Water Board. If you have any questions as you review this proposal please feel free to contact AECOM.

Sincerely,

AECOM USA, Inc.

A handwritten signature in black ink, appearing to read 'John G. Goeddertz', is written over a light blue horizontal line.

John G. Goeddertz, Ph.D.
Project Manager

A handwritten signature in blue ink, appearing to read 'Thomas M. McPherson', is written over a light blue horizontal line.

Thomas M. McPherson, P.E., VP
Project Principal

Attachments: Table 1 – Project Budget



**Table 1
Project Budget
NFWB 2020 CE/RC Services**

Task	Task Description	Drescher & Malecki			AECOM				TOTAL			
		D&M Labor		D&M Total	AECOM Labor*		Other Direct Costs (Mileage, Subcontractor Markup @)	AECOM Total	Labor		Other Direct Costs	TOTAL
		Hours	Cost		Hours	Cost			Hours	Cost		
1	Operating Budget and Rate-Setting	125	\$12,500	\$12,500	12	\$2,232	\$725	\$2,957	137	\$14,732	\$725	\$15,457
2	Financial Services during the Fiscal Year	75	\$7,500	\$7,500	2	\$372	\$375	\$747	77	\$7,872	\$375	\$8,247
3	CIP Development	0	\$0	\$0	18	\$3,348	\$100	\$3,448	18	\$3,348	\$100	\$3,448
4	Engineering Services during the Fiscal Year	0	\$0	\$0	75	\$9,788	\$175	\$9,963	75	\$9,788	\$175	\$9,963
5	Preparation of a Feasibility Report for the Issuance of Bonds #	30	\$3,000	\$3,000	4	\$744	\$150	\$894	34	\$3,744	\$150	\$3,894
6	Continuing Disclosure #	30	\$3,000	\$3,000	4	\$744	\$150	\$894	34	\$3,744	\$150	\$3,894
TOTAL		260	\$26,000	\$26,000	115	\$17,228	\$1,675	\$18,903	375	\$43,228	\$1,675	\$44,903

D&M Labor Schedule:

Montalbo, Matthew	\$175
Trottier, Charles	\$125
Partick, Nick	\$100
Staff	\$75

AECOM Labor Schedule * :

Goeddertz, John	\$186
Delamere, Ryan	\$75
Radomski, Jordan	\$75

NOTES: # Actual scope will include Task 5 and/or Task 6; depending upon whether the NFWB issues bonds.

* Current rates. Actual rate will be 2.7 times the individual's direct salary.

@ Includes Subcontractor Markup of 5%

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-009

2020 CLARK PATTERSON LEE PROFESSIONAL SERVICES EXTENSION

WHEREAS, the Niagara Falls Water Board is engaged in various ongoing projects requiring engineering and related professional services for which it does not have sufficient internal staff or requires an outside engineering firm; and

WHEREAS, the Water Board previously entered into an agreement with Clark Patterson Lee (“CPL”) to provide consulting engineering and other professional services; and

WHEREAS, the Water Board will continue to need services provided by CPL during the remainder of 2020; and

WHEREAS, in December 2018, the Water Board authorized a total of \$835,000 in funds for CPL’s services during 2019, and in December 2019 approved the use of approximately \$320,000 of those funds which were not used in 2019 for services during 2020; and

WHEREAS, the funds approved for CPL’s services now are exhausted; and

WHEREAS, CPL has presented a proposal dated for services April 1, 2020, proposing a not-to-exceed fee totaling \$840,000 as follows: (1) Task 1, Weekly Assistance, \$172,000; (2) Task 2, Grant Assistance, \$80,000; and (3) Task 3, Capital Projects Management and Assistance, \$588,000;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, the Executive Director is hereby authorized to enter into a professional services agreement with Clark Patterson Lee consistent with the proposal dated April 1, 2020, authorizing payment for fees on a not-to-exceed basis as follows:

General Engineering Task 1 – Weekly Assistance: Not to exceed \$172,000;

General Engineering Task 2 – Grant Assistance: Not to exceed \$80,000;

Capital Projects Management and Assistance: Not to exceed \$588,000;

Total: Not to exceed \$840,000.

AND IT IS FURTHER RESOLVED, that this resolution supersedes all prior resolutions authorizing expenditure of funds for CPL services, and to the extent that previously authorized funds remain, they are to be applied to the not-to-exceed figure above;

AND IT IS FURTHER RESOLVED, that CPL's services shall be performed on an as-needed and non-exclusive basis;

AND IT IS FURTHER RESOLVED, that the funds authorized by this resolution shall be for services in 2020, and any extension of the duration of the agreement with CPL shall be the subject of a further Board resolution.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:

Capital Costs: As per the respective capital project number listed on the CIP

O&M Costs: GA.8110.0001.0451.000

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

April 1, 2020

Acting Chairperson Renae Kimble
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Dear Chairperson Kimble:

We have appreciated the opportunity to work with you over this couple of years. As you are aware, we continue to be involved in the planning and development of several projects and initiatives. To date, we have provided you with a not-to-exceed fee for the past three years, with services provided on an as-needed basis. The specific services and proper mix of personnel has been determined based on a request for assistance, and we have provided periodic accounting of the services rendered and will bill on a monthly basis. We intend for this next year to be in the same format.

We suggest extending the current term agreement approach with a few specific work items, that would be broken out between capital projects and general engineering assistance. We propose to supply support services as follows:

General Engineering - Task 1 – Weekly Assistance: Supply a professional engineer to assist the NFWB in all facets of engineering activities including, but not limited to design, inspection, planning, estimating, budgeting, hydraulic modeling, assistance with repairs and other as needed items not related to capital projects.

General Engineering - Task 2 – Grant assistance: We also anticipate assisting GW & R Services with grant writing. GW & R Services of 1649 Fillmore Avenue, Buffalo New York will be contracted to perform grant writing and related services including assistance on various publications to be produced by the NFWB. He has averaged approximately \$5,400 per month plus expenses over the last year. CPL employee Seth Krull will assist in the grant writing for the NFWB as well.

Capital Projects - Supply professional engineers to assist the NFWB in all facets of engineering activities including, but not limited to design, inspection, planning, estimating, budgeting, and maintaining project schedules. We propose to supply Jay Meyers for onsite needs and daily interaction with staff. Then we will mix in Theodore Donner, along with Steve Tanner, Dave Jaros and Rick Henry as needed for the duration of the contract. We have assumed that under this task we will manage the contracts that were recently awarded for design of the \$27 million of capital work at the wastewater plant to keep it running for the next several years as well as any other capital work that may occur.

We have prepared the following rate schedule for your review. I suggest a not-to-exceed fee of \$840,000 broken down as follows:

General Engineering - Task 1	\$172,000
General Engineering Task 2	\$80,000
Capital Projects Management and Assistance	\$588,000



Total.....\$840,000

We suggest an extension to our existing agreement. We will create two (2) new job numbers so that we can be transparent on the billings.

Thank you for the opportunity to submit our qualifications. I am deeply proud of our ability to provide you with quality service at a fair rate. This is what we do, and we do it well. If you have any questions or require any additional information, please feel free to contact me via email at rhenry@clarkpatterson.com or by phone at 716.852.2100, extension 1048.

Very truly yours,
Clark Patterson Lee

A handwritten signature in blue ink, appearing to read 'Richard B. Henry III'.

Richard B. Henry III, P.E.
Senior Vice President

APPROVING AECOM PROPOSAL FOR CHLORINE DIOXIDE EVALUATION

WHEREAS, the Niagara Falls Water Board (“Water Board”) entered into Consent Order R9-20170906-129 with the New York State Department of Environmental Conservation (“DEC”) dated December 19, 2017 to address water quality concerns related to discharges from the Niagara Falls Wastewater Treatment Plant (the “WWTP”); and

WHEREAS, the Consent Order at Schedule A, Item No. 10, requires the Water Board to “[e]valuate and provide a work plan and approvable schedule to conduct a pilot study to add oxidizer to carbon filter influent and backwash water to determine if sulfide generation in the carbon filters can be reduced or prevented” and to “begin implementing the pilot study within 30 days of receiving approval from the Department”; and

WHEREAS, the Water Board contracted with AECOM to complete a portion of the required oxidizer study using sodium hypochlorite (NaOCl); and

WHEREAS, the DEC is requiring that additional testing be conducted using chlorine dioxide (ClO₂) as the oxidant; and

WHEREAS, given the significant cost and operational challenges associated with a full-scale test of ClO₂ as an oxidant, DEC has agreed in principal to a work plan that will involve the installation and operation of pilot-scale carbon columns together with testing and reporting as required to evaluate the effectiveness of ClO₂; and

WHEREAS, AECOM prepared the necessary work plan using unexpended funds from the chemical evaluation work previously approved by the Water Board that was completed under budget; and

WHEREAS, AECOM has prepared a proposal dated April 29, 2020 to conduct the work necessary to complete the ClO₂ study to the DEC’s requirements, including pilot construction and setup, pilot operations, and preparation of the necessary technical memorandum evaluating the results of the pilot-scale testing; and

WHEREAS, the ClO₂ evaluation will require the construction of the pilot-scale carbon columns and other work that AECOM proposes be completed in part using Water Board employees in order to reduce the overall cost of the project; and

WHEREAS, AECOM has proposed to complete its work on the construction, operation, and evaluation of the pilot testing for a not-to-exceed fee of \$195,200; and

WHEREAS, AECOM has been providing engineering services related to chemical evaluations, permitting, process optimization, and design at the WWTP for several years and has the knowledge and expertise required to complete the project within timeframes acceptable to the DEC;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the Executive Director to accept AECOM's April 29, 2020 proposal to complete chlorine dioxide testing at the wastewater treatment plant using pilot-scale carbon columns, and to enter into an agreement with AECOM in a form acceptable to General Counsel to perform that work.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Consent Order Item No. 10

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

April 29, 2020

Mr. Patrick Fama
Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Subject: Proposal for NFWB Wastewater Treatment Plant (WWTP) Chlorine Dioxide Testing using Pilot-scale Carbon Columns

Dear Mr. Fama:

Pursuant to our recent communications, AECOM USA Inc. (AECOM) is pleased to submit this proposal to the Niagara Falls Water Board (NFWB) to conduct pilot-scale testing to evaluate chlorine dioxide (ClO₂) addition to granular activated carbon (GAC) columns and review its effectiveness for mitigating sulfide generation in the carbon beds. The contents of this proposal are organized as follows:

- Background Information
- Project Understanding
- Scope of Work
- Project Team
- Project Schedule
- Project Budget
- Attachment A – Compensation Schedule

Background

The NFWB operates a physical/chemical primary treatment wastewater plant with GAC filters for secondary treatment. The GAC filters are designed to treat organic and inorganic constituents that are in the WWTP State Pollutant Discharge Elimination Systems (SPDES) permit. The GAC filters operate as an anoxic environment that is believed to support a sulfate reducing bacteria community. The bacteria are reducing a portion of the wastewater sulfate to sulfide and generating elevated sulfide concentrations in the carbon bed effluent (CBE). This process is most prevalent in the warmer/summer seasons when wastewater temperatures are 60 degrees Fahrenheit or greater.

In 2018, the NFWB received an Order on Consent R9-20170906-129 (Consent Order) per Schedule A Items 10 of the Consent Order that required the evaluation and testing of oxidant addition to the GAC filter(s). The text of this item in the consent order reads as follows:

10. Evaluate and provide a work plan and approvable schedule to conduct a pilot study to add oxidizer to carbon filter influent and backwash water to determine if sulfide generation in the carbon filters can be reduced or prevented. As part of the study, review the plant's previous use of sodium nitrate as an oxidizer. Respondent shall begin implementing the pilot study within 30 days of receiving approval from the Department.	EDO+6 months
--	-----------------

A work plan was developed for this Consent Order Item and testing was conducted in the winter and summer months of 2019. Testing included adding approximately 12.5 to 15 percent sodium hypochlorite (NaOCl) to the primary effluent at the Acid Mix location before discharging to the Intermediate Pumps and testing GAC filter changes and performance. Specifically, the total residual chlorine concentration

(TRC) entering the carbon beds was maintained at approximately 1.0 to 2.0 mg/L. Testing was conducted during the winter and summer season of 2019 and the results were presented to the New York State Department of Environmental Conservation (NYSDEC) on October 9, 2019. The NYSDEC is requiring that additional testing be conducted using ClO_2 as the oxidant dosed to the GAC filter influent. It was determined that for feasibility of testing the use of ClO_2 , pilot scale carbon columns be used to evaluate the effectiveness of this oxidant. This approach provides for a side-by-side comparison of different oxidants limits the impacts to the full-scale treatment system operations.

Project Understanding

The existing WWTP has experienced issues with the GAC filters operating with anoxic conditions that support sulfate reducing bacteria. As a result, the CBE has elevated sulfide concentrations with high chlorine demand that produces a turbid final effluent. Currently, NaOCl is the oxidant being used in full-scale for effluent disinfection and for pre-disinfection of the GAC filters. An initial review of implementing a full-scale test using ClO_2 presents significant cost and change in operations. Thus, a pilot-scale system is being proposed to evaluate how the GAC filters will operate with ClO_2 addition and if/how the CBE is impacted. As requested by the NFWB, AECOM has prepared this proposal for engineering services to setup, operate, and test multiple pilot-scale carbon columns to conduct side-by-side evaluations using NaOCl and ClO_2 as the oxidants dosed to the influent feed to the carbon columns. The pilot systems will be scaled to match the full-scale GAC filter design (i.e., surface loading rates, empty bed contact time, etc.) and operated the same as the full-scale carbon beds (i.e., run times, backwashing sequence, etc.) to generate testing conditions that translate to full-scale operations.

AECOM has been providing engineering services such as alternative evaluations, permitting, process optimization, and design at the NFWB WWTP for many years. Based on our knowledge gained of the WWTP and operations while working at this facility, AECOM is poised to assist with this project.

Scope of Work

To accomplish the objectives of this project, AECOM proposes the following project tasks:

- Task 1 – Testing Work Plan
- Task 2 – Pilot System Construction and Setup
- Task 3 – Pilot Testing
- Task 4 – Prepare Technical Memorandum

The work activities associated with each task are detailed below.

Task 1 – Testing Work Plan

In Task 1, AECOM will develop a work plan that will be submitted to the NYSDEC for approval. The work plan will outline the pilot testing conditions, procedures, the system monitoring and analytical testing protocols. Additionally, the test plan will include the project objectives and approach, define critical success factors for the project, and review the overall project schedule. Given the need to complete this work during the summer season of 2020, this task can be funded with remaining budget in previous Consent Order projects. This approach will expedite the completion of this task to get the work plan submitted and approved by the NYSDEC in early spring/summer so testing can be completed in the summer months.

NFWB Responsibilities

Review the testing work plan for comment and concurrence before submission to the NYSDEC.

Deliverables

- Testing Work Plan

Task 1 Assumptions

- Test plan will be developed using a portion of the remaining budget from other Consent Order tasks. Estimated budget for this task is \$5,800 and will be funded from the Consultant Services Agreement 60578818.
- Most of the system testing can be conducted with onsite testing analytical equipment. The NFWB will provide laboratory space at the WWTP laboratory and allow for the use of wet chemistry testing equipment (i.e., HACH colorimeter DR3900, drying oven, vacuum pump, etc.).
- Some testing analytes such as industrial parameters will need to be tested on a less frequent basis and the NFWB WWTP laboratory personnel will be able to include this testing in their normal testing routine.

Task 2 – Pilot System Setup and Construction

In Task 2, AECOM will procure and setup the pilot-scale carbon columns and ancillary equipment (i.e., feed pumps, backwash pump(s), storage tanks, etc.). Upon receiving approval of the proposed test plan (Task 1) from the NYSDEC, AECOM will begin procuring pilot equipment and constructing the pilot system. Preliminary discussions with the NFWB WWTP maintenance staff have been made regarding their assistance with building the pilot carbon columns. The NFWB WWTP maintenance personnel have indicated that they are willing and able to assist with the construction of the pilot columns with guidance from AECOM. The expectation is to locate the pilot system at the Scum Building so that primary effluent wastewater can be easily accessed for feed to the pilot system. Ideally the pilot system can be located inside the Scum Building, but this will depend on the system size, layout, and timing as it relates with Scum Building construction activities. If necessary, the pilot system can be setup outside and adjacent to the Scum Building.

NFWB Responsibilities

- WWTP maintenance personnel will assist with pilot carbon column construction and setup.
- WWTP maintenance and operation personnel will assist with the collection of used GAC from the full-scale GAC filters to load the pilot columns.

Task 2 Assumptions

- The pilot system can be located inside the Scum Building

Task 2 Deliverables

- None

Task 3 – Pilot Testing

In Task 3, AECOM staff will operate the pilot carbon columns for an estimated period of 2-months. This timeframe was selected somewhat arbitrarily with the expectation that the pilot carbon columns will operate like the full-scale carbon beds (i.e., produce similar effluent quality) within a few days of startup. The pilot system will be operated 5-days per week and over 2-monthes will produce enough data to evaluate the impacts from oxidant addition.

Preliminary planning is for the pilot system to include five (5) carbon columns. One (1) column will not have oxidant dosed to the influent feed to the column. This column will serve as the “baseline” for how the carbon bed will perform without oxidant addition. Four (4) columns, two (2) sets of 2, will operate with oxidant dosing to the influent feed to the columns. Two columns will have NaOCl dosed to the influent feed and added to the backwash water and the other two columns will use ClO₂. Using two columns for each oxidant evaluation will provide for flexibility of operations and testing (i.e., one column with newer carbon and one with older carbon) and performance evaluation with reproducibility of

analytical testing. This setup will allow for the comparison of carbon bed performance with different oxidants and the ability to confirm pilot performance with full-scale operations using NaOCl.

The testing will be conducted Monday through Friday and the columns will be operated with same/similar schedule as the full-scale GAC filters. The full-scale GAC filter bed operating schedule will be confirmed at the start of pilot-testing to verify that system operations are the same. A preliminary review of the current full-scale GAC filter operations indicates that a carbon bed is operated for approximately 4-hours per day. This basis has been used for developing the level of effort for this proposal.

NFWB Responsibilities

- Allow for access to the pilot area.
- Communicate with AECOM pilot operating staff if there are full-scale system operating issues that may impact the primary effluent and testing conditions.

Task 3 Assumptions

- Five (5) pilot carbon columns will be used for oxidant testing.
- Pilot testing will occur over 2-months with operations occurring Monday through Friday.
- Issues with COVID-19 and mandated social distancing will not occur during pilot testing.

Task 3 Deliverables

- Summary tables and supporting data to review as pilot data is gathered.

Task 4 – Pilot Summary

In Task 4, AECOM will prepare a technical memorandum (TM) for the NFWB to document the results of Tasks 1 through 3, the conclusions reached, and the final recommendations. A draft TM will be submitted to the NFWB for review, and a final TM will be prepared upon receipt of comments. This TM will be used to submit the testing results to the NYSDEC and satisfy the Consent Order, Item 10, requirements.

NFWB Responsibilities

- Review the draft TM and provide written comments to AECOM.

