

PETERBOROUGH UTILITIES COMMISSION

September 24, 2021

COMMISSION AGENDA

2021:10:21

NOTICE & AGENDA

A MEETING OF THE PETERBOROUGH UTILITIES COMMISSION WILL BE HELD ON **THURSDAY, OCTOBER 21, 2021 AT 4:00 P.M.** THIS MEETING IS OUR ANNUAL MEETING WITH THE RIVERVIEW PARK & ZOO ADVISORY COMMITTEE. THE MEETING WILL BE HELD USING MS TEAMS PLATFORM.

0.01 CALL TO ORDER

0.02 DECLARATION OF PECUNIARY INTEREST

1. CONSENT AGENDA

1.01 MINUTES - JUNE 24, 2021

1.02 OPERATING REPORTS - JUNE 2021
 - JULY 2021
 - AUGUST 2021
 - SEPTEMBER 2021

1.03 INTERIM UNAUDITED FINANCIAL STATEMENTS FOR THE SIX-MONTH PERIOD ENDED JUNE 30, 2021

2. REPORTS

2.01 FINANCIAL UPDATE FOR THE EIGHT MONTH PERIOD ENDING AUGUST 31, 2021

2.02 RIVERVIEW PARK AND ZOO ADVISORY COMMITTEE UPDATE - VERBAL

2.03 2022 CAPITAL BUDGET OVERVIEW, RIVERVIEW PARK AND ZOO

2.04 2021 DEVELOPMENT PROGRAM UPDATE, RIVERVIEW PARK AND ZOO

2.05 2021 EDUCATION PROGRAM REVIEW, RIVERVIEW PARK AND ZOO

3. COMMUNICATIONS

NONE

4. **NEW BUSINESS**

5. **DATE OF NEXT MEETING**

NOVEMBER 4, 2021

6. **ADJOURNMENT**

John Stephenson
President & CEO

JUNE 24, 2021

MINUTES OF THE **VIRTUAL** MEETING OF THE PETERBOROUGH UTILITIES COMMISSION HELD ON **THURSDAY, JUNE 24, 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 - 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**

Chair

Read and approved this

day of

2021

JUNE 24, 2021

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

Present: Mayor Diane Therrien, Chair
Councillor Gary Baldwin
Councillor Dean Pappas
Councillor Steven Wright
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
Ms. Suzette Lake, Corporate Communications and Records Compliance Coordinator

1. **CONSENT AGENDA**

1.02 MINUTES - MAY 27, 2021

1.02 OPERATING REPORT - MAY 2021

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

“THAT the consent agenda be approved.”

2. **REPORTS**

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

It was moved by Councillor D. Vassiliadis, seconded by Councillor G. Baldwin and carried:

“**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,**

Chair

Read and approved this

day of

2021

JUNE 24, 2021

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”.

4. **COMMUNICATIONS**

None

5. **NEW BUSINESS**

None

6. **DATE OF NEXT MEETINGS**

OCTOBER 21, 2021

7. **ADJOURNMENT**

The Chair accepted a motion of adjournment by Councillor S. Wright seconded by Councillor D. Pappas at 4:03 p.m.

Chair

Read and approved this

day of

2021

PETERBOROUGH UTILITIES COMMISSION **REPORT**

1.02

July 12, 2021

COMMISSION AGENDA
2021:10:21

OPERATING REPORT – JUNE 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 June 2021 for the various departments:

Water Distribution Department

	<u>June 2021</u>	<u>June 2020</u>	<u>Increase Or Decrease</u>
Services Installed	2	0	+2
Services Repaired	5	4	+1
Services Replaced	6	0	+6
Services Cut-Off	1	0	+1
Services Lowered or Insulated	1	0	+1
Service Valves and Posts Repaired	7	1	+6
Fire Hydrants Installed	0	0	0
Fire Hydrants Replaced	0	0	0
Fire Hydrants Repaired	1	1	0
Mainline Valves Installed	0	0	0
Mainline Valves Replaced	1	0	+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>
1579 Firwood Avenue	Service repair	0.15 hrs	24
538 Hillside Street	Service repair	0.2 hrs	4

444 Hamilton Street	Service repair	0.1 hrs	26
<u>Address</u>	<u>Reason</u>	<u>Length of Interruption</u>	<u>No. of Customers Affected</u>
262 McGill Street	Service repair	0.1 hrs	29

Four hundred and seventy-five backflow tests and 55 backflow prevention surveys were completed.

