

PETERBOROUGH UTILITIES COMMISSION

June 1, 2021

COMMISSION AGENDA

2021:06:24

NOTICE & AGENDA

A MEETING OF THE PETERBOROUGH UTILITIES COMMISSION WILL BE HELD ON **THURSDAY, JUNE 24, 2021 AT 4:00 P.M.** THE MEETING WILL BE HELD USING MICROSOFT TEAMS.

0.01 **CALL TO ORDER**

0.02 **DECLARATION OF PECUNIARY INTEREST**

1. **CONSENT AGENDA**

1.01 MINUTES - MAY 27, 2021

1.02 OPERATING REPORT - MAY 2021

2. **REPORTS**

2.01 PROPOSAL REQUEST W-2021-4
STRUCTURAL LINING OF EXISTING WATER MAINS

3. **COMMUNICATIONS**

4. **NEW BUSINESS**

5. **DATE OF NEXT MEETINGS**

OCTOBER 21, 2021

6. **ADJOURNMENT**

John Stephenson
President & CEO

MAY 27, 2021

MINUTES OF THE **VIRTUAL** MEETING OF THE PETERBOROUGH UTILITIES COMMISSION HELD ON **THURSDAY, MAY 27, 2021 AT 4:00 P.M.** THE MEETING WAS HELD USING MICROSOFT TEAMS.

0.01 **CALL TO ORDER**

0.02 **DECLARATION OF PECUNIARY INTEREST**

1. **CONSENT AGENDA**

1.01 MINUTES – APRIL 22, 2021

1.02 OPERATING REPORTS
- MARCH 2021
- APRIL 2021

2. **REPORTS**

2.01 INTERIM UNAUDITED FINANCIAL STATEMENTS FOR THE THREE MONTH PERIOD ENDED MARCH 31, 2021

2.02 PUC ANNUAL REPORT

3. **COMMUNICATIONS**

4. **NEW BUSINESS**

5. **DATE OF NEXT MEETING**

JUNE 24, 2021

6. **ADJOURNMENT**

Chair

Read and approved this

day of

2020

MAY 27, 2021

MINUTES OF THE **VIRTUAL** MEETING OF THE PETERBOROUGH UTILITIES COMMISSION HELD ON **THURSDAY, MAY 27, 2021 AT 4:01 P.M.** THE MEETING WAS HELD USING MICROSOFT TEAMS.

Present: Mayor Diane Therrien, Chair
 Councillor Gary Baldwin
 Councillor Dean Pappas
 Councillor Steven Wright
 Regrets: Councillor Don Vassiliadis, Vice-Chair

Staff members present: Mr. John Stephenson, President & CEO
 Mr. Kyle Davis, CFO
 Mr. Pat Devlin, Vice-President, Water Utility Services
 Mr. David Whitehouse, Vice-President Corporate & Customer Service
 Ms. Patricia Skopelianos, Quality Assurance Program Manager
 Ms. Suzette Lake, Corporate Communications and Records Compliance Coordinator

1. **CONSENT AGENDA**

1.01 MINUTES – APRIL 22, 2021

1.02 OPERATING REPORTS
 - MARCH 2021
 - APRIL 2021

It was moved by Councillor D. Pappas, seconded by Councillor S. Wright and carried:

“THAT the consent agenda be approved.”

2. **REPORTS**

2.01 **INTERIM UNAUDITED FINANCIAL STATEMENTS FOR THE THREE MONTH PERIOD ENDED MARCH 31, 2021**

Chair

Read and approved this

day of

2020

Councillor G. Baldwin asked management if they anticipate further increases in product costs as mentioned in the report and if so, if there is a contingency built into our capital projects. Management stated that many of these pricing increases began in 2020 and while they have continued into 2021, management continues to work with vendors to manage pricing increases and they appear to have stabilized. Management also noted that they have built in a contingency in overall costs on current projects.

Councillor D. Pappas commented on the anticipated drought this summer, and if we anticipate water usage will increase. Management responded that water demand is higher than usual for this time of year and anticipate this trend to continue.

It was moved by Councillor D. Pappas, seconded by Councillor S. Wright and carried:

“THAT the report be received for information.”