Task 4 Assumptions

- None

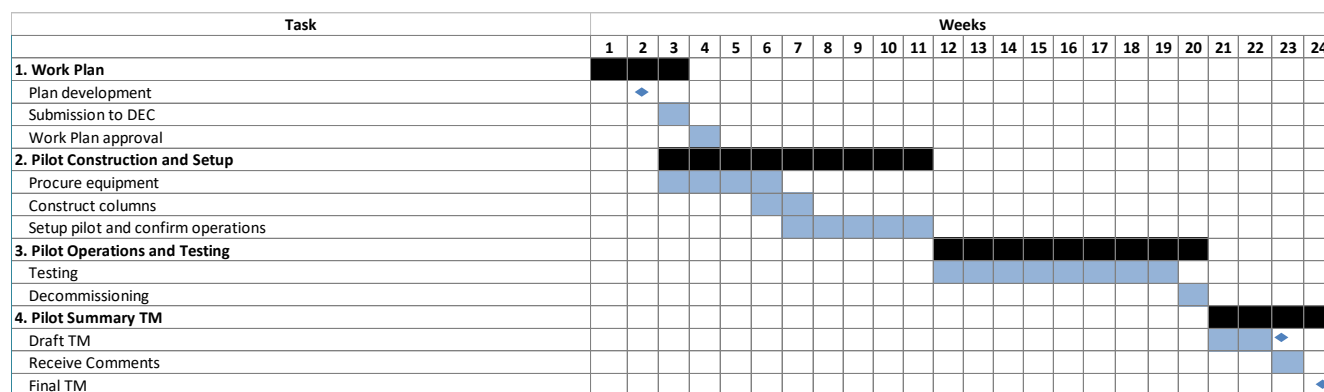
Task 4 Deliverables

- Draft TM (PDF format submitted via email)
- Final TM (PDF format submitted via email)

Project Schedule

AECOM will start developing the pilot testing work plan immediately to meet the required submission due date of April 30, 2020 to the NYSDEC. Upon receipt of written authorization to proceed (i.e., purchase order) with the system construction and operation, AECOM will begin procuring the necessary pilot equipment and coordinate with the WWTP maintenance staff to construct the carbon columns. As shown on Figure 1, we anticipate completion of the draft TM within 18 weeks following construction and startup of the pilot system in Task 2. This assumes there are no significant issues with equipment ordering or pilot operations and testing during Tasks 2 and 3. Assuming a 1-week review and comment period by the NFWB for the draft TM, the final TM should be available by week 24.

FIGURE 1
Project Schedule



Project Budget

Table 1 presents the level of effort and estimated cost to complete the proposed project. We propose that the work be completed on a time and materials basis not to exceed \$195,200. As noted earlier, Task 1 work plan development is not included in this proposal and will be funded from the remaining budget of other Consent Order services. Table 1 shows the proposed level of effort/budget for Task 1, but it is not included in the total proposed budget for this project. AECOM proposes to conduct the services outlined herein in accordance with the Standard Agreement for Professional Services. Due to the highly technical nature of this work and lack of firms able to assist in the construction and operation of the proposed systems, the use of a Minority/Women-owned Business Enterprise (MWBE) is not included in this proposal. Also, the NFWB maintenance personnel will be assisting with pilot-scale carbon column machining and fabrication.

TABLE 1
Estimated Budget

Task	Labor			
	Hours	Cost	Expenses	Total
Task 1 – Work Plan (not included in this project budget)	36	\$5,800	--	\$5,800
Task 2 – Pilot Construction and Setup	218	\$28,000	\$50,000	\$78,000
Task 3 – Pilot Operations	884	\$99,500	--	\$99,500
Task 4 – Prepare Technical Memorandum	124	\$17,700	--	\$17,700
Total	1,266	\$145,200	\$50,000	\$195,200

All project charges will be billed as follows:

- Labor – Direct salary times a 2.7 labor multiplier.
- Other Direct Costs – Cost plus 5 percent (includes mileage at the IRS rate, testing consumables, etc.).
- Subcontractors – Cost plus 5 percent.

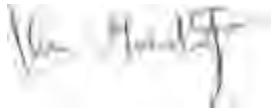
Personnel anticipated to work on this Project and current direct labor rates are listed below

- John Goeddertz Ph.D. Project Manager \$78
- Tom McPherson P.E. Project Principal \$82
- Jeff Tudini Process Engineer \$56
- Casey Blumberg Jr. Engineer \$26

Personnel not listed above may be used depending on their expertise and availability. All project billings will identify the individual working on the project, their title, billing rate, and hours worked listed by week ending date.

If NFWB is in concurrence with the services as proposed, please execute a purchase order, and email an executed copy to my attention at john.goeddertz@aecom.com. We truly appreciate the opportunity to submit this proposal and look forward to working with you and your staff. If you have any questions or concerns, please do not hesitate to contact me at 716-923-1209.

Sincerely yours,
AECOM USA, Inc.



John Goeddertz Ph.D.
Project Manager



Thomas M. McPherson, P.E.
Vice President

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

Niagara Falls Water Board Order on Consent R9-20170906-129



Prepared for Submission to:



**New York State Department of Environmental Conservation Region 9
270 Michigan Avenue
Buffalo, New York 14203**

Prepared By:



**AECOM
257 West Genesee Street Suite 400
Buffalo, New York 14202**

April 30, 2020

Niagara Falls Water Board Order on Consent R9-20170906-129
Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

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Niagara Falls Water Board Order on Consent R9-20170906-129

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

April 30, 2020

1.0 Introduction

This document is a Work Plan required under the Niagara Falls Water Board (NFWB) Order on Consent R9-20170906-129 (Consent Order) per Schedule A Item 10 of the Consent Order. This text of this item in the consent order reads as follows:

10. Evaluate and provide a work plan and approvable schedule to conduct a pilot study to add oxidizer to carbon filter influent and backwash water to determine if sulfide generation in the carbon filters can be reduced or prevented. As part of the study, review the plant's previous use of sodium nitrate as an oxidizer. Respondent shall begin implementing the pilot study within 30 days of receiving approval from the Department. EDO+6 months

This language requires the NFWB to conduct a pilot study to add oxidizer to carbon filter influent and backwash water to determine if sulfide generation in the carbon filters can be reduced or prevented. It also requires a review of the prior use by the wastewater treatment plant (WWTP) of sodium nitrate as an oxidizer (sic - electron acceptor). An evaluation of oxidizers and full-scale addition to the carbon filters was tested at the WWTP in 2019 using a full-scale dosing of 12.5 to 15 percent sodium hypochlorite (NaOCl) to the primary effluent at the Acid Mix Tanks before discharging to the carbon filters via Intermediate Pumps. This testing was conducted as part of the Consent Order, Item 6, 7, and 10 work plan, dated September 19, 2018, that was approved by the New York State Department of Environmental Conservation (NYSDEC). Testing was conducted during the winter and summer season of 2019 and the results were presented to the NYSDEC on October 9, 2019. The NYSDEC is requiring that additional testing be conducted using chlorine dioxide (ClO₂) as the oxidant dosed to the carbon filter influent. For feasibility of testing the use of ClO₂, pilot scale carbon columns will be used to evaluate the effectiveness of this oxidant. Upon approval of the work plan by the NYSDEC the NFWB must implement the study within 30 days.

1.1 Background

The Turbidity Study (URS, 2015) concluded that the NFWB WWTP generates sulfide due to sulfate reduction, and occurs primarily in the carbon filters. When the carbon filter effluent is chlorinated to achieve disinfection, the sulfide is oxidized to elemental sulfur and the effluent takes on a turbid, milky white appearance. The Turbidity Study put forth a number of options to minimize sulfide generation primarily related to solids handling and minimization of hydraulic contact time throughout the treatment plant. These measures have been implemented and have proven to be helpful in optimizing plant performance, but with warmer temperatures (i.e., summer months June through September) sulfide generation continues. Furthermore, the full-scale testing of adding 12.5 percent NaOCl prior to the carbon filter influent as part of the Consent Order, Items 6, 7 and 10 work plan has improved filter operations with extended run times. This operation continues today; however, the practices implemented thus far have not eliminated sulfide formation.

April 30, 2020

Other wastewater treatment plants with similar treatment technology as the NFWB have used pre-chlorination of carbon filter influent to help minimize sulfide formation to varying degrees of success. To date this operation at the NFWB WWTP has improved filter throughput, reduced filter backwash volumes, and presented some improvements to carbon bed effluent (CBE) quality. The full-scale testing of ClO_2 as an alternate oxidant for this application present the following feasibility issues:

- Large quantities needed for testing a single full-scale carbon filter,
- Impacts to the WWTP operations to isolate full-scale carbons filter beds and maintain current NaOCl dosing to the remaining carbon filters,
- Onsite generation of ClO_2 logistics (i.e., use of significant amounts of makeup chemicals – hydrochloric acid, NaOCl, and sodium chlorite), and
- The cost of ClO_2 generation or purchase.

Thus, pilot-scale carbon column systems will be constructed and scaled to match the full-scale GAC filter design (i.e., surface loading rates, empty bed contact time, etc.) and operated the same as the full-scale carbon beds (i.e., run times, backwashing sequence, etc.). This pilot will generate testing conditions that translate to full-scale operations with minimal to no impact to the full-scale WWTP operations (i.e., primary effluent chlorination will continue in the full scale filter operation).

This work plan will define the pilot-scale testing of ClO_2 dosing to the carbon bed influent and backwash water to evaluate its effectiveness at reducing or preventing sulfide formation in the carbon filters. This approach will provide for side-by-side comparison relative to NaOCl dosing in pilot-scale and full-scale. In addition, qualitative parameters can be examined in the pilot-scale that cannot be viewed in the full-scale testing. For example, the appearance of the carbon bed during operations, if/how oxidant changes the bed appearance, and impacts from backwashing with oxidant addition. Because activated carbon has an affinity to adsorb chlorine it is unlikely that chlorine will penetrate the carbon bed at the dosages anticipated to be used. The pilot system will be setup to collect samples along the carbon bed depth to evaluate the extent of oxidant penetration into the carbon bed at various dosing concentrations.

1.2 Oxidizer Selection

For this study, the purpose for oxidizer addition is twofold: to provide a positive oxidation reduction potential (ORP) and to serve as a disinfectant. Both these activities will reduce the potential for sulfate reduction to sulfide, and therefore reduce the potential to generate a turbid effluent following chlorination for disinfection purposes. The oxidizers to be used in this study are not being added to oxidize sulfide to sulfur because that is responsible for creating the turbid effluent.

Sodium hypochlorite was the preferred oxidizer to be used as the oxidant dosed to the carbon filter influent as part of the original Consent Order, Item 6, 7, and 10 evaluation because it is an effective disinfectant, will raise the ORP value, will not promote biological growth via the addition of dissolved oxygen, and is readily available at the facility. Given the benefits gained from full-scale operations using NaOCl, this oxidant will continue in full-scale operations and in pilot-scale testing.

April 30, 2020

Chlorine dioxide use as the carbon bed influent oxidizer present some benefits that differ from NaOCl and can provide for an alternate oxidizer consideration. Specifically, ClO₂ is highly soluble and has been proven at effectively mitigating biofilms most commonly in cooling tower systems. ClO₂ is not widely used in the United States for wastewater disinfection, but there are WWTPs in Europe that use it for disinfection. It is widely used throughout the world for drinking water disinfection. The accessibility of ClO₂ in the estimated quantities needed for use at the NFWB WWTP present some logistical issues such as onsite generation and storage that will need to be considered if pilot-scale testing results show significant improvements to NaOCl.

1.3 Objectives

The primary objective of this proposed pilot—scale carbon filtration pretreatment process is to reduce or prevent bacterial growth and to maintain a positive ORP through the carbon beds to prevent sulfate reduction to sulfide.

Consistent with the requirements of the Consent Order and with a comprehensive evaluation of whether sulfide generation in the carbon filters can be reduced or prevented, the objectives of this study are as follows:

- Comparative testing of NaOCl and ClO₂ pre-chlorination of primary effluent and the respective oxidizer's ability to minimize and/or prevent the formation of sulfide in the carbon filters. Test during the summer season when the carbon filters are known to generate the most effluent sulfide.
- Collect data to quantitatively assess the impact of pre-chlorination and to determine suitable process control parameters.
- Test a range of oxidant dosages and assess relative impacts to the carbon bed performance.
- Qualitatively assess the oxidizer impacts to the activated carbon bed with depth.
- Evaluate carbon filter performance with different carbon ages.

April 30, 2020

2. Proposed Work Plan

This section presents a proposed work plan to achieve the objectives identified in the previous section. As required in the consent order the proposed studies will be conducted at the pilot scale level. Pilot scale studies generally implies that the work will be conducted at the facility using actual facilities or a reasonable facsimile thereof, treating the actual wastewater. The later point, that the studies utilize the actual wastewater is a major reason for conducting the testing at the NFWB WWTP. The primary effluent at the facility is unique in that it is exposed to ferric chloride and polymer addition, along with receiving recycle flows from the plant's gravity thickeners and belt filter presses; all of which can affect the primary effluent quality. Another significant factor that favors conducting the testing at the NFWB WWTP is the nature of the parameters of interest including: chlorine demand, ORP, sulfide oxidation to sulfur, and turbidity. All these parameters are adversely affected by exposure to oxygen and prolonged storage. As much as possible, "real-time" onsite testing will be conducted at the WWTP using the onsite laboratory. Parameters that cannot be tested onsite will be tested at an offsite certified laboratory with appropriate quality assurance and quality control measures.

The pilot carbon columns will be developed using plastic pipe with similar underdrain/gravel systems and proportional carbon and water depths relative to the full-scale carbon beds. Table 1 shows the preliminary pilot-scale carbon column dimensions and feed rates relative to the current full-scale carbon operating conditions.

Table 1
Preliminary Pilot-scale Carbon Column System

Design Parameter	Full-scale	Pilot-scale	Comments
Feed Rate (gpm)	2,600	0.6	Developed from bed dimensions and surface loading rate (SLR)
Bed Dimensions	42-feet x 17-feet	6-inch diameter	
Carbon depth (feet)	6.0 to 6.5	5	Lower depth for pilot to avoid excessively tall columns
SLR (gpm/ft ²)	3.6	3.0	Variable – initial pilot SLR is lower than full-scale to better align empty bed contact time (EBCT) and hydraulic residence time (HRT)
EBCT (minutes)	13	12.5	
HRT (minutes)	29	27	

The pilot system will include five (5) carbon columns. One (1) column will not have oxidant dosed to the influent feed to the column or the backwash water. This column will serve as the "baseline" for how the carbon bed will perform without oxidant addition. Four (4) columns, two (2) sets of 2, will operate with oxidant dosing to the influent feed to the columns. Two columns will have NaOCl dosed to the influent feed and added to the backwash water and the other two columns will use ClO₂. Using two columns for each oxidant evaluation will provide for flexibility of operations and testing (i.e., one column with newer carbon and one with older carbon) and performance evaluation with reproducibility of analytical testing.

Niagara Falls Water Board Order on Consent R9-20170906-129

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

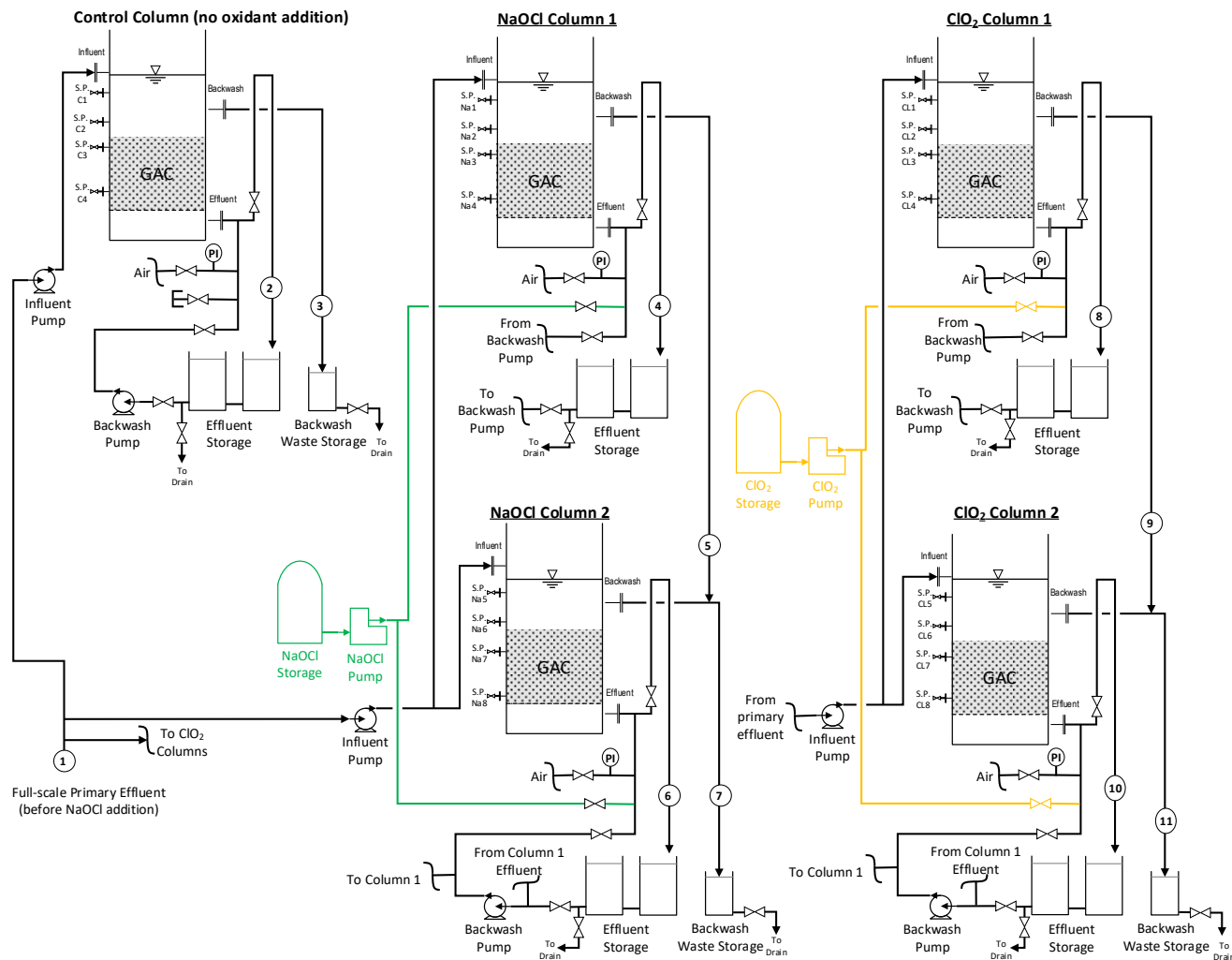
April 30, 2020

This setup will allow for the comparison of carbon bed performance with different oxidants and the ability to confirm pilot performance with full-scale operations using NaOCl. Figure 1 presents a preliminary process flow diagram (PFD) for the carbon column pilot testing system.

The scale of this system allows for more feasible conditions to test ClO₂ using a 'ready-to-use' solution that can be purchased in drum or tote quantities. A range of dosing concentrations will be used during the pilot carbon filter oxidizer testing, but an initial estimate for 'ready-to-use' 0.3 percent ClO₂ solution based on equivalent historical NaOCl dosing is approximately 100 to 150 gallons. NaOCl (approximately 12.5 percent solution) is currently stored in bulk at the WWTP and quantities needed for pilot testing will be safely taken from the onsite bulk storage and used at the pilot. Oxidizer assays will be acquired to verify solution strength and adjust dosing ranges accordingly.

April 30, 2020

Figure 1
Carbon Column Oxidizer Pilot PFD



April 30, 2020

2.1 Proposed Test Matrix

In order to study the effect of oxidant addition (i.e., ClO_2 and NaOCl) to the carbon filters as a means of preventing the formation of sulfide, AECOM will consider several variables and will implement a testing plan to quantify the effectiveness of using either oxidizer. As discussed previously, the testing will consider duplicate filters (two for each oxidant) and will monitor a control filter simultaneously (control filter will not receive sodium hypochlorite to the influent or backwash). Based on previous testing and historical monitoring at the WWTP, this testing will only be conducted during the summer season when wastewater temperatures are near 65 to 70 degrees Fahrenheit and CBE sulfide concentrations are elevated. Analytical data will be collected that examines the primary effluent, the filter influent after chlorination, the filter effluent, and will also collect samples from in-filter water atop the carbon bed and at various depths of the carbon bed. In addition, carbon filter backwash samples will be collected and analyzed. The testing will be conducted for a two-month period, because it is believed that the full impact of the pre-chlorination will take some time to be realized and allows for enough data to evaluate and make conclusions. A two-month period was selected somewhat arbitrarily but is believed to be sufficient. The full impact of the oxidant addition to the carbon columns should be realized in the two-month period. During the testing, oxidant dosage can be varied based upon test results to date. Representative carbon samples (in terms of carbon age) will be collected and used for testing in the pilot columns. The capital project (i.e., Project 4) to change out the carbon of selected full-scale filter beds is currently underway and will allow for 'younger' carbon to be collected and used for this pilot.