Water Treatment Plant and Pumping Stations

	<u>June 2021</u>	<u>June 2020</u>	<u>Increase Or Decrease</u>	<u>%</u>
<u>Water Pumpage (ML)</u>				
Total Pumpage (ML)	927.6	906.1	21.5	2%
<u>Rate of Pumpage (ML per day)</u>				
Maximum Day	36.4	34.8	1.6	5%
Average Day	30.9	30.2	0.7	2%
<u>Chemical Treatment (Average) (Milligrams per Litre)</u>				
Contact Tank – Chlorine	2.8	2.6	0.2	8%
Coagulant (Alum)	46.6	44.9	1.7	4%
Coagulant (PaCl)				
BW46 M Sodium Silicate (Corrosion Control & pH Adjustment)	0	0	0	
Fluoride – Total	0.7	0.7	0	
Water °C	22.4	22.2	0.2	
Precipitation (mm)	94.3	54.7	39.6	

Water Treatment Plant

The Ministry of Environment - Conservation and Parks started an unannounced inspection for the Peterborough Drinking Water System.

The Alum pump failed and required replacement with a standby unit. The original pump was rebuilt and put away as a standby.

The Sodium Hydroxide Feed System developed a leak which required repair.

Process Waste Facility

Decant Tanks #1 and #4 were cleaned out and inspected. The decant valve and pump were also inspected. The valve in Decant #4 required repairs which were performed.

Pumphouse

Maintenance staff performed turbine maintenance on Generators #1, #2 and #3.

Reservoirs and Pumping Stations

Capital work on upgrading the generators at Fairmount and Cumberland Pumping Stations to TSSA Standards continued.

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.

In June, we continued the suspension of our on-site sales, education activities and research support.

As noted above, all Park and Zoo's regular in-person education programs, tours, workshops, remained suspended in June. 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 continued with 7 classes (115 students) & 1 at Home Day Care Tour (74 students) participating.
- The summer volunteer program was started with volunteer recruiting, orientation and training completed in June.
- Our program for pre-booked guided tours launched in the last half of June. With the support of volunteers, tours were provided four times daily on Thursdays, Fridays, and Saturdays.

Fundraising activity in June included Animal Adoption revenue of \$1,100, tour donations of more than \$600 and other miscellaneous donations of approximately \$4,600.

In June, changes to the animal collection included the acquisition of two adult Sichuan takin from Parc Safari in Quebec and the death of one reindeer.

Animal health activities in June included routine treatments of the otters and macaws, bi-weekly rounds with Dr. Sallaway and annual health processing performed on the Eurasian lynx and African servals.

There were 1,248 enrichment activities performed with a variety of species within the collection during the month. 3 active training sessions were completed involving two species.

In June, Park Staff continued to be busy with cutting and trimming the grounds as well as preparations for the start of our guided tour program. Staff have also made good progress on several smaller, “in-house” projects to make improvements to animal exhibits/holdings and Park and Zoo facilities. These include a new fowl enclosure in the barn yard, new stalls in the barn, upgraded water facilities in the yak exhibit and final touches on the cat building improvements/renovations.

Scheduled Public Hours

Weekday and Weekends

***The Park and Zoo remained closed in June 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**

August 5, 2021

1.02

COMMISSION AGENDA
2021:10:21

OPERATING REPORT – JULY 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 July 2021 for the various departments:

Water Distribution Department

	<u>July 2021</u>	<u>July 2020</u>	<u>Increase Or Decrease</u>
Services Installed	2	0	+2
Services Repaired	4	5	-1
Services Replaced	1	9	-8
Services Cut-Off	0	0	0
Services Lowered or Insulated	0	1	-1
Service Valves and Posts Repaired	4	5	-1
Fire Hydrants Installed	0	0	0
Fire Hydrants Replaced	0	0	0
Fire Hydrants Repaired	0	7	-7
Mainline Valves Installed	0	0	0
Mainline Valves Replaced	2	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>
2090 Meadowview Road	Service repair	0.05 hrs	1
576 Homewood Avenue	Service repair	0.1 hrs	30
1153 Royal Drive	Service repair	0	0

<u>Address</u>	<u>Reason</u>	<u>Length of Interruption</u>	<u>No. of Customers Affected</u>
898 Monaghan Road	Broken main	4 hrs	10
Opp. 680 The Parkway on The Kingsway	Broken main	0.45 hrs	10

Three hundred and seventy-six backflow tests and 49 backflow prevention surveys were completed.

Staff installed a yard hydrant for a rink service opposite 563 Settlers Ridge.

Annual air valve maintenance was completed.