2.02 PUC ANNUAL REPORT

Councillor G. Baldwin asked if there are any concerns from customers on fluoridation in the drinking water. Management responded that once or twice a year we receive a request for information on fluoridation levels, usually these requests are from a customer moving into the area, or a student conducting research.

Councillor G. Baldwin asked if we would be using the mobile drinking water station this summer for events. Management responded due to COVID19 safety measures we will not be using the mobile drinking water station this summer. We have partnered with the city to assist in setting up more local water stations for public use.

The Commission thanked Management for the excellent report.

It was moved by Councillor S. Wright, seconded by Councillor G. Baldwin and carried:

“THAT the report be received for information.”

Chair

Read and approved this

day of

2020

MAY 27, 2021

4. **COMMUNICATIONS**

None

5. **NEW BUSINESS**

None

6. **DATE OF NEXT MEETINGS**

JUNE 24, 2021

7. **ADJOURNMENT**

The Chair accepted a motion of adjournment by Councillor D. Pappas seconded by Councillor S. Wright at 4:29 p.m.

Chair

Read and approved this

day of

2020

PETERBOROUGH UTILITIES COMMISSION **REPORT**

June 9, 2021

1.02

COMMISSION AGENDA
2021:06:24

OPERATING REPORT – MAY 2021

INFORMATION ITEM

The following monthly operating report is provided for the Commission's information.

Prepared by: Ginette Power, Administrative Assistant

Submitted by: Patrick Devlin, Vice-President Water Utility Services

Approved for Submission by: _____
President & CEO

Management Discussion

Following is the Operating Report for the month of May 2021 for the various departments:

Water Distribution Department

| | <u>May 2021</u> | <u>May 2020</u> | <u>Increase Or Decrease</u> |
|-----------------------------------|---------------------|---------------------|---------------------------------|
| Services Installed | 1 | 3 | -2 |
| Services Repaired | 6 | 4 | +2 |
| Services Replaced | 7 | 0 | +7 |
| Services Cut-Off | 0 | 3 | -3 |
| Services Lowered or Insulated | 0 | 0 | 0 |
| Service Valves and Posts Repaired | 10 | 1 | +9 |
| Fire Hydrants Installed | 0 | 0 | 0 |
| Fire Hydrants Replaced | 1 | 0 | +1 |
| Fire Hydrants Repaired | 1 | 7 | -6 |
| Mainline Valves Installed | 0 | 0 | 0 |
| Mainline Valves Replaced | 0 | 1 | -1 |
| Mainline Valves Repaired | 0 | 0 | 0 |
| Mainline Valve Box Repairs | 0 | 0 | 0 |

Customer Service Interruptions

| <u>Address</u> | <u>Reason</u> | <u>Length of Interruption</u> | <u>No. of Customers Affected</u> |
|-----------------------|----------------|-----------------------------------|--------------------------------------|
| 27 Park Street S | Service repair | 0 | 1 |
| 379 Dominion Crescent | Service repair | 0.3 hrs | 26 |
| 250 Milroy Drive | Service repair | 0.15 hrs | 3 |

Four hundred and thirty-seven backflow tests and 50 backflow prevention surveys were completed.

Two new Water Distribution Operators started work on May 17, 2021.

Water Treatment Plant and Pumping Stations

| | <u>May 2021</u> | <u>May 2020</u> | <u>Increase Or Decrease</u> | <u>%</u> |
|--|---------------------|---------------------|-------------------------------------|----------|
| <u>Water Pumpage (ML)</u> | | | | |
| Total Pumpage (ML) | 838.7 | 800.2 | 38.5 | 5% |
| <u>Rate of Pumpage (ML per day)</u> | | | | |
| Maximum Day | 34.7 | 31.1 | 3.6 | 12% |
| Average Day | 27.9 | 25.8 | 2.1 | 8% |
| <u>Chemical Treatment (Average) (Milligrams per Litre)</u> | | | | |
| Contact Tank – Chlorine | 0.5 | 0.5 | 0 | |
| Coagulant (Alum) | 47.2 | 44.8 | 2.4 | 5% |
| Coagulant (PaCl) | | | | |
| BW46 M Sodium Silicate (Corrosion Control & pH Adjustment) | 0 | 0 | 0 | |
| Fluoride – Total | 0.7 | 0.7 | 0 | |
| Water °C | 14.9 | 13.4 | 1.5 | |
| Precipitation (mm) | 16.4 | 62.8 | -46.4 | |

Water Treatment Plant

A new engine coolant reservoir was fabricated and installed on the Natural Gas Generator engine.