The pilot carbon filter columns will be operated on the same schedule as the full-scale carbon filters. Currently, this operation is typically each carbon filter runs for approximately 4-hours per day with backwashing that includes an air-scour before the backwash cycle. Carbon filters remain offline (i.e., idle) for approximately 19-20 hours before they return to service. Table 2 shows the proposed sampling matrix for the 2-month pilot carbon column testing.

Table 2
Carbon Column Oxidant Addition Sampling Matrix

Carbon Column	Oxidant Addition	Carbon Age¹	Test Duration	Monitoring Frequency
Control Column	None	Average	8 weeks	5 times/week
NaOCl Column 1	NaOCl	Younger	8 weeks	5 times/week
NaOCl Column 2	NaOCl	Older	8 weeks	5 times/week
ClO_2 Column 1	ClO_2	Younger	8 weeks	5 times/week
ClO_2 Column 2	ClO_2	Older	8 weeks	5 times/week

Notes:

1. Carbon age will be assessed using data from Capital Project 4:
Average – carbon that is not the oldest or youngest

The carbon filter columns will not be operated during the weekends. This will result in extend idle times that may generate elevated CBE sulfide concentrations at the start of operation on Monday's. An initial

Niagara Falls Water Board Order on Consent R9-20170906-129

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

April 30, 2020

carbon bed backwash or extended run time may be used on Monday's to account for the extended idle times over the weekends. This will be evaluated at the start of pilot testing to determine the best course of action to minimize the potential outlier data from this operation.

Each time the carbon columns that receive oxidant are placed into operation sodium hypochlorite or chlorine dioxide will be administered at the desired rates. Over the eight (8) week test period, filter runs will be monitored by collecting samples five (5) times each week. In addition, all backwash water will be dosed with the respective oxidant and a backwash cycle will be monitored by collecting samples five (5) times each week. During the two (2) month long testing, as data is collected, oxidant dosages used for pre-chlorination, and for backwashing, may be adjusted to satisfy project objectives. Initial dosages will be set to achieve a measurable residual chlorine in the water column atop the activated carbon filter (estimated start point = 2 mg/L total residual chlorine). Depending upon the results achieved, upward or downward adjustments to the chlorine dosage will be performed to attempt to reduce or eliminate sulfide production in the test filters.

The proposed test program should be considered as a starting point. There will be extensive data generated and evaluated throughout the pilot operation. Based upon results received, the plan may be modified as appropriate to meet the project objectives. Similarly, if the project objectives are determined not to be obtainable, then the study may be concluded without completing the entire program. The NYSDEC will be consulted and advised if any significant changes are contemplated.

Carbon filter effluent from the pilot carbon columns will be dosed with respective oxidant to determine the potential for turbidity formation and magnitude of chlorine demand. Although this is somewhat redundant to measuring the filter's effluent sulfide concentration, it will serve as an immediate test to determine if the project objectives are being met.

2.2 Proposed Analytical Testing Plan

The analytical testing that will be performed onsite is identified in Tables 3. Field measurements will be performed for pH, temperature and ORP using a handheld multimeter. Sulfide, total suspended solids (TSS), chemical oxygen demand (COD), chlorine demand, total residual (TRC), and turbidity will be tested onsite with wet chemistry and colorimetric methods. All field testing will be performed by AECOM personnel working in NFWB WWTP facilities.

Niagara Falls Water Board Order on Consent R9-20170906-129

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

April 30, 2020

Table 3
Onsite Analytical Testing Protocol

Parameter	Sample Locations¹ (per carbon Column)	Frequency	Columns Tested	Total Samples²
pH, Temperature, ORP	Five (5): <ul style="list-style-type: none"> • Influent • Water above carbon • Water within carbon column • Effluent • Backwash water 	5 times/week	5	125 per week 1,000 for study
Sulfide	Five (5): <ul style="list-style-type: none"> • Influent • Water above carbon • Water within carbon column • Effluent • Backwash water 	5 times/week	5	125 per week 1,000 for study
TSS	Three (3): <ul style="list-style-type: none"> • Influent • Effluent • Backwash water 	3 times/week	5	45 per week 360 for study
COD	Three (3): <ul style="list-style-type: none"> • Influent • Effluent • Backwash water 	3 times/week	5	45 per week 360 for study
TRC	Four (4): <ul style="list-style-type: none"> • Water above carbon • Water within carbon column • Effluent • Backwash water 	5 times/week	4	80 per week 640 for study
Chlorine Demand	Three (3): <ul style="list-style-type: none"> • Influent • Effluent • Backwash water 	3 times/week	5	45 per week 360 for study
Turbidity	Three (3): <ul style="list-style-type: none"> • Influent • Effluent • Backwash water 	3 times/week	5	45 per week 360 for study

Notes:

¹. Sample locations may change based on testing results and multiple sample locations will be available on the carbon columns. These are preliminary/conservative estimates for sampling locations.

². Pilot study period will be for 2-months (approximately 8-weeks)

April 30, 2020

A contract laboratory will be utilized for parameters that cannot be tested onsite. Table 4 shows the offsite analytical testing protocol.

Table 4
Offsite Analytical Testing Protocol

Parameter	Sample Locations ¹ (per carbon Column)	Frequency	Columns Tested	Total Samples ²
Chlorite	Two (2): • Influent • Effluent	2 times/week	5	20 per week 160 for study
Chlorate	Two (2): • Influent • Effluent	2 times/week	5	20 per week 160 for study
Total Dissolved Solids (TDS)	Two (2): • Influent • Effluent	2 times/week	5	20 per week 160 for study
Biochemical Oxygen Demand (BOD ₅)	Two (2): • Influent • Effluent	1 times/week	5	10 per week 80 for study
Total Organic Carbon (TOC)	Two (2): • Influent • Effluent	1 times/week	5	10 per week 80 for study

Notes:

¹. Sample locations may change based on testing results and multiple sample locations will be available on the carbon columns. These are preliminary/conservative estimates for sampling locations.

². Pilot study period will be for 2-months (approximately 8-weeks)

Additional analytical testing of the pilot systems will be conducted onsite via NFWB WWTP laboratory personnel to evaluate the organic and inorganic parameters that are currently in the WWTP's State Pollutant Discharge Elimination Systems (SPDES) permit (i.e., BHCs, PCBs, mercury, etc.). The testing for these parameters will occur on a less frequent basis and will be coordinated with the WWTP laboratory staff to align with their typical routine for running full-scale testing. This approach should allow for comparative data analyses between the pilot system carbon columns and the full-scale carbon bed performance.

2.6 Equipment Required

To implement this testing program carbon columns will need to be constructed and ancillary pilot equipment (i.e., feed pumps, blower, storage tanks, etc.) will need to be purchased and setup. It is assumed that AECOM will purchase, construct, and setup the pilot systems with the assistance of the NFWB maintenance personnel. Lab supplies and equipment to facilitate sample collection and analysis will be purchased (disposables) or rented (analyzers).

April 30, 2020

2.7 Labor Required

Responsibilities for work plan implementation are anticipated to be as follows:

NFWB –

1. Assist with the construction and setup of the pilot carbon columns.
2. Coordinate with AECOM regarding full-scale WWTP operations and monitoring of the sedimentation basins and filters to verify typical source wastewater for pilot operation and compare performance of the filters.

AECOM –

1. Procure pilot system equipment and develop pilot system design.
2. Coordinate with NFWB to facilitate construction and installation of the pilot carbon columns.
3. Coordinate with NFWB to confirm WWTP operations and monitoring during this study.
4. Operate and monitoring the pilot system
5. Collect samples and conduct onsite analytical testing.
6. Prepare and deliver samples to contract laboratory for parameters that cannot be tested onsite.
7. Prepare written report of project results.

2.8 Project Schedule

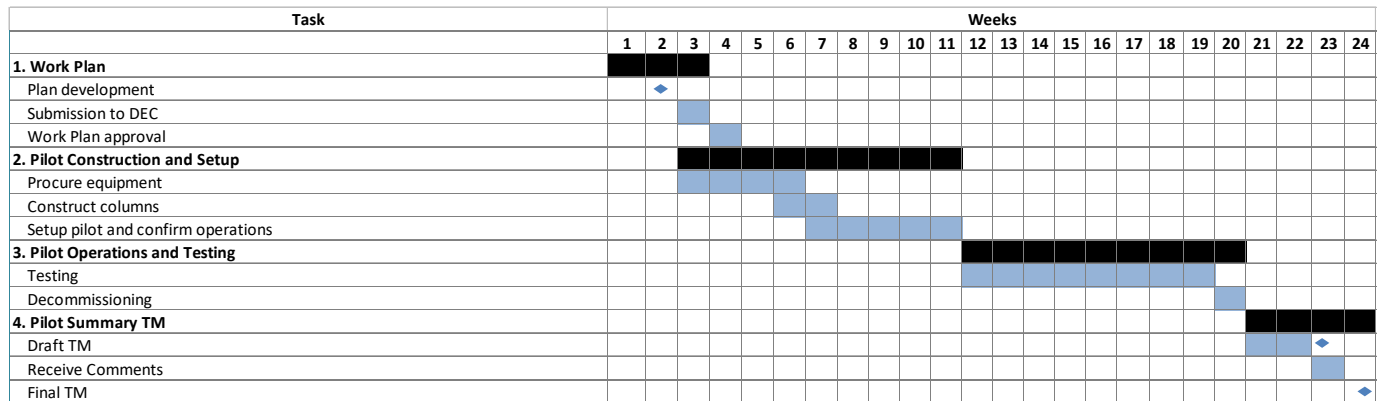
Upon receipt of written approval of this work plan, AECOM and NFWB will proceed with the system construction and pilot system setup. AECOM will begin procuring the necessary pilot equipment and coordinate with the WWTP maintenance staff to construct the carbon columns. As shown on Figure 2, we anticipate completion of the draft TM within 18 weeks following construction and startup of the pilot system in Task 2. This assumes there are no significant issues with equipment ordering or pilot operations and testing during Tasks 2 and 3. Assuming a 1-week review and comment period by the NFWB for the draft TM, the final TM should be available by week 24.

Niagara Falls Water Board Order on Consent R9-20170906-129

Work Plan: Oxidizer Addition to Carbon Filter Influent (Consent Order Item 10)

April 30, 2020

FIGURE 2
Project Schedule



NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-011

ANNUAL CLOUD BACKUP AND STORAGE SERVICES

WHEREAS, the Niagara Falls Water Board utilizes Barracuda backup servers and cloud storage to preserve and protect critical data; and

WHEREAS, the Water Board has received an invoice in the total amount of \$25,347.19 for renewal of these services, including protection of its physical servers with one-day replacement, technical support, and updates; and

WHEREAS, the IT Department requests that the Board authorize funds to pay for said cloud storage and other services;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes payment to Networking Technologies, a Division of Reabah, Inc., the sum of \$25,347.19 for one year of cloud backup storage, software updates, and server replacement protection.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Software Maint./Licenses FA 0446.008

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

QUOTE

Quote #007949
Version: 1

Networking Technologies
300 International Dr Suite 100
Williamsville, NY 14221
716-216-3104
www.net-cloud.com

Prepared For
Niagara Falls Water Board
Dino Vlahopoulos
5815 Buffalo Ave
Niagara Falls, NY 14304
dvlahopoulos@NFWB.org
(716) 283-9770

Barracuda Backup Renewal (SN#s 947831, 958999)

Quote Expiration Date: 12/31/2019

Prepared By
Scott Emser
Phone: 716-216-3104 Ext 303
Email: semser@net-cloud.com

Renewal Term:
12/19/19 - 12/18/20

690 Maintenance Renewal

		Price	Qty	Extended
BBS690a-b	Barracuda Backup Server 690 Unlimited Cloud Storage	\$5,633.10	1	\$5,633.10
BBS690A-E	Barracuda Backup Server 690 Energize Updates	\$2,027.24	1	\$2,027.24
BBS690A-H	Barracuda Backup Server 690 Instant Replacement	\$2,477.98	1	\$2,477.98
690 Maintenance Renewal Subtotal				\$10,138.32

790 Maintenance Renewal

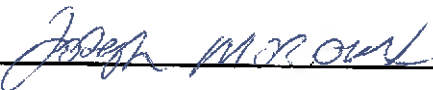
		Price	Qty	Extended
BBS790a-b	Barracuda Backup Server 790 Unlimited Cloud Storage	\$8,450.11	1	\$8,450.11
BBS790a-e	Barracuda Backup Server 790 Energize Updates	\$3,041.33	1	\$3,041.33
BBS790a-h	Barracuda Backup Server 790 Instant Replacement	\$3,717.43	1	\$3,717.43
790 Maintenance Renewal Subtotal				\$15,208.87

Recap

	Amount
690 Maintenance Renewal	\$10,138.32
790 Maintenance Renewal	\$15,208.87
Total	\$25,347.19

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Signature



Date

3-5-2020

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-012

**AWARD BID FOR 15 INCH COMBINED SEWER
REPAIR PROJECT NEAR 1340 MICHIGAN AVENUE**

WHEREAS, the Niagara Falls Water Board (“Water Board”) identified a need to repair a section of 15-inch combined sewer in the right-of-way near 1340 Michigan Avenue; and

WHEREAS, on behalf of the Water Board, the City of Niagara Falls Engineering Department prepared specifications and solicited bids for the combined sewer repair; and

WHEREAS, the bids received have been reviewed and tabulated; and

WHEREAS, the verified and qualified low bidder for the project is Pinto Construction Services, Inc., with a total base bid item price of \$37,616;

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Pinto Construction Services, Inc., for the repair of a 15-inch combined sewer near 1340 Michigan Avenue, for a total amount not to exceed the bid of \$37,616.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plant Item S-8, Sewer/GPS Infrastructure Projects - Miscellaneous

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



City of Niagara Falls, New York

P.O. Box 69, Niagara Falls, NY 14302-0069

ENGINEERING DEPARTMENT

April 3, 2020

Niagara Falls Water Board

Mayor Michael C. O'Laughlin
Niagara Falls Water Treatment Facility
5815 Buffalo Avenue
Niagara Falls, New York 14304

Attention: Mr. Patrick Fama
Executive Director

Mr. Fama:

Attached to this brief letter please find the standard City of Niagara Falls Bid Security Information and the Bid Tabulation Summary Sheets for the following project:

15" DIA. COMBINED SEWER REPAIR PROJECT 1340 MICHIGAN AVENUE

Arithmetical and typographical errors (if any) have been corrected and the entire package is offered for your continued review, reference, and ultimate contract award. The verified and qualified low bidder for this project is:

**PINTO CONSTRUCTION SERVICES, INC.
132 DINGENS STREET
BUFFALO, NEW YORK 14206**

at the total base bid item price of: **\$ 37,616.00**

Please contact me at your convenience if questions arise or additional clarification is deemed necessary.

Sincerely,

John Gerlach, P.E.
City Engineer

attachments (2)

cc: file

**CONTRACT: 15" COMBINED SEWER REPAIR PROJECT
1340 MICHIGAN AVENUE**

BID OPENING: April 3, 2020

TIME: 2:00 P.M.

SHEET 01 OF 01

BID SECURITY: - N.A. -

				PINTO CONSTRUCTION SERVICES, INC.		MARK CERRONE, INC.				4TH GENERATION CONSTRUCTION, INC.	
#	BID ITEM	QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1A	NEW 15" DIA. SDR 35 PVC SEWER PIPE	20	L.F.	760.00	15,200.00	160.00	3,200.00			990.00	19,800.00
1B	NEW 6" DIA. SDR 35 PVC SEWER PIPE	20	L.F.	525.00	10,500.00	40.00	800.00			100.00	2,000.00
2	PAVEMENT SAWCUTTING	60	L.F.	12.00	720.00	20.00	1,200.00			10.00	600.00
3	EXISTING MANHOLE ALTERATIONS	NIC	EA.				0.00				
4	SUBBASE COURSE TYPE 2 STONE (8" THK.)	25	S.Y.	50.00	1,250.00	35.00	875.00			20.00	500.00
5	PORTLAND CEMENT CONCRETE BASE COURSE CLASS "F" (8" THK.)	25	S.Y.	100.00	2,500.00	125.00	3,125.00			20.00	500.00
6	ASPHALT CONCRETE BINDER COURSE - TYPE 3 (2" THK.)	25	S.Y.	62.00	1,550.00	88.00	2,200.00			20.00	500.00
7	ASPHALT CONCRETE TOP COURSE - TYPE 7 (1-1/2" THK.)	25	S.Y.	58.00	1,450.00	52.00	1,300.00			20.00	500.00
8	TEMPORARY BYPASS PUMPING	NIC	DAYS								
12	MAINTENANCE AND PROTECTION OF TRAFFIC	1	L.S.	3,000.00	3,000.00	24,700.00	24,700.00			20,000.00	20,000.00
13	MOBILIZATION	1	L.S.	1,446.00	1,446.00	1,450.00	1,450.00			1,000.00	1,000.00

★ - FIGURE ADJUSTED TO ARITHMETICALLY-CORRECT DOLLAR AMOUNT

\$37,616.00

1

\$38,850.00

2

\$45,400.00

3

15" COMBINED SEWER REPAIR PROJECT - 1340 MICHIGAN AVE.
BID SECURITY - CERTIFIED CHECK/BID BOND

BID OPENING: APRIL 3, 2020

BID SECURITY - 5%

TIME: 2:00P.M.

DATE	CONTRACTOR	ADDRESS	BANK/COMPANY	CHECK #	AMOUNT	RETURNED
03 APR 20	McA	2308 Maryland Mchenry 14305	HANOVER	→	5%	
	PINTO	1324 WINDONS Buffalo 14206	AEGIS	→	5%	
9	4 TH GENERATION	5050 SIMMONS Mchenry 14304	OLD REPUBLIC INSURANCE CO.	→	5%	

03
APR
20

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-013

**AWARD BID FOR 24 INCH VALVE REPLACEMENT
AT HYDE PARK BOULEVARD AND WESTON AVENUE**

WHEREAS, the Niagara Falls Water Board (“Water Board”) identified a need to replace a 24-inch water main valve at Hyde Park Boulevard and Weston Avenue; and

WHEREAS, on behalf of the Water Board, the City of Niagara Falls Engineering Department prepared specifications and solicited bids for the valve replacement; and

WHEREAS, the bids received have been reviewed and tabulated; and

WHEREAS, the verified and qualified low bidder for the project is Pinto Construction Services, Inc., with a total base bid item price of \$38,503;

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Pinto Construction Services, Inc., for the replacement of a 24-inch water main valve at Hyde Park Boulevard and Weston Avenue, for a total amount not to exceed the bid of \$38,503.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plant Item W-3, Large Valve Replacement

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



City of Niagara Falls, New York

P.O. Box 69, Niagara Falls, NY 14302-0069

ENGINEERING DEPARTMENT

April 3, 2020

Niagara Falls Water Board

Mayor Michael C. O'Laughlin
Niagara Falls Water Treatment Facility
5815 Buffalo Avenue
Niagara Falls, New York 14304

Attention: Mr. Patrick Fama
Executive Director

Mr. Fama:

Attached to this brief letter please find the standard City of Niagara Falls Bid Security Information and the Bid Tabulation Summary Sheets for the following project:

24" VALVE REPLACEMENT PROJECT HYDE PARK BOULEVARD and WESTON AVENUE

Arithmetical and typographical errors (if any) have been corrected and the entire package is offered for your continued review, reference, and ultimate contract award. The verified and qualified low bidder for this project is:

**PINTO CONSTRUCTION SERVICES, INC.
132 DINGENS STREET
BUFFALO, NEW YORK 14206**

at the total base bid item price of: **\$ 38,503.00**

Please contact me at your convenience if questions arise or additional clarification is deemed necessary.