The vacuum priming valve on Low lift Pump #1 was replaced with a new unit.

A new level transmitter was installed on the Sodium Hydroxide bulk storage tank.

Staff participated in the Ontario Water Works Association virtual conference.

Pumphouse

A faulty heat exchanger on Generator #3 was replaced with a new unit.

A new tachometer was installed on Water Wheel #1.

Reservoirs and Pumping Stations

Fairmount Pumping Station: Staff erected a wooden fence around the newly installed diesel tank.

Firmware updates were completed to the SCADA PLCs at all pumping stations.

Normal maintenance and repairs were carried out.

Riverview Park and Zoo

The Park and Zoo continued to implement additional/augmented measures in response to the impact of COVID variants and new guidelines from the local Medical Officer of Health.

No facility rental bookings or other on-site events were booked for May as part of our ongoing response to the COVID-19 pandemic.

With the significant local COVID case load in May, we continued the suspension of our on-site utilization of placement students and volunteers as well as all curb-side sales, on-site education activities and on-site research support.

As noted above, all Park and Zoo's regular in-person education programs, tours, workshops, remained suspended in May. Park and Zoo staff were however able to deliver a variety of distance-learning/virtual programs including:

- Pathway to Stewardship and Kinship; Enrollment of Virtual Classroom Pets & Virtual Tours, second round includes 7 classes (115 students) and 1 at Home Day Care Tour (74 students) over 4 weeks. (Pre-school to Grade 3)
- Peterborough Children's Water Festival #WaterWednesday: Protection Sessions reaching over 1500 students' workshop (Grade 3 to 6).
- Environment Symposium Virtual Workshops on Biodiversity and Conservation May 27 & 28 reaching 750 students in Grade 3/4 and Grade 7/8
- CALAS (Canadian Association for Laboratory Animal Science) Symposium – Produced and Provided Videos on Culture of Care, Enrichment and Training at Riverview.

Our ongoing social media campaign continued with the Park and Zoo's Instagram account reaching a milestone of 5000 followers. Activities included an Instagram live session on World Migratory Bird Day (Bird Friendly Windows) and the creation of video resources for workshops on our website, YouTube channel and with Google Classrooms.

Fundraising activity in May included Animal Adoption revenue of \$2,150, partnership with Hydro One Networks through their Safe Communities Fund asking for \$25,000 and long-term partnership. Additionally, Ennismore pharmacy raised nearly \$1,900 for our Animal Care Fund. Three donated memorial benches were installed.

Development news included the confirmation of Canada Summer Jobs Grant for \$23,948 to subsidize income for support up to 8 student positions for 8 weeks. Our revised Membership Program plan and communication strategy was submitted for approval. Work has begun on a draft application for the Healthy Communities Initiative (due June 24). There is up to \$18K available for safe outdoor spaces.

In May, changes to the animal collection included the hatching of a critically endangered Sulawesi Forest Turtle. We now have five juveniles, all hatched as part of our breeding program for this species. Other changes included the death of a slender-tailed meerkat and the death of a red-billed hornbill as well as a Sichuan takin that was euthanized following a long illness. Additions to collection included 25 poison dart frogs, 2 archer fish and a sun conure.

Animal health activities in May included routine treatments of the otters and macaws, bi-weekly rounds with Dr. Sallaway and annual health processing performed on the dwarf crocodiles. Our macaw and emus were also vaccinated against West Nile virus.

There were 1,344 enrichment activities performed with a variety of species within the collection during the month. Forty-six active training sessions were completed involving two species.

In May, Park Staff have been very busy with cutting and trimming the grounds. Work continued on a new large vegetable garden with the produce to be used to help feed the animals. Staff have also been working on several smaller "in-house" projects to make improvements to animal exhibits/holdings and Park and Zoo facilities.