Sincerely,

John Gerlach, P.E.
City Engineer

attachments (2)

cc: file

**CONTRACT: 24" VALVE REPLACEMENT PROJECT
HYDE PARK BOULEVARD and WESTON AVENUE**

BID OPENING: APRIL 3, 2020, 3:00PM

SHEET 01 OF 01

BID SECURITY: 5%

				4TH GENERATION CONSTRUCTION, INC.		MARK CERRONE INC.		PINTO CONSTRUCTION SERVICES			
#	BID ITEM	QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	NEW 24" DIA. WATER VALVE ASSEMBLY	1	EA.	35,000.00	35,000.00	43,000.00	43,000.00	28,613.00	28,613.00		
2	SUBBASE COURSE - TYPE 2 STONE (12" Compacted Thickness)	10	S.Y.	60.00	600.00	70.00	700.00	116.00	1,160.00		
3	PORTLAND CEMENT CONCRETE BASE COURSE (8" Compacted Thickness)	10	S.Y.	60.00	600.00	110.00	1,100.00	170.00	1,700.00		
4	ASPHALT CONCRETE BINDER COURSE - TYPE 3 (2" Compacted Thickness)	10	S.Y.	60.00	600.00	30.00	300.00	145.00	1,450.00		
5	ASPHALT CONCRETE TOP COURSE - TYPE 7 (1-1/2" Compacted Thickness)	10	S.Y.	60.00	600.00	26.00	260.00	110.00	1,100.00		
6	MAINTENANCE & PROTECTION OF TRAFFIC	1	LS	10,000.00	10,000.00	14,250.00	14,250.00	3,000.00	3,000.00		
7	MOBILIZATION	1	LS	1,000.00	1,000.00	2,200.00	2,200.00	1,480.00	1,480.00		
				\$48,400.00		\$61,810.00		\$38,503.00			
				2		3		1			

TIME: 3:00P.M.

NFWB Agenda Packet May 2020 Page 191

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-014

**APPROVING ZERO COST CHANGE ORDER
FOR EMERGENCY REPAIR CONTRACT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) awarded an emergency repair contract in January 2018, and that award was based on bid prices for estimated quantities of various materials and services; and

WHEREAS, the actual need for certain bid items has exceeded the estimated quantities upon which the contract award was based, but other bid items have not been used in the estimated quantities; and

WHEREAS, the result of this is that by adjusting the bid item quantities through a change order, the funds appropriated for the emergency repair contract are sufficient to pay for the work performed under the emergency repair contract without requiring an additional appropriation of funds; and

WHEREAS, City Engineering recommends the approval of \$0.00 change order as described above;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby approves a \$0.00 change order to the 2018-2020 indefinite delivery/indefinite quantity emergency repair contract in order to adjust the estimated bid item quantities to match actual contract usage.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CPO18-00046MCE

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



February 20, 2020

TO: Niagara Falls Water Board

FROM: Patrick Fama - Executive Director
John Gerlach, P.E. - City Engineer

SUBJECT: **2018-2020 I.D.I.Q. Emergency Repair Contract - Change Order #3/FINAL (\$0.00)**
September 2019 thru January 2020
- Niagara Falls Boulevard 20" Water Main Repair (Start Date: October 1, 2019)
- WWTP Depression Restoration (Start Date: November 1, 2019)

A contract for the Niagara Falls Water Board's 2018-2020 I.D.I.Q. Emergency Repair Contract was awarded to Mark Cerrone, Inc., 2368 Maryland Avenue, Niagara Falls, New York in the amount of \$1,979,128.00.

Subsequent to the start of the I.D.I.Q. Contract, two individual repair projects throughout the contract's last and final quarter have resulted in several bid items significantly exceeding their original quantity estimates. However, existing underruns elsewhere in the contract will allow for complete payment on **all** exceeded bid quantities without the allotment of any additional funds (i.e. \$0.00 change order on contract)

It is the recommendation of the undersigned that the Niagara Falls Water Board allow for payment of the additional quantities referred to above via a no dollar change to the contract in a form acceptable to the Board's legal counsel.

Respectfully submitted,

Patrick Fama - Executive Director


John Gerlach, P.E. - City Engineer

Meeting: February 24, 2020

Forster _____ Kimble _____ Larkin _____ Leffler _____ Brown _____

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-015

**AWARD OF BID FOR WATER AND SEWER
CONSTRUCTION AND REPAIR MATERIALS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) maintains an extensive system of water and sewer facilities and appurtenant structures that from time to time require repair, reconstruction, or expansion through construction; and

WHEREAS, Water Board staff worked with City of Niagara Falls Purchasing to develop a list of 222 different items commonly used by the Water Board for water and sewer construction and repairs, such as pipe of different materials and sizes, fittings, manhole components, catch basins, fire hydrants, etc.; and

WHEREAS, City of Niagara Falls Purchasing put the list of items out to bid in a manner that permits the award of the bid for each item to separate vendors, and City of Niagara Falls Purchasing has tabulated the results and Water Board staff recommends the award of the bid for each item as indicated in the attached memorandum dated April 15, 2020;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board awards the bid for the water and sewer construction and repair materials as set forth in the April 15, 2020 memorandum that is attached to and incorporated herein, the Executive Director hereby is authorized to execute any documents required to award the bid, and budgeted purchases may be made from the vendors awarded the bid.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director

Superintendent

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:

Water Construction FA.8340.0200.0419.006

Sewer Construction FA.8120.4900.0419.006

Undesignated Supplies Water FA.8340.0200.0419.599

Undesignated Supplies Sewer GA.8120.4900.0419.599

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Rena Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



TO: The Niagara Falls Water Board

FROM: Patrick Fama
Executive Director

DATE: April 15, 2020

SUBJECT: Bid #W2020-02 Water and Sewer Construction and Repair Materials

We respectfully request you award the above referenced bid per the enclosed tally sheet as follows:

TO: Lock City Supply, Incorporated
650 West Avenue, P.O. Box 481
Lockport, New York 14095-0481

FOR: Item Numbers 2-4, 15, 16, 26 – 62, 67 – 70, 88, 90 – 108, 121 – 132, 156, 157, 159, 160, 163 – 166, 178 – 180 and 187 – 194.

TO: EJ Prescott, Incorporated
200 Lake Avenue
Blasdell, New York 14219

FOR: Items Numbers 7 – 14, 17 – 25, 63 – 66, 71 – 76, 89, 109 – 120, 145 – 152, 158, 161, 162 and 167 – 177.

TO: Core & Main, LP
1220 Brighton-Henrietta Trail Road
Rochester, New York 14623

FOR: Item Numbers 1, 5, 6, 77 - 81, 153, 155, 181 – 186 and 195 - 215.

TO: K & S Contractor Supply, Incorporated
1971 Gunnville Road
Lancaster, New York 14086

FOR: Item Numbers 82 – 87 and 133 – 144.

TO: Ti Sales, Incorporated
36 Hudson Road (Rte 27)
Sudbury, Massachusetts 01776

FOR: Item Number 154.

BROWN _____ FORSTER _____ LARKIN _____ LEFFLER _____ KIMBLE _____

5815 Buffalo Avenue • Niagara Falls, New York 14304 • 716 283-9770 • FAX 716 283-9748

www.nfwb.org

All items to be awarded with the exception of Item #89 and the Corporation Stops (Items 153 through 162) were awarded in groups to one vendor in accordance with Paragraph 15 of the Bid Specifications to ensure product compatibility and efficiency. Item #89 had only one vendor offer a price, so that vendor is to be awarded the bid for that item. The Corporation Stops are to be awarded individually by number to the lowest priced vendor as they are compatible products and therefore the lowest price should be accepted for each item.

Additionally, please note that Items 216 through 222 are not being awarded at this time, and may be re-bid in the future if the need arises.


The Purchasing Agent certifies that all bids were solicited in accordance with Section 103 of the General Municipal Law.

Notice that bids were to be received was advertised in the Niagara Gazette and bid requests were sent to fourteen (14) vendors. Six (6) bids were received. The above referenced vendors submitted the lowest bids to meet the specifications for each respective item.

Funds for this expenditure are available as needed in the Outside Water budget code.

Respectfully submitted,

Patrick Fama
Executive Director



Douglas A. Janese, Jr.
Purchasing Agent

DAJ: lkh
Attachment/Enclosure

BROWN ____ **FORSTER** ____ **LARKIN** ____ **LEFFLER** ____ **KIMBLE** ____

OFFICIAL TALLY SHEET
WATER AND SEWER CONSTRUCTION
AND REPAIR MATERIALS
BID #W2020-02

Lock City Supply, Inc.
650 West Ave / PO Box 481
Lockport, NY 14095

Ti Sales, Inc.
36 Hudson Road (Rte 27)
Sudbury, MA 01776

EJ USA, Incorporated
301 C Spring St. PO Box
439
East Jordan, MI 49727-0439

K & S Contractors Supply,
Incorporated
1971 Gunville Road
Lancaster, NY 14086

EJ Prescott, Incorporated
200 Lake Avenue
Blasdell, NY 14219

ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
MUELLER OR KENNEDY HYDRANT INSERTS (SCREW IN TYPE TO REPLACE WOODS-MATTHEWS) WILL BE ORDERED IN MINIMUM QUANTITIES OF FIVE (5) UNITS								
1	5	EA.	5 FT.	NO BID	NO BID	NO BID	2571.50	NO BID
STANDARD BURY FIRE HYDRANTS (MUELLER CENTURION KENNEDY GUARDIAN)								
2	5	EA.	4 FT. Bury	2148.00	NO BID	NO BID	2220.50	NO BID
3	15	EA.	5 FT. Bury	2245.00	NO BID	NO BID	2322.50	NO BID
4	5	EA.	6 FT. Bury	2390.00	NO BID	NO BID	2424.50	NO BID
BREAKAWAY KITS								
5	15	EA.	Breakaway Kits for Kennedy Guardian:	176.00	NO BID	NO BID	144.63	NO BID
6	15	EA.	Breakaway Kits for Mueller Centurion:	176.00	NO BID	NO BID	NO BID	NO BID
CAST IRON CURB & VALVE BOX PARTS, ALL SCREW TYPE VALVE AND CURB BOXES SHALL BE AS MANUFACTURED BY BIBBY-ST. CROIX FOUNDRIES, INC. OR EQUIVALENT COVERS SHALL BE CAST WITH "WATER" LABEL ON TOP VALVE ROAD BOXES:								
7	20	EA.	Bases-14 3/8" base, 8 1/4" top, 12 3/8" high	49.53	NO BID	NO BID	52.41	¹⁹ 32.50
8	20	EA.	Top Section 26"	51.92	NO BID	NO BID	54.94	¹⁹ 30.50
9	20	EA.	Top Sections 17"	32.63	NO BID	NO BID	34.54	¹⁹ 18.75
10	20	EA.	Bottom Sections 30"	42.69	NO BID	NO BID	45.48	¹⁹ 31.25
11	20	EA.	Bottom Sections 24"	40.36	NO BID	NO BID	41.76	¹⁹ 29.50
12	20	EA.	Bottom Sections 16"	NO BID	NO BID	NO BID	36.52	¹⁹ 27.50
13	30	EA.	Shaft Extensions 26"	47.02	NO BID	NO BID	45.18	¹⁹ 23.75
14	30	EA.	Shaft Extensions 16"	NO BID	NO BID	NO BID	38.82	¹⁹ 20.00

OFFICIAL TALLY SHEET WATER AND SEWER CONSTRUCTION AND REPAIR MATERIALS BID #W2020-02				Lock City Supply, Inc. 650 West Ave / PO Box 481 Lockport, NY 14095	Ti Sales, Inc. 36 Hudson Road (Rte 27) Sudbury, MA 01776	EJ USA, Incorporated 301 C Spring St. PO Box 439 East Jordan, MI 49727-0439	K & S Contractors Supply, Incorporated 1971 Gunnville Road Lancaster, NY 14086	EJ Prescott, Incorporated 200 Lake Avenue Blasdell, NY 14219
ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
VALVE BOX HEIGHT ADAPTERS (FOR ADJUSTING BOXES TO PAVEMENT LEVEL)								
15	50	EA.	Slide-Type, Adjustment Range 2-1/2" to 8" 10-3/4" Height, 4-3/8" inner diameter	32.68	NO BID	NO BID	¹² 42.58	²⁰ 41.50
16	50	EA.	Screw-Type, Adjustment Range 2-1/2" to 8" 16-1/2" Height, 5-1/4" inner diameter	42.05	NO BID	NO BID	¹² 42.68	²⁰ 41.75
VALVE BOX REGULATOR COVERS 5-1/4"								
17	40	EA.	(MARKED WATER)	13.81	NO BID	NO BID	16.84	²¹ 7.50
CURB BOXES								
18	25	EA.	Bottom 33"	32.24	NO BID	NO BID	34.12	²¹ 15.75
19	25	EA.	Bottom 24"	32.95	NO BID	NO BID	34.87	²¹ 13.75
20	25	EA.	Top Section w/Cover 16"	NO BID	NO BID	NO BID	¹³ *28.40 *	²¹ 13.50
21	25	EA.	Top Section w/Cover 24"	27.51	NO BID	NO BID	29.11	²¹ 17.00
22	25	EA.	Extension 9"	18.82	NO BID	NO BID	19.92	²¹ 8.75
23	25	EA.	Extension 16"	18.70	NO BID	NO BID	20.40	²¹ 10.00
24	50	EA.	Old Style Repair Lid (Outside Lip)	9.02	NO BID	NO BID	40.53	²¹ 7.65
25	50	EA.	New Style Repair Lid (Inside Lip)	9.02	NO BID	NO BID	30.07	²¹ 7.65
CAST IRON VALVE ROAD BOX RISERS								
26	30	EA.	1"	6.00	NO BID	NO BID	23.07	²¹ 14.75
27	15	EA.	2"	7.80	NO BID	NO BID	26.69	²¹ 15.50
28	10	EA.	4"	12.00	NO BID	NO BID	31.54	²¹ 20.50
29	10	EA.	6"	18.00	NO BID	NO BID	44.62	²¹ 22.50
DUCTILE IRON PIPE - ANSI/AWWA C151/A21.51 CLASS 52 STANDARD 18'- 20' LENGTHS - PUSH-ON JOINT								
30	95	FEET	4"	21.51	NO BID	NO BID	NO BID	²² *24.00*
31	190	FEET	6"	16.54	NO BID	NO BID	NO BID	²² *18.10*
32	95	FEET	8"	23.33	NO BID	NO BID	NO BID	²² *25.50*
33	95	FEET	10"	30.58	NO BID	NO BID	NO BID	²² *33.25*

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
DUCTILE IRON PIPE - ANSI/AWWA C151/A21.51 CLASS 52 CONTINUED								
STANDARD 18'- 20' LENGTHS - PUSH-ON JOINT								
34	120	FEET	12"	38.50	NO BID	NO BID	NO BID	²² *41.50*
35	40	FEET	16"	55.72	NO BID	NO BID	NO BID	²² *60.00*
36	120	FEET	20"	73.16	NO BID	NO BID	NO BID	²² *79.00*
TRANSITION COUPLINGS (DRESSER TYPE)-COMPRESSION TYPE WITH ALL ACCESSORIES TO ADAPT FROM CAST IRON TO DUCTILE IRON PIPE – CLASS 52 AWWA 151								
37	26	EA.	4"75.50	36.56	65.60	NO BID	46.05	²³ 55.50
38	30	EA.	6"96.00	50.28	84.51	NO BID	46.05	²³ 75.50
39	14	EA.	8"135.00	70.77	118.03	NO BID	77.97	²³ 96.00
40	18	EA.	10"160.00	89.74	141.66	NO BID	100.22	²³ 135.00
41	8	EA.	12"590.00	112.05	178.59	NO BID	129.89	²³ 160.00
42	10	EA.	20"	391.60	573.55	NO BID	446.81	²³ 590.00
PVC WATERMAIN – AWWA C900 DR-18								
43	6	EA.	4" 20' Length	2.35	NO BID	NO BID	NO BID	2.75
44	6	EA.	6" 20' Length	4.69	NO BID	NO BID	NO BID	5.40
45	4	EA.	8" 20' Length	8.11	NO BID	NO BID	NO BID	9.20
46	5	EA.	10" 20' Length	12.18	NO BID	NO BID	NO BID	14.00
360 DEGREE STAINLESS STEEL REPAIR CLAMPS-FORD FS SERIES OR EQUAL, 18-8 TYPE 304 SS, 4" TO 10" IN ONE SECTION, 12" & 16" IN TWO SECTIONS, OVER 16" IN THREE SECTIONS								
			<i>Diameter x Length</i>	<i>Size/Range</i>				
47	10	EA.	4" X 12"	4.75 X 5.15	55.92	³ 62.00	NO BID	65.26
48	8	EA.	4" X 12"	(w/tapped 1" cc outlet)	73.77	³ 81.78	NO BID	85.20
49	5	EA.	4" X 20"	4.75 - 5.15	101.37	³ 112.39	NO BID	129.63
50	20	EA.	6" X 12"	6.84 - 7.24	67.86	³ 75.23	NO BID	73.54
51	8	EA.	6" X 12"	(w/tapped 3/4" cc outlet)	79.26	³ 87.88	NO BID	94.82
52	4	EA.	6" X 12"	(w/tapped 1" cc outlet)	79.36	³ 87.98	NO BID	94.82

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360 DEGREE STAINLESS STEEL REPAIR CLAMPS-FORD FS SERIES OR EQUAL 18-8 TYPE 304 SS, 4" to 10" IN ONE SECTION, 12" & 16" IN TWO SECTIONS, OVER 16" IN THREE SECTIONS (continued)									
			Diameter X Length	Size/Range					
53	6	EA.	6" x 20"	6.84 X 7.24	108.78	³ 120.60	NO BID	133.59	163.50
54	10	EA.	8" X 12"	9.05 - 9.30	74.87	³ 83.00	NO BID	86.47	116.00
55	6	EA.	8" X 12"	(w/tapped 3/4" cc outlet)	85.06	³ 94.31	NO BID	107.75	137.00
56	6	EA.	8" X 12"	(w/tapped 1" cc outlet)	85.16	³ 94.31	NO BID	107.75	137.00
57	6	EA.	8" X 20"	9.05 - 9.30	120.26	³ 133.33	NO BID	144.72	187.50
58	6	EA.	10" X 12-1/2"	11.04 – 11.44	87.99	³ 97.55	NO BID	116.64	151.00
59	6	EA.	10" X 12-1/2"	(w/tapped 3/4" cc outlet)	101.41	³ 112.43	NO BID	137.92	172.00
60	6	EA.	10" X 12-1/2"	(w/tapped 1" cc outlet)	101.41	³ 112.43	NO BID	137.92	172.00
61	6	EA.	10" X 12-1/2"	oversized 11.37 – 11.75	92.87	³ 102.95	NO BID	116.64	151.00
62	6	EA.	12" X 15"	13.20 – 13.50	121.18	³ 134.34	NO BID	152.72	198.00
GATES VALVES – CUT – IN MJ X MJ TYPR RESILIENT SEAT (WITH ALL ACCESSORIES) – BONNET STUFFING BOX, AND RETAINING BOLTS, NUTS AND WASHERS TO BE STAINLESS STEEL – ALL CLOSE CLOCKWISE, AWWA C509 MUELLER CO. OR EQUAL									
63	6	EA.	4"		¹ 468.00	NO BID	NO BID	498.50	^{24*} 460.00*
64	6	EA.	6"		¹ 596.00	NO BID	NO BID	641.00	^{24*} 585.00*
65	6	EA.	8"		¹ 949.00	NO BID	NO BID	995.50	^{24*} 914.00*
66	4	EA.	10"		¹ 1480.00	NO BID	NO BID	1540.50	^{24*} 1414.00*
BUTTERFLY VALVES – MJ X MJ (WITH ALL ACCESSORIES) – ALL CLOSE CLOCKWISE, AWWA C504 – PRATT OR MUELLER									
67	2	EA.	12"		1449.00	NO BID	NO BID	1534.00	²⁵ 1657.00
68	2	EA.	16"		2436.00	NO BID	NO BID	2605.00	²⁵ 3093.00
69	2	EA.	20"		3580.50	NO BID	NO BID	3905.00	²⁵ 4760.00
70	2	EA.	24"		4998.00	NO BID	NO BID	5458.00	²⁵ 6530.00

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
MECHANICAL JOINT ACCESSORIES PACKAGE TO INCLUDE GLAND RUBBER GASKET AND BOLTS MJ ENDS AND ACCESSORIES TO MEET ANSI/AWWA C111/21.11 Size:								
71	12	EA.	4"	16.72	NO BID	NO BID	NO BID	12.50
72	12	EA.	6"	21.23	NO BID	NO BID	NO BID	17.50
73	12	EA.	8"	23.43	NO BID	NO BID	NO BID	20.00
74	12	EA.	10"	33.51	NO BID	NO BID	NO BID	27.00
75	12	EA.	12"	35.16	NO BID	NO BID	NO BID	28.50
76	12	EA.	16"	59.36	NO BID	NO BID	NO BID	46.50
MEGALUG RESTRAINTS SERIES 1100								
77	10	EA.	4"	16.77	4*18.19*	NO BID	14*16.08*	26*16.25*
78	10	EA.	6"	19.74	4*21.39*	NO BID	14*18.92*	26*19.15*
79	10	EA.	6" Series 1100X Oversize	34.43	4*35.61*	NO BID	14*31.48*	26*35.50*
80	6	EA.	8"	30.13	4*32.67*	NO BID	14*28.88*	26*28.75*
81	6	EA.	10"	44.60	4*48.33*	NO BID	14*42.74*	26*42.50*
PLASTIC/BRASS/COPPER SERVICE LINE MATERIALS BUSHINGS: (MUELLER (CC) THREAD) MUELLER H-10036, FORD BBAA SERIES OR EQUAL Size:								
82	12	EA.	1" cc to 3/4" cc	34.94	5*12.02	NO BID	11.14	27*11.15*
83	12	EA.	1 1/2" cc X 3/4" cc	39.34	5*32.44	NO BID	30.05	27*30.00*
84	12	EA.	1 1/2" cc X 1" cc	39.34	5*32.55	NO BID	30.15	27*30.50*
85	6	EA.	2" cc X 3/4" cc	54.37	5*51.93	NO BID	48.11	27*45.50*
86	6	EA.	2" cc X 1" cc	55.60	5*53.11	NO BID	49.28	27*49.50*
87	6	EA.	2" cc X 1 1/2" cc	58.40	5*39.61	NO BID	36.59	27*37.00*

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
PLUGS: THREAD AS INDICATED MUELLER H-1003X SERIES, FORD CSP SERIES OR EQUAL								
Size:								
88	10	EA.	1/2" IPT	1.70	NO BID	NO BID	NO BID	²⁷ *7.00*
89	10	EA.	5/8" IPT	NO BID	NO BID	NO BID	NO BID	²⁷ *16.00*
90	8	EA.	3/4" cc	12.50	⁶ 7.33	NO BID	6.79	²⁷ *7.00*
91	4	EA.	3/4" IPT	1.94	⁶ 6.89	NO BID	6.38	²⁷ *6.50*
92	4	EA.	1" cc	13.20	⁶ 10.68	NO BID	9.89	²⁷ *10.00*
93	4	EA.	1" IPT	2.56	⁶ 10.99	NO BID	10.18	²⁷ *10.30*
94	4	EA.	1 1/2" cc	23.48	⁶ 28.92	NO BID	26.78	²⁷ *22.25*
95	4	EA.	1 1/2" IPT	4.86	⁶ 25.36	NO BID	23.49	²⁷ *23.75*
96	4	EA.	2" cc	30.43	⁶ 49.53	NO BID	45.88	²⁷ *29.00*
97	4	EA.	2" IPT	7.68	⁶ 45.15	NO BID	41.82	²⁷ *29.00*
BUSHINGS: (IP THREAD)								
Size:								
98	6	EA.	1/2" X 3/4"	1.77	⁷ 2.00	NO BID	NO BID	1.90
99	6	EA.	3/4" X 1"	2.69	⁷ 3.00	NO BID	NO BID	2.80
100	6	EA.	1" X 1-1/4"	4.59	⁷ 5.13	NO BID	NO BID	4.80
101	6	EA.	1-1/4" X 1-1/2"	5.87	⁷ 6.57	NO BID	NO BID	6.10
102	6	EA.	1-1/2" X 2"	8.69	⁷ 9.72	NO BID	NO BID	9.00
103	4	EA.	2" X 2-1/2"	17.39	⁷ 19.44	NO BID	NO BID	18.00
104	4	EA.	2" X 3"	26.29	⁷ 29.40	NO BID	NO BID	27.25
105	4	EA.	1" X 2"	10.47	⁷ 11.71	NO BID	NO BID	10.90
106	4	EA.	1-1/2" X 2"	8.69	⁷ 9.72	NO BID	NO BID	9.00
107	4	EA.	2" X 2-1/2"	17.39	⁷ 19.44	NO BID	NO BID	18.10
108	4	EA.	2-1/2" X 3"	26.29	⁷ 29.40	NO BID	NO BID	27.25

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
BRASS NIPPLES: (IP THREAD)								
Size:								
109	10	EA.	3/4" close	1.64	⁷ 1.85	NO BID	NO BID	1.50
110	10	EA.	3/4" X 2"	2.07	⁷ 2.34	NO BID	NO BID	1.90
111	12	EA.	3/4" X 4"	3.61	⁷ 4.06	NO BID	NO BID	3.30
112	12	EA.	3/4" X 6"	5.28	⁷ 5.95	NO BID	NO BID	4.80
113	10	EA.	1" close	2.43	⁷ 2.75	NO BID	NO BID	2.25
114	10	EA.	1" X 2"	2.99	⁷ 3.37	NO BID	NO BID	2.75
115	10	EA.	1" X 4"	5.23	⁷ 5.91	NO BID	NO BID	4.75
116	10	EA.	1" X 6"	7.71	⁷ 8.69	NO BID	NO BID	7.00
117	8	EA.	1-1/2" close	4.76	⁷ 5.35	NO BID	NO BID	4.35
118	8	EA.	1-1/2" x 4"	9.18	⁷ 7.92	NO BID	NO BID	8.35
119	8	EA.	1 -/2" x 6"	13.56	⁷ 15.29	NO BID	NO BID	12.30
120	8	EA.	2" x 6"	17.43	⁷ 19.66	NO BID	NO BID	15.85
BRASS TEES FEMALE (IP THREAD)								
121	8	EA.	3/4"	4.09	⁷ 5.28	NO BID	NO BID	4.30
122	8	EA.	1"	7.28	⁷ 9.37	NO BID	NO BID	7.60
123	6	EA.	1-1/2"	14.04	⁷ 18.09	NO BID	NO BID	14.60
124	6	EA.	2"	23.00	⁷ 29.66	NO BID	NO BID	24.00
BRASS 90 DEGREE ELBOW FEMALE (IP THREAD)								
125	6	EA.	3/4"	3.34	⁷ 15.05	NO BID	NO BID	3.50
126	6	EA.	1"	5.14	⁷ 20.42	NO BID	NO BID	5.50
127	6	EA.	1-1/2"	14.20	⁷ 59.36	NO BID	NO BID	10.70
128	6	EA.	2"	16.61	⁷ 70.68	NO BID	NO BID	17.35

**OFFICIAL TALLY SHEET
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BID #W2020-02**

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Ti Sales, Inc.
36 Hudson Road (Rte 27)
Sudbury, MA 01776

EJ USA, Incorporated
301 C Spring St. PO Box
439
East Jordan, MI 49727-0439

K & S Contractors Supply,
Incorporated
1971 Gunnville Road
Lancaster, NY 14086

EJ Prescott, Incorporated
200 Lake Avenue
Blasdell, NY 14219

ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
BRASS STRAIGHT COUPLING FEMALE (IP THREAD)								
129	10	EA.	3/4"	2.69	15.05	NO BID	NO BID	2.80
130	8	EA.	1"	4.09	20.42	NO BID	NO BID	4.25
131	6	EA.	1-1/2"	8.69	59.36	NO BID	NO BID	9.05
132	6	EA.	2"	14.32	70.68	NO BID	NO BID	14.85
LEAD PACK COMPRESSION COUPLINGS – NO ALTERNATES ACCEPTED								
LEAD ONE END/COPPER ON OTHER:								
(ALL ITEMS COMPLY WITH AWWA C-800-84)								
Ford Nos. & Size								
133	35	EA.	Q28-33 3/4" strong to 3/4" IPT	NO BID	26.34	NO BID	24.44	28*23.60*
134	35	EA.	Q38-33 3/4" XXS to 3/4" IPT	NO BID	31.02	NO BID	28.57	28*27.60*
135	30	EA.	Q14-33 3/4" strong to 3/4" copper comp.	NO BID	32.32	NO BID	29.77	28*28.60*
136	35	EA.	Q24-33 3/4" XS to 3/4" copper comp.	NO BID	36.66	NO BID	33.77	28*32.50*
137	35	EA.	Q34-43 3/4" XXS to 3/4" copper	NO BID	33.07	NO BID	30.46	28*29.50*
138	20	EA.	Q24-43 1" XS to 3/4" copper	NO BID	56.83	NO BID	52.35	28*50.50*
139	20	EA.	Q34-43 1" XXS to 3/4" copper	NO BID	55.27	NO BID	50.91	28*49.00*
140	14	EA.	Q14-44 1" strong to 1" copper	NO BID	59.84	NO BID	55.12	28*53.00*
141	6	EA.	Q24-44 1" XS to 1" copper	NO BID	58.51	NO BID	53.89	28*52.00*
142	12	EA.	Q34-44 1" XXS to 1" copper	NO BID	53.66	NO BID	49.42	28*47.50*
143	10	EA.	Q24-66 1-1/2" XS to 1-1/2" copper	NO BID	94.40	NO BID	86.95	28*83.75*
144	10	EA.	Q24-77 2" XS to 2" copper	NO BID	152.49	NO BID	140.45	28*135.00*

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
ADAPTERS - ALL COMPRESSION								
145	50	EA.	3/4" Male H-15-428	14.72	14.31	NO BID	15*13.25*	28*12.75*
146	50	EA.	3/4" Female H-15-451	15.77	15.05	NO BID	16*13.95*	28*13.40*
147	30	EA.	1" Male IPT to 1" Copper Compression	17.39	16.94	NO BID	15.69	28*15.10*
148	30	EA.	1" Female IPT to 1" Copper Compression	22.55	20.42	NO BID	18.92	28*18.20*
149	8	EA.	1-1/2" Male IPT to 1-1/2" Copper Compression	48.10	46.41	NO BID	42.99	28*41.40*
150	8	EA.	1-1/2" Female IPT to 1-1/2" Copper Compression	61.50	58.04	NO BID	54.99	28*53.00*
151	8	EA.	2" Female IPT H-15-451 to 2" Copper	73.29	69.11	NO BID	17*65.47*	28*63.00*
152	8	EA.	2" Male IPT H-15-428	70.08	66.12	NO BID	17*62.64*	28*60.25*
CORPORATION STOPS:(Ford or Mueller Equivalent) Ford Nos. & Size								
153	12	EA.	F600-L04-33S 3/4" Copper w/swivel	64.61	8*55.22	NO BID	51.16	28*51.40*
			90 degree compression					
154	50	EA.	F600-L04-44S 1" Copper w/swivel	90.75	8*67.40	NO BID	73.72	28*74.50*
			90 degree compression					
155	12	EA.	F700-L0445 1" Iron pip w/swivel	76.46	8*74.90	NO BID	73.72	28*74.50*
			90 degree compression					
156	4	EA.	H-15-071-L04-66 1-1/2" Copper w/swivel	165.89	NO BID	NO BID	18*209.54*	28*257.00*
			90 degree compression					
157	4	EA.	H-15-071-L04-77 2" Copper w/swivel	260.07	NO BID	NO BID	18*359.30*	28*375.00*
			90 degree compression					
158	5	EA.	2" FB 800 AWWA Thread	267.00	8*203.67	NO BID	197.24	28*190.00*
159	12	EA.	3/4" 90 Degree Angle Meter Coupling L-38-23	9.26	8*13.74	NO BID	12.65	28*12.25*
160	10	EA.	1" 90 Degree Angle Meter Coupling L-38-44	9.51	8*19.49	NO BID	18.05	28*17.40*
161	6	EA.	1" IPT Female Cap	3.60	NO BID	NO BID	NO BID	28*3.50*
162	6	EA.	3/4" IPT Inlet w/1" Male IPT Outlet	31.00	NO BID	NO BID	NO BID	28*3.00*

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
COPPER TUBING - TYPE K								
163	10	EA.	60 Foot Rolls - 3/4"	184.50	NO BID	NO BID	NO BID	300.00
164	5	EA.	60 Foot Rolls - 1"	241.50	NO BID	NO BID	NO BID	381.00
165	4	EA.	60 Foot Rolls - 1-1/2"	376.50	NO BID	NO BID	NO BID	585.00
166	4	EA.	60 Foot Rolls - 2"	600.00	NO BID	NO BID	NO BID	930.00
CURB STOPS: (Ford or Mueller Equivalent)								
<i>Ford Nos. & Description</i>								
167	16	EA.	B44-333 3/4" Copper	65.85	⁹ 60.78	NO BID	58.54	²⁹ *56.40*
168	25	EA.	B11-333 3/4" Reg. IPTHD	51.11	⁹ 47.22	NO BID	45.48	²⁹ *43.80*
169	8	EA.	B44-444 1" Copper	98.96	⁹ 92.89	NO BID	88.00	²⁹ *84.75*
170	8	EA.	B11-444 1" Reg IPTHD	79.43	⁹ 74.62	NO BID	70.69	²⁹ *68.10*
171	6	EA.	B44-666 1-1/2" Copper	225.27	⁹ 218.63	NO BID	210.58	²⁹ *202.50*
172	44	EA.	B44-777 2" Copper	335.20	⁹ 307.37	NO BID	296.04	²⁹ *285.00*
173	5	EA.	B11-777 2" Reg IPTHD	239.00	⁹ 219.83	NO BID	211.73	²⁹ *204.00*
174	20	EA.	Compression Coupling for 3/4" Copper to 3/4" Copper	17.97	⁹ 17.42	NO BID	16.14	²⁹ *15.55*
175	10	EA.	Compression Coupling 1" Copper to 1" Copper	19.59	⁹ 19.93	NO BID	18.46	²⁹ *17.75*
176	6	EA.	Compression Coupling 1-1/2" Copper to 1-1/2" Copper	69.09	⁹ 65.20	NO BID	61.77	²⁹ *59.50*
177	4	EA.	Compression Coupling 2" Copper to 2" Copper	93.30	⁹ 87.05	NO BID	83.39	²⁹ *80.25*

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
TYTON JOINT								
<i>Class 52 Ductile Iron Pipe</i>								
178		FT.	16" X 18.13'	55.72	NO BID	NO BID	NO BID	30*60.00*
179		FT.	20" X 18.13'	73.16	NO BID	NO BID	NO BID	30*79.00*
180		FT.	24" X 18.13'	91.74	NO BID	NO BID	NO BID	30*99.00*
MECHANICAL JOINTS, SHORT BODY (COMPACT) WITH FLUOROCARBON COATING								
181		EA.	16"	322.25	NO BID	NO BID	NO BID	31*440.00
182		EA.	20"	474.73	NO BID	NO BID	NO BID	31*600.00
183		EA.	24"	620.67	NO BID	NO BID	NO BID	31*780.00
MEGALUG RESTRAINTS								
184		EA.	1116 Series, Ductile Iron, 16"	115.08	10*130.76*	NO BID	NO BID	32*117.00*
185		EA.	1120 Series, Ductile Iron, 20"	202.16	10*229.69*	NO BID	NO BID	32*208.00*
186		EA.	1124 Series, Ductile Iron, 24"	280.74	10*318.98*	NO BID	NO BID	32*288.50*
HYMAX COUPLINGS – NO ALTERNATES ACCEPTED								
187		EA.	4"	154.75	11*154.68	NO BID	NO BID	33*140.00*
188		EA.	6"	204.94	11*204.23	NO BID	NO BID	33*184.00*
189		EA.	8"	231.39	11*231.28	NO BID	NO BID	33*209.00*
190		EA.	10"	300.91	11*320.25	NO BID	NO BID	33*270.00*
191		EA.	12"	351.35	11*427.98	NO BID	NO BID	33*318.00*
192		EA.	16" (860-56-0434-16P)	962.13	11*958.13	NO BID	NO BID	NO BID
193		EA.	20" (860-56-0540-16P)	1222.39	NO BID	NO BID	NO BID	NO BID
194		EA.	24" (860-56-0624-16P)	1301.63	11*1261.90	NO BID	NO BID	NO BID

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
CATCH BASIN AND MANHOLE MATERIALS								
195		EA.	Catch Basins, per Exhibit H, 3' X 3' outer diameter	NO BID	NO BID	631.28	NO BID	NO BID
196		EA.	Manhole frames, per Exhibit H, 7" rise	NO BID	NO BID	134.40	NO BID	NO BID
197		EA.	Manhole covers, per Exhibit H, 7" rise	NO BID	NO BID	107.52	NO BID	NO BID
198		EA.	Catch Basin frames, per Exhibit H, 6" rise	NO BID	NO BID	222.72	NO BID	NO BID
199		EA.	Catch Basin grates, per Exhibit H, 6" rise	NO BID	NO BID	189.73	NO BID	NO BID
200		EA.	Catch Basin frames, per Exhibit H, 3" rise	NO BID	NO BID	108.14	NO BID	NO BID
201		EA.	Catch Basin grates, per Exhibit H, 3" rise	NO BID	NO BID	122.88	NO BID	NO BID
FERNCO COUPLINGS/ADAPTERS								
202		EA.	18" Clay to Plastic	82.47	86.21	NO BID	NO BID	78.00
203		EA.	18" Plastic to Plastic	82.47	86.21	NO BID	NO BID	78.00
204		EA.	15" Clay to Plastic	37.26	38.95	NO BID	NO BID	36.00
205		EA.	15" Plastic to Plastic	37.26	38.95	NO BID	NO BID	36.00
206		EA.	12" Clay to Plastic	22.00	25.01	NO BID	NO BID	22.75
207		EA.	12" Plastic to Plastic	22.00	25.01	NO BID	NO BID	22.75
208		EA.	10" Clay to Plastic	18.85	21.43	NO BID	NO BID	20.00
209		EA.	10" Plastic to Plastic	18.85	21.43	NO BID	NO BID	20.00
210		EA.	8" Clay to Plastic	12.56	14.28	NO BID	NO BID	13.20
211		EA.	8" Plastic to Plastic	12.56	14.28	NO BID	NO BID	13.20
212		EA.	6" Clay to Plastic	8.16	10.60	NO BID	NO BID	8.75
213		EA.	6" Plastic to Plastic	8.16	10.60	NO BID	NO BID	8.75
214		EA.	4" Clay to Plastic	3.82	4.96	NO BID	NO BID	4.20
215		EA.	4" Plastic to Plastic	3.82	4.96	NO BID	NO BID	4.20

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
DUCTILE IRON PIPE, per foot of length								
216		FT.	18" diameter	^{2*} 19.80*	NO BID	NO BID	NO BID	³⁴ 69.00
217		FT.	15" diameter	^{2*} 12.06*	NO BID	NO BID	NO BID	NO BID
218		FT.	12" diameter	^{2*} 8.10*	NO BID	NO BID	NO BID	³⁴ 41.50
219		FT.	10" diameter	^{2*} 5.65*	NO BID	NO BID	NO BID	³⁴ 33.25
220		FT.	8" diameter	^{2*} 3.60*	NO BID	NO BID	NO BID	³⁴ 25.50
221		FT.	6" diameter	^{2*} 2.02*	NO BID	NO BID	NO BID	³⁴ 18.10
222		FT.	4" diameter	^{2*} 0.94*	NO BID	NO BID	NO BID	³⁴ 24.00

NOTES:

(*) = exception noted

¹ Lock City Supply: (Item #63 – #66) Mueller A-2362-20 gate valves
^{2*} Lock City Supply: (Item #216 – #222) SDR 35 PVC Sewer Pipe, not ductile iron pipe

³ Ti Sales: (Item #47 - #62) Smith Blair 261 Series
^{4*} Ti Sales: (Item #77 - #81) Ford Series 1400, Ford Domestic, GLAND ONLY, UFR 1400, NO HARDWARE
⁵ Ti Sales: (Item #82 - #87) Ford BBAA Series
⁶ Ti Sales: (Item #90 - #97) CSP Series
⁷ Ti Sales: (Item #98 - #128) Matco Norca Imported
⁸ Ti Sales: (Item #153 - #162) Ford Series
⁹ Ti Sales: (Item #167 - #177) Ford Series
^{10*} Ti Sales: (Item #184 - #186) Ford Domestic, GLAND ONLY, NO HARDWARE
¹¹ Ti Sales: (Item #187 - #194) Smith Blair Series

¹² K & S Contractors Supply: (Item #15 - #16) BIBBY V858 & V852
^{13*} K & S Contractors Supply: (Item #20) Top section w/cover 20"quoted, not 16" as requested

OFFICIAL TALLY SHEET

WATER AND SEWER CONSTRUCTION AND REPAIR MATERIALS

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NOTES (continued):

(*) = exception noted

14*	K & S Contractors Supply	(Item #77 - #81)	Ford Series 1400
15*	K & S Contractors Supply	(Item #145)	C84-33
16*	K & S Contractors Supply	(Item #146)	C14-44
17*	K & S Contractors Supply	(Item #151 - #152)	Part # H-15 crossed out /Part # bid upon unknown
18*	K & S Contractors Supply	(Item #156 - #157)	FB600+
19	EJ Prescott	(Item #7 - #14)	Sigma
20	EJ Prescott	(Item #15 - #16)	Bibby
21	EJ Prescott	(Item #17 - #29)	Sigma
22*	EJ Prescott	(Item #30 - #36)	American D.I. – 20' lengths
23	EJ Prescott	(Item #37 - #42)	Romac 501 Series
24*	EJ Prescott	(Item #63 - #66)	American Flow Control Valves C515
25	EJ Prescott	(Item #67 - #70)	Pratt 150B
26*	EJ Prescott	(Item #77 - #81)	Sigma One-Lok
27*	EJ Prescott	(Item #82 - #97)	AY McDonald
28*	EJ Prescott	(Item #133 - #162)	AY McDonald
29*	EJ Prescott	(Item #167 - #177)	AY McDonald
30*	EJ Prescott	(Item #178 - #180)	Fast-tite - American D.I.
31	EJ Prescott	(Item #181 - #183)	Std. Gland – Blue Bolt Kits
32*	EJ Prescott	(Item #184 - #186)	Sigma One-Lok
33*	EJ Prescott	(Item #187 - #191)	Romac Macro Couplings
34	EJ Prescott	(Item #216 - #222)	American D.I.