Scheduled Public Hours**Weekday and Weekends**

***The Park and Zoo remained closed in May as a precautionary measure in response to the COVID-19 outbreak.

| PARK PROPERTY | ZOO EXHIBITS | SNACK BAR | TRAIN RIDE |
|----------------------|---------------------|------------------|-------------------|
| Closed | Closed | Closed | Closed |

| GUEST SERVICES | NORTH WASHROOM | SOUTH WASHROOM | PICNIC AREA & WASHROOM |
|-----------------------|-----------------------|-----------------------|-----------------------------------|
| Closed | Closed | Closed | Closed |

Budget and Financial Implications

There were no significant changes in expenditures that would upset the budget or have financial implications.

Risk Evaluation

There were no significant changes in risk profile during this operating period.

Attachments: Nil

PETERBOROUGH UTILITIES COMMISSION REPORT

June 14, 2021

2.01

COMMISSION AGENDA
2021:06:24

PROPOSAL REQUEST W-2021-4 STRUCTURAL LINING OF EXISTING WATER MAINS

RECOMMENDATION

THAT contract W-2021-4 for the cured-in-place structural lining of existing watermain be awarded to the highest rated contractor, **New Tide Construction**, for the tendered amount of **\$966,510.00 plus \$200,000.00** Contingency amount to structurally line watermain on Parkhill Road West and Stannor Drive.

Prepared by: Michael Meyers, P. Eng., Water Utility Manager, Engineering Services

Submitted by: Patrick Devlin, Vice-President Water Utility Services

Approved for Submission by: _____
President & CEO

Background

As part of the approved capital Watermain Replacement budget for 2021, work includes the structural rehabilitation of existing watermain on Parkhill Road West and existing watermain on Stannor Drive.

These two streets are ideal candidates for structural lining, as replacement would be cost prohibitive and difficult due to the existing water main location as well as traffic considerations. This is similar to the cement mortar lining process except the lining product used will restore the structural integrity of the original pipe avoiding removal of the watermain. We successfully used this technology on several streets in 2016, 2017 and 2018 and overall it was deemed to be very effective, with great reduction in impact to the public.

Further, paving is planned for Parkhill Road West in 2022 and it would be advantageous to complete the structural lining project in advance of the planned paving work for a higher quality road surface.

Management Discussion

The Tender W-2021-4 was closed at 2:00 p.m., Wednesday, June 2nd, 2021.

The work includes:

- Cleaning and structural lining of 580 metres of 200 mm dia watermain and 20 metres of 150 mm dia watermain on Parkhill Road West from 70 m west of the Facendi Drive intersection to 90 m west of the Pinehill Drive intersection.
- Cleaning and structural lining 320 metres of 150 mm water main on Stannor Drive.

Budget and Financial Implications

This tender follows the water distribution work program presented at the 2021 Budget & Finance Committee meeting, in the report titled “Water Utility, Capital Budget 2021”.

Three (3) tenders were received, and all were acceptable for evaluation. Tenders were evaluated based on three criteria – safety, experience and price. The overall scores of the three tenders were as follows:

| | |
|---------------------------|-------------|
| New Tide Construction | 93.1 Points |
| Fer-Pal Construction Ltd. | 73.8 Points |
| North Rock Group Ltd. | 71.4 Points |

The tender pricing ranged from \$966,510.00 to \$1,491,185.00 (excluding HST).

The value of the work in the tender including Provisional Items was estimated to be \$1,400,000.00 with a total approved project budget of \$1,750,000.00 including related

overhead PUC costs. The highest rated bidder was New Tide Construction. who had an acceptable bid of \$966,510.00 (including Provisional Items), and is within budget. Including a recommended \$200,000.00 Contingency in conjunction with the tendered amount of \$966,510.00 the total project cost (excluding PUC overhead) is \$1,166,510.00.

Risk Evaluation

Three (3) bids were received all three (3) were deemed to be acceptable. These bids were carefully reviewed by staff to ensure that an appropriate level of due diligence was performed. Aspects considered by staff were total cost, ensuring a balanced bid, bidder competency and experience, and company safety. The submitted bids provided a range of pricing as noted above which is indicative of a competitive bidding process.

Attachments: nil