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Core & Main, LP
1220 Brighton-Henrietta
Trail Road
Rochester, NY 14623

XXX

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
MUELLER OR KENNEDY HYDRANT INSERTS (SCREW IN TYPE TO REPLACE WOODS-MATTHEWS) WILL BE ORDERED IN MINIMUM QUANTITIES OF FIVE (5) UNITS								
1	5	EA.	5 FT.	35 2519.03				
STANDARD BURY FIRE HYDRANTS (MUELLER CENTURION KENNEDY GUARDIAN)								
2	5	EA.	4 FT. Bury	2177.91				
3	15	EA.	5 FT. Bury	2277.83				
4	5	EA.	6 FT. Bury	2377.75				
BREAKAWAY KITS								
5	15	EA.	Breakaway Kits for Kennedy Guardian:	140.25				
6	15	EA.	Breakaway Kits for Mueller Centurion:	168.54				
CAST IRON CURB & VALVE BOX PARTS, ALL SCREW TYPE VALVE AND CURB BOXES SHALL BE AS MANUFACTURED BY BIBBY-ST. CROIX FOUNDRIES, INC. OR EQUIVALENT COVERS SHALL BE CAST WITH "WATER" LABEL ON TOP VALVE ROAD BOXES:								
7	20	EA.	Bases-14 3/8" base, 8 1/4" top, 12 3/8" high	NO BID				
8	20	EA.	Top Section 26"	NO BID				
9	20	EA.	Top Sections 17"	NO BID				
10	20	EA.	Bottom Sections 30"	NO BID				
11	20	EA.	Bottom Sections 24"	NO BID				
12	20	EA.	Bottom Sections 16"	NO BID				
13	30	EA.	Shaft Extensions 26"	NO BID				
14	30	EA.	Shaft Extensions 16"	NO BID				

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XXX

XXX

ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
VALVE BOX HEIGHT ADAPTERS (FOR ADJUSTING BOXES TO PAVEMENT LEVEL)								
15	50	EA.	Slide-Type, Adjustment Range 2-1/2" to 8" 10-3/4" Height, 4-3/8" inner diameter	NO BID				
16	50	EA.	Screw-Type, Adjustment Range 2-1/2" to 8" 16-1/2" Height, 5-1/4" inner diameter	NO BID				
VALVE BOX REGULATOR COVERS 5-1/4"								
17	40	EA.	(MARKED WATER)	NO BID				
CURB BOXES								
18	25	EA.	Bottom 33"	NO BID				
19	25	EA.	Bottom 24"	NO BID				
20	25	EA.	Top Section w/Cover 16"	NO BID				
21	25	EA.	Top Section w/Cover 24"	NO BID				
22	25	EA.	Extension 9"	NO BID				
23	25	EA.	Extension 16"	NO BID				
24	50	EA.	Old Style Repair Lid (Outside Lip)	NO BID				
25	50	EA.	New Style Repair Lid (Inside Lip)	NO BID				
CAST IRON VALVE ROAD BOX RISERS								
26	30	EA.	1"	NO BID				
27	15	EA.	2"	NO BID				
28	10	EA.	4"	NO BID				
29	10	EA.	6"	NO BID				
DUCTILE IRON PIPE - ANSI/AWWA C151/A21.51 CLASS 52 STANDARD 18'- 20' LENGTHS - PUSH-ON JOINT								
30	95	FEET	4"	³⁶ 22.13				
31	190	FEET	6"	³⁶ 17.07				
32	95	FEET	8"	³⁶ 23.91				
33	95	FEET	10"	³⁶ 31.36				

OFFICIAL TALLY SHEET
WATER AND SEWER CONSTRUCTION AND
REPAIR MATERIALS
BID #W2020-02

Core & Main, LP
1220 Brighton-Henrietta
Trail Road
Rochester, NY 14623

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
DUCTILE IRON PIPE - ANSI/AWWA C151/A21.51 CLASS 52 CONTINUED								
STANDARD 18'- 20' LENGTHS - PUSH-ON JOINT								
34	120	FEET	12"	3639.67				
35	40	FEET	16"	3657.17				
36	120	FEET	20"	3674.89				
TRANSITION COUPLINGS (DRESSER TYPE)-COMPRESSION TYPE WITH ALL ACCESSORIES TO ADAPT FROM CAST IRON TO DUCTILE IRON PIPE – CLASS 52 AWWA 151								
37	26	EA.	4”	3749.32				
38	30	EA.	6”	3775.45				
39	14	EA.	8”	37107.52				
40	18	EA.	10”	37146.48				
41	8	EA.	12”	37152.65				
42	10	EA.	20”	37442.16				
PVC WATERMAIN – AWWA C900 DR-18								
43	6	EA.	4” 20’ Length	2.43				
44	6	EA.	6” 20’ Length	4.84				
45	4	EA.	8” 20’ Length	8.38				
46	5	EA.	10” 20’ Length	12.58				
360 DEGREE STAINLESS STEEL REPAIR CLAMPS-FORD FS SERIES OR EQUAL, 18-8 TYPE 304 SS, 4” TO 10” IN ONE SECTION, 12” & 16” IN TWO SECTIONS, OVER 16” IN THREE SECTIONS								
			Diameter x Length	Size/Range				
47	10	EA.	4" X 12"	4.75 X 5.15	3865.96			
48	8	EA.	4" X 12"	(w/tapped 1" cc outlet)	3886.11			
49	5	EA.	4" X 20"	4.75 - 5.15	38131.02			
50	20	EA.	6" X 12"	6.84 - 7.24	3874.32			
51	8	EA.	6" X 12"	(w/tapped 3/4" cc outlet)	3895.83			
52	4	EA.	6" X 12"	(w/tapped 1" cc outlet)	3895.83			

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ITEM #	QNTY	UNIT	DESCRIPTION		UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
360 DEGREE STAINLESS STEEL REPAIR CLAMPS-FORD FS SERIES OR EQUAL 18-8 TYPE 304 SS, 4" to 10" IN ONE SECTION, 12" & 16" IN TWO SECTIONS, OVER 16" IN THREE SECTIONS (continued)									
			Diameter X Length	Size/Range					
53	6	EA.	6" x 20"	6.84 X 7.24	38135.38				
54	10	EA.	8" X 12"	9.05 - 9.30	3887.40				
55	6	EA.	8" X 12"	(w/tapped 3/4" cc outlet)	38108.90				
56	6	EA.	8" X 12"	(w/tapped 1" cc outlet)	38108.90				
57	6	EA.	8" X 20"	9.05 - 9.30	38146.26				
58	6	EA.	10" X 12-1/2"	11.04 – 11.44	38117.89				
59	6	EA.	10" X 12-1/2"	(w/tapped 3/4" cc outlet)	38139.39				
60	6	EA.	10" X 12-1/2"	(w/tapped 1" cc outlet)	38139.39				
61	6	EA.	10" X 12-1/2"	oversized 11.37 – 11.75	38117.89				
62	6	EA.	12" X 15"	13.20 – 13.50	38220.83				
GATES VALVES – CUT – IN MJ X MJ TYPR RESILIENT SEAT (WITH ALL ACCESSORIES) – BONNET STUFFING BOX, AND RETAINING BOLTS, NUTS AND WASHERS TO BE STAINLESS STEEL – ALL CLOSE CLOCKWISE, AWWA C509 MUELLER CO. OR EQUAL									
63	6	EA.	4"		494.48				
64	6	EA.	6"		633.34				
65	6	EA.	8"		978.65				
66	4	EA.	10"		1520.84				
BUTTERFLY VALVES – MJ X MJ (WITH ALL ACCESSORIES) – ALL CLOSE CLOCKWISE, AWWA C504 – PRATT OR MUELLER									
67	2	EA.	12"		1532.32				
68	2	EA.	16"		2638.47				
69	2	EA.	20"		3831.53				
70	2	EA.	24"		5331.07				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
MECHANICAL JOINT ACCESSORIES PACKAGE TO INCLUDE GLAND RUBBER GASKET AND BOLTS MJ ENDS AND ACCESSORIES TO MEET ANSI/AWWA C111/21.11 <i>Size:</i>								
71	12	EA.	4"	38.28				
72	12	EA.	6"	37.28				
73	12	EA.	8"	39.28				
74	12	EA.	10"	60.00				
75	12	EA.	12"	62.00				
76	12	EA.	16"	110.90				
MEGALUG RESTRAINTS SERIES 1100								
77	10	EA.	4"	39*13.24*				
78	10	EA.	6"	39*15.57*				
79	10	EA.	6" Series 1100X Oversize	39*28.12*				
80	6	EA.	8"	39*23.40*				
81	6	EA.	10"	39*34.70*				
PLASTIC/BRASS/COPPER SERVICE LINE MATERIALS BUSHINGS: (MUELLER (CC) THREAD) MUELLER H-10036, FORD BBAA SERIES OR EQUAL <i>Size:</i>								
82	12	EA.	1" cc to 3/4" cc	4011.50				
83	12	EA.	1 1/2" cc X 3/4" cc	4031.04				
84	12	EA.	1 1/2" cc X 1" cc	4031.14				
85	6	EA.	2" cc X 3/4" cc	4049.86				
86	6	EA.	2" cc X 1" cc	4050.81				
87	6	EA.	2" cc X 1 1/2" cc	4037.90				

**OFFICIAL TALLY SHEET
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Core & Main, LP
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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
PLUGS: THREAD AS INDICATED MUELLER H-1003X SERIES, FORD CSP SERIES OR EQUAL								
<i>Size:</i>								
88	10	EA.	1/2" IPT	NO BID				
89	10	EA.	5/8" IPT	NO BID				
90	8	EA.	3/4" cc	NO BID				
91	4	EA.	3/4" IPT	NO BID				
92	4	EA.	1" cc	NO BID				
93	4	EA.	1" IPT	NO BID				
94	4	EA.	1 1/2" cc	NO BID				
95	4	EA.	1 1/2" IPT	NO BID				
96	4	EA.	2" cc	NO BID				
97	4	EA.	2" IPT	NO BID				
BUSHINGS: (IP THREAD)								
<i>Size:</i>								
98	6	EA.	1/2" X 3/4"	NO BID				
99	6	EA.	3/4" X 1"	NO BID				
100	6	EA.	1" X 1-1/4"	NO BID				
101	6	EA.	1-1/4" X 1-1/2"	NO BID				
102	6	EA.	1-1/2" X 2"	NO BID				
103	4	EA.	2" X 2-1/2"	NO BID				
104	4	EA.	2" X 3"	NO BID				
105	4	EA.	1" X 2"	NO BID				
106	4	EA.	1-1/2" X 2"	NO BID				
107	4	EA.	2" X 2-1/2"	NO BID				
108	4	EA.	2-1/2" X 3"	NO BID				

OFFICIAL TALLY SHEET WATER AND SEWER CONSTRUCTION AND REPAIR MATERIALS BID #W2020-02				Core & Main, LP 1220 Brighton-Henrietta Trail Road Rochester, NY 14623	XXX	XXX	XXX	XXX
ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
BRASS NIPPLES: (IP THREAD)								
Size:								
109	10	EA.	3/4" close	NO BID				
110	10	EA.	3/4" X 2"	NO BID				
111	12	EA.	3/4" X 4"	NO BID				
112	12	EA.	3/4" X 6"	NO BID				
113	10	EA.	1" close	NO BID				
114	10	EA.	1" X 2"	NO BID				
115	10	EA.	1" X 4"	NO BID				
116	10	EA.	1" X 6"	NO BID				
117	8	EA.	1-1/2" close	NO BID				
118	8	EA.	1-1/2" x 4"	NO BID				
119	8	EA.	1 -/2" x 6"	NO BID				
120	8	EA.	2" x 6"	NO BID				
BRASS TEES FEMALE (IP THREAD)								
121	8	EA.	3/4"	NO BID				
122	8	EA.	1"	NO BID				
123	6	EA.	1-1/2"	NO BID				
124	6	EA.	2"	NO BID				
BRASS 90 DEGREE ELBOW FEMALE (IP THREAD)								
125	6	EA.	3/4"	NO BID				
126	6	EA.	1"	NO BID				
127	6	EA.	1-1/2"	NO BID				
128	6	EA.	2"	NO BID				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
BRASS STRAIGHT COUPLING FEMALE (IP THREAD)								
129	10	EA.	3/4"	NO BID				
130	8	EA.	1"	NO BID				
131	6	EA.	1-1/2"	NO BID				
132	6	EA.	2"	NO BID				
LEAD PACK COMPRESSION COUPLINGS LEAD ONE END/COPPER ON OTHER: (ALL ITEMS COMPLY WITH AWWA C-800-84) <i>Ford Nos. & Size</i>								
133	35	EA.	Q28-33 3/4" strong to 3/4" IPT	24.45				
134	35	EA.	Q38-33 3/4" XXS to 3/4" IPT	28.57				
135	30	EA.	Q14-33 3/4" strong to 3/4" copper comp.	29.77				
136	35	EA.	Q24-33 3/4" XS to 3/4" copper comp.	33.77				
137	35	EA.	Q34-43 3/4" XXS to 3/4" copper	50.91				
138	20	EA.	Q24-43 1" XS to 3/4" copper	52.91				
139	20	EA.	Q34-43 1" XXS to 3/4" copper	50.91				
140	14	EA.	Q14-44 1" strong to 1" copper	55.12				
141	6	EA.	Q24-44 1" XS to 1" copper	53.90				
142	12	EA.	Q34-44 1" XXS to 1" copper	49.43				
143	10	EA.	Q24-66 1-1/2" XS to 1-1/2" copper	86.95				
144	10	EA.	Q24-77 2" XS to 2" copper	140.46				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
ADAPTERS - ALL COMPRESSION								
145	50	EA.	3/4" Male H-15-428	13.26				
146	50	EA.	3/4" Female H-15-451	13.94				
147	30	EA.	1" Male IPT to 1" Copper Compression	15.70				
148	30	EA.	1" Female IPT to 1" Copper Compression	18.92				
149	8	EA.	1-1/2" Male IPT to 1-1/2" Copper Compression	42.99				
150	8	EA.	1-1/2" Female IPT to 1-1/2" Copper Compression	54.99				
151	8	EA.	2" Female IPT H-15-451 to 2" Copper	65.48				
152	8	EA.	2" Male IPT H-15-428	62.65				
CORPORATION STOPS:(Ford or Mueller Equivalent) Ford Nos. & Size								
153	12	EA.	F600-L04-33S 3/4" Copper w/swivel	⁴¹ 51.16				
			90 degree compression					
154	50	EA.	F600-L04-44S 1" Copper w/swivel	⁴¹ 73.53				
			90 degree compression					
155	12	EA.	F700-L0445 1" Iron pip w/swivel	⁴¹ 73.53				
			90 degree compression					
156	4	EA.	H-15-071-L04-66 1-1/2" Copper w/swivel	⁴¹ 209.56				
			90 degree compression					
157	4	EA.	H-15-071-L04-77 2" Copper w/swivel	⁴¹ 359.31				
			90 degree compression					
158	5	EA.	2" FB 800 AWWA Thread	⁴¹ 197.25				
159	12	EA.	3/4" 90 Degree Angle Meter Coupling L-38-23	⁴¹ 12.66				
160	10	EA.	1" 90 Degree Angle Meter Coupling L-38-44	⁴¹ 18.06				
161	6	EA.	1" IPT Female Cap	⁴¹ 20.00				
162	6	EA.	3/4" IPT Inlet w/1" Male IPT Outlet	⁴¹ 25.00				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
COPPER TUBING - TYPE K								
163	10	EA.	60 Foot Rolls - 3/4"	42*3.78*				
164	5	EA.	60 Foot Rolls - 1"	42*4.92*				
165	4	EA.	60 Foot Rolls - 1-1/2"	42*7.69*				
166	4	EA.	60 Foot Rolls - 2"	42*12.22*				
CURB STOPS: (Ford or Mueller Equivalent)								
<i>Ford Nos. & Description</i>								
167	16	EA.	B44-333 3/4" Copper	4358.54				
168	25	EA.	B11-333 3/4" Reg. IPTHD	4345.49				
169	8	EA.	B44-444 1" Copper	4388.00				
170	8	EA.	B11-444 1" Reg IPTHD	4370.70				
171	6	EA.	B44-666 1-1/2" Copper	43210.58				
172	44	EA.	B44-777 2" Copper	43296.05				
173	5	EA.	B11-777 2" Reg IPTHD	43211.73				
174	20	EA.	Compression Coupling for 3/4" Copper to 3/4" Copper	4316.14				
175	10	EA.	Compression Coupling 1" Copper to 1" Copper	4319.02				
176	6	EA.	Compression Coupling 1-1/2" Copper to 1-1/2" Copper	4363.64				
177	4	EA.	Compression Coupling 2" Copper to 2" Copper	4385.90				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
TYTON JOINT								
<i>Class 52 Ductile Iron Pipe</i>								
178		FT.	16" X 18.13'	44*57.17*				
179		FT.	20" X 18.13'	44*74.89*				
180		FT.	24" X 18.13'	44*93.99*				
MECHANICAL JOINTS, SHORT BODY (COMPACT) WITH FLUOROCARBON COATING								
181		EA.	16"	110.90				
182		EA.	20"	142.52				
183		EA.	24"	175.95				
MEGALUG RESTRAINTS D / I								
184		EA.	1116 Series, Ductile Iron, 16"	95.73				
185		EA.	1120 Series, Ductile Iron, 20"	168.42				
186		EA.	1124 Series, Ductile Iron, 24"	233.85				
HYMAX COUPLINGS								
187		EA.	4"	158.90				
188		EA.	6"	210.44				
189		EA.	8"	237.59				
190		EA.	10"	305.64				
191		EA.	12"	360.76				
192		EA.	16" (860-56-0434-16P)	969.10				
193		EA.	20" (860-56-0540-16P)	1231.24				
194		EA.	24" (860-56-0624-16P)	1311.05				

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ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
CATCH BASIN AND MANHOLE MATERIALS								
195		EA.	Catch Basins, per Exhibit H, 3' X 3' outer diameter	⁴⁵ 602.22				
196		EA.	Manhole frames, per Exhibit H, 7" rise	⁴⁵ 128.22				
197		EA.	Manhole covers, per Exhibit H, 7" rise	⁴⁵ 102.57				
198		EA.	Catch Basin frames, per Exhibit H, 6" rise	⁴⁵ 212.47				
199		EA.	Catch Basin grates, per Exhibit H, 6" rise	⁴⁵ 180.99				
200		EA.	Catch Basin frames, per Exhibit H, 3" rise	⁴⁵ 103.16				
201		EA.	Catch Basin grates, per Exhibit H, 3" rise	⁴⁵ 117.23				
FERNCO COUPLINGS/ADAPTERS								
202		EA.	18" Clay to Plastic	65.19				
203		EA.	18" Plastic to Plastic	65.19				
204		EA.	15" Clay to Plastic	29.45				
205		EA.	15" Plastic to Plastic	29.45				
206		EA.	12" Clay to Plastic	19.46				
207		EA.	12" Plastic to Plastic	19.46				
208		EA.	10" Clay to Plastic	16.68				
209		EA.	10" Plastic to Plastic	16.68				
210		EA.	8" Clay to Plastic	11.11				
211		EA.	8" Plastic to Plastic	11.11				
212		EA.	6" Clay to Plastic	7.22				
213		EA.	6" Plastic to Plastic	7.22				
214		EA.	4" Clay to Plastic	3.39				
215		EA.	4" Plastic to Plastic	3.39				

<div>OFFICIAL TALLY SHEET</div> <div>WATER AND SEWER CONSTRUCTION AND REPAIR MATERIALS</div> <div>BID #W2020-02</div>					Core & Main, LP 1220 Brighton-Henrietta Trail Road Rochester, NY 14623	XXX	XXX	XXX	XXX
ITEM #	QNTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	
DUCTILE IRON PIPE, per foot of length									
216		FT.	18" diameter	427.28					
217		FT.	15" diameter	341.82					
218		FT.	12" diameter	215.91					
219		FT.	10" diameter	192.73					
220		FT.	8" diameter	142.28					
221		FT.	6" diameter	121.37					
222		FT.	4" diameter	85.00					

NOTES:

(*) = Exceptions

- | | | |
|---------------------------|---------------------|--|
| ³⁵ Core & Main | (Item #1) | Kennedy |
| ³⁶ Core & Main | (Items #30 - #36) | US Pipe |
| ³⁷ Core & Main | (Items #37 - 42) | Ford w/Blue hardware |
| ³⁸ Core & Main | (Items #47 - 62) | Ford |
| ³⁹ Core & Main | (Items #77 - 81) | Ford |
| ⁴⁰ Core & Main | (Items #82 - 87) | Ford |
| ⁴¹ Core & Main | (Items #153 -162) | Ford |
| ⁴² Core & Main | (Items #163 - 166) | Price quoted per foot, not per roll (\$226.80; \$295.20; \$461.40; \$733.20) |
| ⁴³ Core & Main | (Items #167 - 177) | Ford |
| ⁴⁴ Core & Main | (Items #178 - #180) | US Pipe - Price quoted per foot, not per roll |
| ⁴⁵ Core & Main | (Items #195 - 201) | EJIW |

Item #	Lowest Bidder	Price	Brand
1	Core & Main	2519.03	
2	Lock City	2148.00	
3	Lock City	2245.00	
4	Lock City	2390.00	
5	Core & Main	140.25	
6	Core & Main	168.54	
7	EJ Prescott	32.50	Sigma
8	EJ Prescott	30.50	Sigma
9	EJ Prescott	18.75	Sigma
10	EJ Prescott	31.25	Sigma
11	EJ Prescott	29.50	Sigma
12	EJ Prescott	27.50	Sigma
13	EJ Prescott	23.75	Sigma
14	EJ Prescott	20.00	Sigma
15	Lock City	32.68	
16	Lock City	42.05	
17	EJ Prescott	7.50	
18	EJ Prescott	15.75	Sigma
19	EJ Prescott	13.75	Sigma
20	EJ Prescott	13.50	Sigma
21	EJ Prescott	17.00	Sigma
22	EJ Prescott	8.75	Sigma
23	EJ Prescott	10.00	Sigma
24	EJ Prescott	7.65	Sigma
25	EJ Prescott	7.65	Sigma
26	Lock City	6.00	
27	Lock City	7.80	
28	Lock City	12.00	
29	Lock City	18.00	
30	Lock City	21.51	
31	Lock City	16.54	
32	Lock City	23.33	
33	Lock City	30.58	
34	Lock City	38.50	
35	Lock City	55.72	
36	Lock City	73.16	
37	Lock City	36.56	
38	Lock City	50.28	
39	Lock City	70.77	
40	Lock City	89.74	
41	Lock City	112.05	
42	Lock City	391.60	
43	Lock City	2.35	
44	Lock City	4.69	
45	Lock City	8.11	
46	Lock City	12.18	

Item #	Lowest Bidder	Price	Brand
47	Lock City	55.92	
48	Lock City	73.77	
49	Lock City	101.37	
50	Lock City	67.86	
51	Lock City	79.26	
52	Lock City	79.26	
53	Lock City	108.78	
54	Lock City	74.87	
55	Lock City	85.06	
56	Lock City	85.16	
57	Lock City	120.26	
58	Lock City	87.99	
59	Lock City	101.41	
60	Lock City	101.41	
61	Lock City	92.87	
62	Lock City	121.18	
63	EJ Prescott	460.00	AFC
64	EJ Prescott	585.00	AFC
65	EJ Prescott	914.00	AFC
66	EJ Prescott	1414.00	AFC
67	Lock City	1449.00	
68	Lock City	2436.00	
69	Lock City	3580.00	
70	Lock City	4998.00	
71	EJ Prescott	12.50	
72	EJ Prescott	17.50	
73	EJ Prescott	20.00	
74	EJ Prescott	27.00	
75	EJ Prescott	28.50	
76	EJ Prescott	46.50	
77	Core & Main	13.24	
78	Core & Main	15.57	
79	Core & Main	28.12	
80	Core & Main	23.40	
81	Core & Main	34.70	
82	K&S	11.14	AY McD
83	K&S	30.05	AY McD
84	K&S	30.15	AY McD
85	K&S	48.11	AY McD
86	K&S	49.28	AY McD
87	K&S	36.59	AY McD

Item #	Lowest Bidder	Price	Brand
88	Lock City	1.70	AY McD
89	EJ Prescott	16.00	
90	Lock City	12.50	
91	Lock City	1.94	
92	Lock City	13.20	
93	Lock City	2.56	
94	Lock City	23.48	
95	Lock City	4.86	
96	Lock City	30.43	
97	Lock City	7.68	
98	Lock City	1.77	
99	Lock City	2.69	
100	Lock City	4.59	
101	Lock City	5.87	
102	Lock City	8.69	
103	Lock City	17.39	
104	Lock City	26.29	
105	Lock City	10.47	
106	Lock City	8.69	
107	Lock City	17.39	
108	Lock City	26.29	
109	EJ Prescott	1.50	
110	EJ Prescott	1.90	
111	EJ Prescott	3.30	
112	EJ Prescott	4.80	
113	EJ Prescott	2.25	
114	EJ Prescott	2.75	
115	EJ Prescott	4.75	
116	EJ Prescott	7.00	
117	EJ Prescott	4.35	
118	EJ Prescott	8.35	
119	EJ Prescott	12.30	
120	EJ Prescott	15.85	
121	Lock City	4.09	
122	Lock City	7.28	
123	Lock City	14.04	
124	Lock City	23.00	
125	Lock City	3.34	
126	Lock City	5.14	
127	Lock City	14.20	
128	Lock City	16.61	
129	Lock City	2.69	
130	Lock City	4.09	
131	Lock City	8.69	
132	Lock City	14.32	

Item #	Lowest Bidder	Price	Brand
133	K&S	24.44	
134	K&S	28.57	
135	K&S	29.77	
136	K&S	33.77	
137	K&S	30.46	
138	K&S	52.35	
139	K&S	50.91	
140	K&S	55.12	
141	K&S	53.89	
142	K&S	49.42	
143	K&S	86.95	
144	K&S	140.45	
145	EJ Prescott	12.75	AY McD
146	EJ Prescott	13.40	AY McD
147	EJ Prescott	15.10	AY McD
148	EJ Prescott	18.20	AY McD
149	EJ Prescott	41.40	AY McD
150	EJ Prescott	53.00	AY McD
151	EJ Prescott	63.00	AY McD
152	EJ Prescott	60.25	AY McD
153	Core & Main	51.16	
154	Ti Sales	67.40	
155	Core & Main	73.53	
156	Lock City	165.89	
157	Lock City	260.07	
158	EJ Prescott	190.00	AY McD
159	Lock City	9.26	
160	Lock City	9.51	
161	EJ Prescott	3.50	AY McD
162	EJ Prescott	3.00	AY McD
163	Lock City	184.50	
164	Lock City	241.50	
165	Lock City	376.50	
166	Lock City	600.00	
167	EJ Prescott	56.40	AY McD
168	EJ Prescott	43.80	AY McD
169	EJ Prescott	84.75	AY McD
170	EJ Prescott	68.10	AY McD
171	EJ Prescott	202.50	AY McD
172	EJ Prescott	285.00	AY McD
173	EJ Prescott	204.00	AY McD
174	EJ Prescott	15.55	AY McD
175	EJ Prescott	17.75	AY McD
176	EJ Prescott	59.50	AY McD
177	EJ Prescott	80.25	AY McD

Item #	Lowest Bidder	Price	Brand
178	Lock City	55.72	
179	Lock City	73.16	
180	Lock City	91.74	
181	Core & Main	110.90	
182	Core & Main	142.52	
183	Core & Main	175.95	
184	Core & Main	95.73	
185	Core & Main	168.42	
186	Core & Main	233.85	
187	Lock City	154.75	
188	Lock City	204.94	
189	Lock City	231.39	
190	Lock City	300.91	
191	Lock City	351.35	
192	Lock City	962.13	
193	Lock City	1222.39	
194	Lock City	1301.63	
195	Core & Main	602.22	EJIW
196	Core & Main	128.22	EJIW
197	Core & Main	102.57	EJIW
198	Core & Main	212.47	EJIW
199	Core & Main	180.99	EJIW
200	Core & Main	103.16	EJIW
201	Core & Main	117.23	EJIW
202	Core & Main	65.19	
203	Core & Main	65.19	
204	Core & Main	29.45	
205	Core & Main	29.45	
206	Core & Main	19.46	
207	Core & Main	19.46	
208	Core & Main	16.68	
209	Core & Main	16.68	
210	Core & Main	11.11	
211	Core & Main	11.11	
212	Core & Main	7.22	
213	Core & Main	7.22	
214	Core & Main	3.39	
215	Core & Main	3.39	
216	No Award		
217	No Award		
218	No Award		
219	No Award		
220	No Award		
221	No Award		
222	No Award		

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-016

**DIRECTING ISSUANCE OF REQUEST FOR PROPOSALS
FOR GRANT WRITING AND ADMINISTRATION SERVICES**

WHEREAS, the Niagara Falls Water Board ("Water Board") relies upon grant funding to complete capital improvements and other projects that would not be possible without State and Federal funds; and

WHEREAS, the Water Board uses outside professional services firms for assistance with identifying and preparing applications for grant funding opportunities; and

WHEREAS, the Water Board has not prepared a formal request for proposals for grant writing and administration services recently; and

WHEREAS, soliciting proposals from qualified firms offering grant writing and administrative services will serve the Water Board's interests by assuring that it secures the services best suited to its needs at a competitive cost;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby directs its professional staff to prepare and issue a request for proposals for grant writing and administration services, with the deadline for such proposals to be set within a reasonable time after the providers of such services have been authorized to resume office operations through the expiration or modification of Governor Cuomo's relevant executive orders.

Water Board Personnel Responsible for Implementation of this Resolution:
General Counsel

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
O&M Costs: GA.8110.0001.0451.000

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-017

**AUTHORIZING NYS WATER INFRASTRUCTURE IMPROVEMENT ACT
GRANT APPLICATION, OBLIGATING LOCAL MATCHING FUNDS,
DECLARING INTENT TO SERVE AS SEQR LEAD AGENCY,
AND SEQR TYPE II DETERMINATION**

WHEREAS, the Niagara Falls Water Board (the “Water Board”) has determined that it is appropriate to apply for grant funding to assist in the financing of various capital projects scheduled or estimated for completion within the next year; and

WHEREAS, as authorized by the New York State Water Infrastructure Improvement Act (“WIIA”), the Environmental Facilities Corporation (“EFC”) has been empowered to provide funds to assist in the carrying out of water quality infrastructure projects; and

WHEREAS, the following projects as noted on the Water Board’s Capital Improvement Plan have been identified as eligible for grant funding via the WIIA;

Water system improvements for:

- W1 - Hydrant Replacement, various locations;
- W3 - Large Valve Replacement, various locations; and

Waterline and lead service replacement at:

- W2 - 20 inch main from Beech Avenue Storage Tank to Ontario Street;
- W17 - Laughlin Drive Main - 82nd Street to Bollier Avenue;
- W21 - Ontario Avenue Main - 13th Street to Main Street;
- W25 - Van Rensselaer Avenue - 900 Block; and
- W29 - Witkop Avenue and 85th Street Loop; and

WHEREAS, the estimated total cost of the above projects is \$5,300,000; and

WHEREAS, as the maximum WIIA grant amount available is capped at \$3,000,000, to assist with financing the project the Water Board seeks a long term loan from the EFC for the amount of the project cost above \$3,000,000 and also seeks an EFC short-term loan for the entire project cost; and

WHEREAS, in order to be eligible for the grant funds it seeks, the Water Board must obligate funds in an amount equal to the difference between the maximum WIIA grant and the total project cost; and

WHEREAS, pursuant to the requirements of the State Environmental Quality Review Act (“SEQR”), the Water Board must consider pursuant to criteria set forth in SEQR the environmental implications of the projects described above; and

WHEREAS, the Water Board intends to declare itself as the Lead Agency for SEQR review of the projects; and

WHEREAS, certain actions are classified under SEQR as Type II actions; and

WHEREAS, Type II actions are those actions, or classes of actions, which have been found categorically not to have significant adverse impacts on the environment, or actions that have been statutorily exempted from SEQR review, and Type II actions do not require preparation of an Environmental Assessment Form, a negative or positive declaration, or an Environmental Impact Statement; and

WHEREAS, Type II actions do not require any further SEQR review; and

WHEREAS, the Water Board has considered under SEQR the projects described above, and finds that pursuant to 6 NYCRR Section 617.5 (c) (1) and 617.5(c) (2), the projects constitute Type II actions because they involve “maintenance or repair involving no substantial changes in an existing structure or facility” or “. . . replacement, rehabilitation or reconstruction of a structure or facility, in kind, on the same site, including upgrading buildings to meet building or fire codes, unless such action meets or exceeds any of the thresholds in section 617.4 of this Part,” requiring no further review by the NFWB;

NOW, THEREFORE, BE IT

RESOLVED, that the Water Board hereby authorizes the preparation and submittal of a grant application for the following projects to the Environmental Facilities Corporation:

Water system improvements for:

- W1 - Hydrant Replacement, various locations;
- W3 - Large Valve Replacement, various locations; and

Waterline and lead service replacement at:

- W2 - 20 inch main from Beech Avenue Storage Tank to Ontario Street;
- W17 - Laughlin Drive Main - 82nd Street to Bollier Avenue;
- W21 - Ontario Avenue Main - 13th Street to Main Street;
- W25 - Van Rensselaer Avenue - 900 Block; and
- W29 - Witkop Avenue and 85th Street Loop; and

IT IS FURTHER RESOLVED, that the Water Board hereby declares its intention to serve as the Lead Agency for the proposed actions and will accordingly take such actions as may be required pursuant to such declaration; and

IT IS FURTHER RESOLVED, that the projects listed above hereby are determined to constitute SEQR Type II Actions as defined under the applicable regulations and do not require an environmental impact statement or any other determination or procedure; and

AND IT IS FURTHER RESOLVED, that the Water Board hereby authorizes and designates Clark Patterson Lee, engineers, as its Authorized Representative for the purpose of applying for the grant herein described; and

AND IT IS FURTHER RESOLVED, that the Water Board authorizes and obligates funds in the amount of \$2,300,000 as its share of the total project cost above the maximum WIIA grant of \$3,000,000.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: W1, W2, W3, W17, W21, W25, and W29

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Rena Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board

LIST OF PROJECTS TO BE SUBMITTED FOR WIIA GRANT

Item	Description	Cost
W1	Hydrant Replacement	\$ 750,000.00
W2	20 inch main from Beech Ave Storage Tank to Ontario Street	\$ 1,000,000.00
W3	Large Valve Replacement	\$ 1,250,000.00
W17	Laughlin Drive Main - 82nd Street to Bollier Ave	\$ 630,000.00
W21	Ontario Ave Main - 13th Street to Main Street	\$ 800,000.00
W25	Van Rensselaer Ave - 900 Block	\$ 150,000.00
W29	Witkop Ave and 85th Street Loop	\$ 720,000.00
		\$ 5,300,000.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-018

**AWARDING BID FOR CONTRACT 15688-2G – GENERAL
GENERAL CONTRACTING SERVICES FOR
GORGE PUMP STATION IMPROVEMENT
AND OUTFALL 003 RELOCATION PROJECT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with GHD Consulting Engineers, Inc., to prepare designs, plans, and specifications for certain work to improve the Gorge Pump Station (“GPS”) required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation (“the Project”); and

WHEREAS, the Project also includes the work required to redirect Falls Street Tunnel Outfall 003 combined sewer overflows to the GPS Outfall 006; and

WHEREAS, consistent with New York Law, the General Contracting, Electrical, and Heating and Ventilation portions of the Project were separately bid; and

WHEREAS, the bid for the Project’s general contracting work was duly advertised as Contract 15688-2G – General; and

WHEREAS, three bids were received for the General Contracting portion of the Project, one of which has been rejected as incomplete; and

WHEREAS, the low bidder for Contract 15688-2G – General was STC Construction, Inc., with a total bid of \$3,215,000; and

WHEREAS, GHD recommends the award of the bid to STC Construction, Inc.; and

WHEREAS, up to one half of the cost of the work that is being awarded pursuant to this resolution will be reimbursable under the Water Board’s State and Municipal Facilities Program (“SAM”) Grant, Project ID No. 15688;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with STC Construction, Inc., for Contract 15688-2G – General, for a total amount not to exceed the bid of \$3,215,000.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: WWTP 2 and WWTP 2B

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



Memorandum

May 11, 2020

To: Niagara Falls Water Board

Ref. No.: 11194110

From: Casey Cowan, PE

Tel: 716-856-2142

cc: Robert P. Lannon Jr., PE ; Daniel J. Kolkman,

Subject: Gorge Pump Station Rehabilitation (Project 2) and Falls Street Tunnel Outfall 003 Redirection (Project 2B)

Enclosed are the tabulation of bids received and recommendations to award three (3) contracts for the Gorge Pump Station (GPS) Rehabilitation project. This project includes work at the GPS (Project 2) and the CSO Outfall 003 redirection work on the Falls Street Tunnel (FST) (Project 2B). These two projects have been combined into one capital project, as they are interrelated and to take full advantage of the engineering economies of doing this work concurrently. Both projects are being completed as a requirement of the Niagara Falls Water Board's (NFWB's) Order on Consent with the New York State Department of Environmental Conservation (NYSDEC).

The Project 2 work at the GPS involves replacement of the three (3) main lift pumps (each rated for 13 million gallons per day [mgd] with 500 horsepower motors), replacement of the pump control variable frequency drive (VFDs), replacement of some heating and ventilation units, rebuild of the influent sewer debris grinders, replacement of sluice gates, lighting replacement, and other miscellaneous work. These improvements will restore the permit required pumping capacities, and make the station safer and more reliable for operations.

The Project 2B work includes modifications of a combined sewer overflow (CSO) regulator within the FST at drop shaft zero (DSZ), which lies underneath the Rainbow Bridge US Customs inspection plaza. A concrete bulkhead opening will be enlarged and a dam will be installed at DSZ to redirect CSO Outfall 003 discharges away from the Niagara Falls tourist area. Larger storm events will continue to discharge CSOs at Outfall 003 as a necessary means of relieving the combined sewer system and prevention of flooding; however, a majority of overflow events will be redirected to the GPS. This redirected CSO flow will be conveyed to the GPS and CSO Outfall 006, which is in a less visible area of the Niagara Gorge. Improvements will be made at the GPS to handle this additional flow, including debris removal from the two (2) overflow channels, repairs to the CSO flow measuring weirs, and new hatches to gain access into the overflow channels.

Below is a summary of the original budgeted costs for this work and actual costs with the current construction bid pricing:



Summary of Original Budget Costs vs. Actual Costs to Date

Description	Project Costs
Original Budgeted Project Costs (Construction and Engineering)	
GPS Rehabilitation (Project 2)	\$4,110,000
Outfall 003 Redirection (Project 2B)	\$1,625,410
Total Project Costs	\$5,735,410
Total Engineering Fees Approved for GHD	\$452,330
Remaining Budget for Construction	\$5,283,080
GHD's Estimated Construction Bid Total	\$4,405,000
Actual Construction Bid Total	\$4,497,700
Project 2/2B Remaining Budget	\$785,380



May 7, 2020

Reference No. 11194110

Pat Fama
Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Dear Mr. Fama:

**Re: Niagara Falls Water Board
Gorge Pump Station Improvement Project
Contract 15688-2G – General
Recommendation of Award**

On Wednesday, May 6, 2020 at 11:00 a.m. local time, the Niagara Falls Water Board received three bids for the above-referenced project. The bids were as follows:

<u>Bidder</u>	<u>Total Amount of Bid</u>
STC Construction, Inc.	\$3,215,000.00
*Hohl Industrial Services, Inc.	\$3,218,000.00
Pinto Construction Services, Inc.	\$4,955,000.00

**** The bid received from Hohl Industrial Services, Inc., did not contain Page 2 of the bid proposal and therefore, is non-responsive.***

We have enclosed one copy of the bid tabulation for your information.

We have reviewed the qualifications and experience of the low bidder for the above-referenced project, STC Construction, Inc., and have found they have performed similar work acceptably. We, therefore, recommend award of the Gorge Pump Station Improvement Project, Contract 15688-2G – General to STC Construction, Inc., in the Total Bid Amount of \$3,215,000.00, contingent upon availability of project funding and review by the Board's legal counsel.

If you have any questions or require additional information, please advise.

Sincerely,

GHD

Daniel J. Kolkmann
Construction Manager

DJK/snb/Fama-3

Encl. Bid Tabulation

cc: Doug Williamson – NFWB
Sean Costello – NFWB
Robert P. Lannon, PE – GHD
File: 11194110 – Correspondence

TABULATION OF BIDS

PAGE 1

OWNER
 NIAGARA FALLS WATER BOARD
 ERIE COUNTY, NEW YORK

PROJECT
 GORGE PUMP STATION REHABILITATION
 CONTRACT 15688-2G - GENERAL

ENGINEER

GHD CONSULTING SERVICES INC.
 285 DELAWARE AVENUE, SUITE 500
 BUFFALO, NEW YORK 14202

DATE ADVERTISED: 4/10/2020
DATE OPENED: 5/6/2020
DATE TABULATED: 5/6/2020
TABULATED BY: SNB

11194110

BIDDER'S NAME:			STC CONSTRUCTION, INC.		HOHL INDUSTRIAL SVCS., INC.		PINTO CONSTRUCTION SERVICES, INC.	
ADDRESS:			P. O. BOX 459 SPRINGVILLE, NY 14141		770 RIVERVIEW BOULEVARD TONAWANDA, NY 14150		132 DINGENS STREET BUFFALO, NY 14206	
ITEM NO.	DESCRIPTION	BID UNITS	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID
1	MOBILIZATION/DEMOBILIZATION	1 FMAX LS	\$100,000.00	\$100,000.00	N/A	N/A	\$100,000.00	\$100,000.00
2A	GORGE PUMP STATION REHABILITATION	1 LS	\$1,897,000.00	\$1,897,000.00	N/A	N/A	\$3,100,000.00	\$3,100,000.00
3A	GORGE PUMP STATION CHANNEL GRINDER REHABILITATION	1 LS	\$326,000.00	\$326,000.00	N/A	N/A	\$395,000.00	\$395,000.00
3B	GORGE PUMP STATION CHANNEL GRINDER FACTORY REBUILD	1 ALL	\$180,000.00	\$180,000.00	N/A	N/A	\$180,000.00	\$180,000.00
4A	GENERAL CONSTRUCTION - REDIRECT OUTFALL 003: DROP SHAFT ZERO WORK	1 LS	\$177,000.00	\$177,000.00	\$355,300.00	\$355,300.00	\$380,000.00	\$380,000.00
4B	MAINTENANCE & PROTECTION OF TRAFFIC	1 LS	\$4,000.00	\$4,000.00	\$85,300.00	\$85,300.00	\$50,000.00	\$50,000.00
4C	GENERAL CONSTRUCTION - REDIRECT OUTFALL 003 - GORGE PUMP STATION WORK	1 LS	\$381,000.00	\$381,000.00	\$621,100.00	\$621,100.00	\$600,000.00	\$600,000.00
5	CONCRETE SPALLING REPAIR ALLOWANCE	1 ALL	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
6	ADDITIONAL WORK	1 ALL	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
GRAND TOTAL BID FOR ITEMS 1 - 6				\$3,215,000.00	*	\$3,218,000.00		\$4,955,000.00
*Bid received from Hohl Industrial did not contain Page 2 of the Bid Proposal.								

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-019

**AWARDING BID FOR CONTRACT 15688-2E – ELECTRICAL
ELECTRICAL WORK FOR
GORGE PUMP STATION IMPROVEMENT
AND OUTFALL 003 RELOCATION PROJECT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with GHD Consulting Engineers, Inc., to prepare designs, plans, and specifications for certain work to improve the Gorge Pump Station (“GPS”) required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation (“the Project”); and

WHEREAS, the Project also includes the work required to redirect Falls Street Tunnel Outfall 003 combined sewer overflows to the GPS Outfall 006; and

WHEREAS, consistent with New York Law, the General Contracting, Electrical, and Heating and Ventilation portions of the Project were separately bid; and

WHEREAS, the bid for the Project’s electrical work was duly advertised as Contract 15688-2E – Electrical; and

WHEREAS, four bids were received for the electrical portion of the Project; and

WHEREAS, the low bidder for Contract 15688-2E – Electrical was CIR Electrical Construction Corp., with a total bid of \$418,300; and

WHEREAS, GHD recommends the award of the bid to CIR Electrical Construction Corp.; and

WHEREAS, up to one half of the cost of the work that is being awarded pursuant to this resolution will be reimbursable under the Water Board’s State and Municipal Facilities Program (“SAM”) Grant, Project ID No. 15688;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with CIR Electrical Construction Corp., for Contract 15688-2E – Electrical, for a total amount not to exceed the bid of \$418,300.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: WWTP 2

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



May 7, 2020

Reference No. 11194110

Pat Fama
Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Dear Mr. Fama:

**Re: Niagara Falls Water Board
Gorge Pump Station Improvement Project
Contract 15688-2E – Electrical
Recommendation of Award**

On Wednesday, May 6, 2020 at 11:00 a.m. local time, the Niagara Falls Water Board received four bids for the above-referenced project. The bids were as follows:

<u>Bidder</u>	<u>Total Amount of Bid</u>
CIR Electrical Construction Corp.	\$418,300.00
Ferguson Electric Construction Co., Inc.	\$445,000.00
O'Connell Electric Company	\$531,000.00
Frey Electric Construction Company	\$655,000.00

We have enclosed one copy of the bid tabulation for your information.

We have reviewed the qualifications and experience of the low bidder for the above-referenced project, CIR Electrical Construction Corp., and have found they have performed similar work acceptably. We, therefore, recommend award of the Gorge Pump Station Improvement Project, Contract 15688-2E – Electrical to CIR Electrical Construction Corp., in the Total Bid Amount of \$418,300.00, contingent upon availability of project funding and review by the Board's legal counsel.

If you have any questions or require additional information, please advise.

Sincerely,

GHD

Daniel J. Kolkman
Construction Manager

DJK/snb/Fama-3

Encl. Bid Tabulation

cc: Doug Williamson – NFWB
Sean Costello – NFWB
Robert P. Lannon, PE – GHD
File: 11194110 – Correspondence

TABULATION OF BIDS

PAGE 1

OWNER

NIAGARA FALLS WATER BOARD
ERIE COUNTY, NEW YORK

PROJECT

GORGE PUMP STATION REHABILITATION
CONTRACT 15688-2E - ELECTRICAL

ENGINEER

GHD CONSULTING SERVICES INC.
285 DELAWARE AVENUE, SUITE 500
BUFFALO, NEW YORK 14202

DATE ADVERTISED: 4/10/2020
DATE OPENED: 5/6/2020
DATE TABULATED: 5/6/2020
TABULATED BY: SNB

11194110

BIDDER'S NAME:			CIR ELECTRICAL CONSTRUCTION CORP.		FERGUSON ELECTRIC CONSTRUCTION CO., INC.		O'CONNELL ELECTRIC CO.		FREY ELECTRIC CONSTRUCTION CO.	
ADDRESS:			400 INGHAM AVENUE BUFFALO, NY 14218		333 ELLICOTT STREET BUFFALO, NY 14203		20 LANCASTER PARKWAY LANCASTER, NY 14304		100 PEARCE AVENUE TONAWANDA, NY 14150	
ITEM NO.	DESCRIPTION	BID UNITS	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID
1	MOBILIZATION/DEMOBILIZATION	1 FMAX LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
2	GORGE PUMP STATION REHABILITATION	1 LS	\$363,300.00	\$363,300.00	\$390,000.00	\$390,000.00	\$476,000.00	\$476,000.00	\$600,000.00	\$600,000.00
3	ADDITIONAL WORK	1 LS	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
GRAND TOTAL BID FOR ITEMS 1 - 3				\$418,300.00		\$445,000.00		\$531,000.00		\$655,000.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-020

**AWARDING BID FOR CONTRACT 15688-2H – HEATING & VENTILATION
HEATING AND VENTILATION WORK FOR
GORGE PUMP STATION IMPROVEMENT
AND OUTFALL 003 RELOCATION PROJECT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with GHD Consulting Engineers, Inc., to prepare designs, plans, and specifications for certain work to improve the Gorge Pump Station (“GPS”) required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation (“the Project”); and

WHEREAS, the Project also includes the work required to redirect Falls Street Tunnel Outfall 003 combined sewer overflows to the GPS Outfall 006; and

WHEREAS, consistent with New York Law, the General Contracting, Electrical, and Heating and Ventilation portions of the Project were separately bid; and

WHEREAS, the bid for the Project’s heating and ventilation work was duly advertised as Contract 15688-2H – Heating and Ventilation; and

WHEREAS, four bids were received for the heating and ventilation portion of the Project; and

WHEREAS, the low bidder for Contract 15688-2H – Heating and Ventilation was John W. Danforth Company, with a total bid of \$864,400; and

WHEREAS, GHD recommends the award of the bid to John W. Danforth Company; and

WHEREAS, up to one half of the cost of the work that is being awarded pursuant to this resolution will be reimbursable under the Water Board’s State and Municipal Facilities Program (“SAM”) Grant, Project ID No. 15688;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with John W. Danforth Company, for Contract 15688-2H – Heating and Ventilation, for a total amount not to exceed the bid of \$864,400.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: WWTP 2

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



May 7, 2020

Reference No. 11194110

Pat Fama
Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Dear Mr. Fama:

**Re: Niagara Falls Water Board
Gorge Pump Station Improvement Project
Contract 15688-2H – Heating & Ventilation
Recommendation of Award**

On Wednesday, May 6, 2020 at 11:00 a.m. local time, the Niagara Falls Water Board received three bids for the above-referenced project. The bids were as follows:

<u>Bidder</u>	<u>Total Amount of Bid</u>
John W. Danforth Company	\$864,400.00
Quackenbush Company, Inc.	\$947,000.00
Mollenberg Betz Inc.*	\$1,005,000.00

**** There was a mathematical error in the bid received from Mollenberg Betz Inc. However, the error did not affect the determination of the low bidder.***

We have enclosed one copy of the bid tabulation for your information.

We have reviewed the qualifications and experience of the low bidder for the above-referenced project, John W. Danforth Company, and have found they have performed similar work acceptably. We, therefore, recommend award of the Gorge Pump Station Improvement Project, Contract 15688-2H – Heating & Ventilation to John W. Danforth Company, in the Total Bid Amount of \$864,400.00, contingent upon availability of project funding and review by the Board's legal counsel.

If you have any questions or require additional information, please advise.

Sincerely,

GHD

Daniel J. Kolkman
Construction Manager

DJK/snb/Fama-3

Encl. Bid Tabulation

cc: Doug Williamson – NFWB
Sean Costello – NFWB
Robert P. Lannon, PE – GHD
File: 11194110 – Correspondence

TABULATION OF BIDS

PAGE 1

OWNER

NIAGARA FALLS WATER BOARD

ERIE COUNTY, NEW YORK

PROJECT

GORGE PUMP STATION REHABILITATION

CONTRACT 15688-2H - HEATING & VENTILATION

ENGINEER

GHD CONSULTING SERVICES INC.

285 DELAWARE AVENUE, SUITE 500

BUFFALO, NEW YORK 14202

DATE ADVERTISED:

4/10/2020

DATE OPENED:

5/6/2020

DATE TABULATED:

5/6/2020

TABULATED BY:

SNB

11194110

BIDDER'S NAME:			JOHN W. DANFORTH CO.		QUACKENBUSH CO., INC.		MOLLENBERG BETZ INC.	
ADDRESS:			300 COLVIN WOODS PARKWAY TONAWANDA, NY 14150		495 KENNEDY ROAD BUFFALO, NY 14227		300 SCOTT STREET BUFFALO, NY 14204	
ITEM NO.	DESCRIPTION	BID UNITS	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID	PRICE PER UNIT	AMOUNT BID
1	MOBILIZATION/DEMOBILIZATION	1 FMAX LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
2A	GORGE PUMP STATION REHABILITATION WET WELL IMPROVEMENTS	1 LS	\$535,400.00	\$535,400.00	\$603,000.00	\$603,000.00	\$317,500.00	\$317,500.00
2B	GORGE PUMP STATION REHABILITATION DRY WELL IMPROVEMENTS	1 LS	\$279,000.00	\$279,000.00	\$294,000.00	\$294,000.00	\$637,500.00	\$637,500.00
3	ADDITIONAL WORK	1 ALL	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
GRAND TOTAL BID FOR ITEMS 1 - 3				\$864,400.00		\$947,000.00	*	\$1,005,000.00

**APPROVING ZERO COST CHANGE ORDER
FOR 2700 BLOCK INDEPENDENCE AVENUE COMBINED SEWER REPAIR**

WHEREAS, following reports of water backing up into basements, the Niagara Falls Water Board (“Water Board”) discovered that there were two significant collapses on the 12-inch combined sewer main serving a portion of the 2700 block of Independence Avenue; and

WHEREAS, because of the depth of the required repairs and other factors, the sewer repair project exceeded the scope of what Water Board crews can complete, and the project therefore was let through an emergency bid prepared by the City of Niagara Falls Engineering Department; and

WHEREAS, the Water Board awarded the contract for the emergency 12” combined sewer repair project on the 2700 block of Independence Avenue to Accadia Site Contracting, Inc., at a total base bid item price of \$141,351; and

WHEREAS, the repair now is complete; and

WHEREAS, bids for sewer repairs are based on estimated bid item quantities, as the exact subterranean conditions cannot be known prior to excavation; and

WHEREAS, in the course of the repair, excavation revealed conditions that resulted in the quantities for certain bid items exceeding the estimated quantities for those items as set forth in the bid specifications, with the overruns on those bid items adding \$5,393.79 to the project cost; and

WHEREAS, there were cost underruns on other aspects of the project, and as a result the total cost to perform the work will not exceed \$141,351, the base bid item price approved by the Water Board; and

WHEREAS, City Engineering has requested that the Water Board approve a change order so that the project records correctly reflect the work as performed;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby approves a \$0.00 change order to the contract with Accadia Site Contracting, Inc., for the repair of a sewer at the 2700 block of Independence Avenue in order to adjust the estimated bid item quantities to match actual project expenditures.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CPO18-00046MCE

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board



May 8, 2020

TO: Niagara Falls Water Board
FROM: Patrick Fama - Executive Director
Robert Buzzelli – Civil Engineer III
SUBJECT: CHANGE ORDER #1/FINAL: \$0.00
EMERGENCY 12" COMBINED SEWER REPAIR
2700 BLK. INDEPENDENCE AVENUE

Proposals for a sewer repair at the above-referenced location were received on January 17, 2020 at 2:00 P.M. Of the three (3) companies actively bidding, the firm of Accadia Site Contracting, Inc. was found to be the lowest responsible bidder for the repairs known to be necessary, at \$141,351.00.

As the intended sewer repair progressed, multiple unmarked, unused lead water services were encountered within the limits of the excavation. The contractor was instructed to secure the services of a City of Niagara Falls licensed master plumber and arrange for the removal of the lead services in question within the confines of the project area. The cost for the additional tasks cited above, using a combination of competitively bid item pricing and the Contingency Item rates included within the contract itself, added \$5,393.79 to the project cost. However, quantity underruns elsewhere in the project will allow for complete payment of the extra work without the allotment of any additional funds.

It is the recommendation of the undersigned that the Niagara Falls Water Board allow for payment of the additional quantities referenced above via a no dollar change order to the contract in a form acceptable to the Board's legal counsel.

Respectfully submitted,

Patrick Fama, Executive Director

Robert Buzzelli, Civil Engineer III

Meeting: May 18, 2020

Foster _____ Kimble _____ Larkin _____ Leffler _____ Brown _____

NIAGARA FALLS WATER BOARD RESOLUTION # 2020-05-022

**APPROVING AND ACCEPTING INDEPENDENT
AUDIT AND INVESTMENT REPORTS**

WHEREAS, the Niagara Falls Water Board engaged EFPR Group LLP (“EFPR”), Certified Public Accountants, to perform an independent audit of its financial statements for the years ending December 31, 2019 and December 31, 2018; and

WHEREAS, the Water Board also engaged EFPR to prepare its annual investment report as required by Section 2925 of the Public Authorities Law; and

WHEREAS, the Water Board is in receipt of the independent auditors’ audit and investment reports dated May 13, 2020, and Water Board management has advised that it has reviewed and responded to the auditors’ findings;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board approves and accepts the May 13, 2020 independent auditors’ report prepared by EFPR Group LLP, Certified Public Accountants, for the years ending December 31, 2019 and December 31, 2018 and the 2019 investment report dated May 13, 2020.

Water Board Personnel Responsible for Implementation of this Resolution:
Director of Financial Services

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Not applicable.

On May 18, 2020, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Brown	[]	[]	[]	[]
Board Member Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Acting Chair Kimble	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Renae Kimble, Acting Chairperson

Sean W. Costello, Secretary to Board