Water Treatment Plant and Pumping Stations

	<u>July 2021</u>	<u>July 2020</u>	<u>Increase Or Decrease</u>	<u>%</u>
<u>Water Pumpage (ML)</u>				
Total Pumpage (ML)	876.2	1,020.7	-144.5	-14%
<u>Rate of Pumpage (ML per day)</u>				
Maximum Day	32.4	38.3	-5.9	-15%
Average Day	28.2	32.9	-4.7	-14%
<u>Chemical Treatment (Average) (Milligrams per Litre)</u>				
Contact Tank – Chlorine	0.5	0.5		
Coagulant (Alum)	45.3	43.8	1.5	3%
Coagulant (PaCl)				
BW46 M Sodium Silicate (Corrosion Control & pH Adjustment)	0	0	0	
Fluoride – Total	0.7	0.7	0	
Water °C	23.5	27.0	-3.5	
Precipitation (mm)	128.0	54.9	73.1	

Water Treatment Plant

The PVC liner in Bulk Alum Storage Tank A was replaced. The previous liner had reached the end of its service life.

Decant Tank #3 at the Process Waste Facility was drained, cleaned, and inspected. Preventative maintenance was also performed on the sludge pump.

Sedimentation Basins #1 and #2 were drained to perform maintenance on the sludge collection system.

Pumphouse

Maintenance staff performed maintenance on the oil thermostat for Generator #1.

Reservoirs and Pumping Stations

Capital work continued to upgrade the generators at Fairmount and Cumberland Pumping Stations to TSSA Standards.

Capital work on rehabilitation of the High Street Elevated Tank continued.

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 July as part of our ongoing response to the COVID-19 pandemic.

In July, the Park and Zoo's Education Staff delivered an expanded offering of pre-booked, guided tours of the zoo area to the general public. The tour program was also supported by our volunteer staff. The expanded tour schedule typically included 7 – 8 tours daily, 4 – 5 days a week.

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

- The first session of the 2021 Roberta Bondar Photography Challenge delivered in collaboration with Otonabee Conservation. This is our 5th year running the program and the 2nd year delivering the program virtually via Google Classroom.
- A Virtual Turtle Trek program for students in Grade 1.
- A Virtual Online School Event for students in Kindergarten
- Our ongoing active social media campaign to maintain connection with the community
- Education program revenue for the month of July was \$4,280

Fundraising activities in July included Animal Adoption revenue of \$1,200, tour donations of more than \$2,100 and other miscellaneous donations of approximately \$1,500. Work has also begun on an introductory fundraiser for capital campaign for the replacement of the train locomotive and passenger coaches.

In July, changes to the animal collection included the acquisition of 2 adult alpacas from Trent University as well as 7 domestic chickens from a local farm.

Animal health activities in July included routine treatments of the otters and macaws as well as bi-weekly rounds with Dr. Sallaway. Annual health processing was also completed for the two-toed sloth, the Burmese python and the boa constrictors.

There were 1,952 enrichment activities performed with a variety of species within the collection during the month and 80 active training sessions were completed involving five species.

In July, Park Staff continued to be busy with cutting and trimming the grounds as well as maintaining and harvesting from the new vegetable garden. Staff have also continued to make progress on several smaller, “in-house” projects to make improvements to animal exhibits/holdings and Park and Zoo facilities. These projects include new stalls in the barn, upgraded animal shifts in the primate building and renovations to the train station.

Scheduled Public Hours

Weekday and Weekends

*****The Park and Zoo remained closed in July 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

1.02

September 14, 2021

COMMISSION AGENDA
2021:10:21

OPERATING REPORT – AUGUST 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 August 2021 for the various departments:

Water Distribution Department

	<u>August 2021</u>	<u>August 2020</u>	<u>Increase Or Decrease</u>
Services Installed	1	0	+1
Services Repaired	5	9	-4
Services Replaced	4	8	-4
Services Cut-Off	0	3	-3
Services Lowered or Insulated	0	0	0
Service Valves and Posts Repaired	9	3	+6
Fire Hydrants Installed	0	0	0
Fire Hydrants Replaced	0	1	-1
Fire Hydrants Repaired	1	5	-4
Mainline Valves Installed	0	0	0
Mainline Valves Replaced	1	0	+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>
627 Downie Street	Valve replacement	2 hrs	20
805 Argyle Street	Service repair	0.5 hrs	9
163 Princess Street	Service repair	0.05 hrs	15

<u>Address</u>	<u>Reason</u>	<u>Length of Interruption</u>	<u>No. of Customers Affected</u>
505 Bolivar Street	Service repair		

Three hundred and fifty backflow tests and 35 backflow prevention surveys were completed.

Two-yard hydrants for rink services at Stenson Park and Mapleridge Park were replaced.

Water Treatment Plant and Pumping Stations

	<u>August 2021</u>	<u>August 2020</u>	<u>Increase Or Decrease</u>	<u>%</u>
<u>Water Pumpage (ML)</u>				
Total Pumpage (ML)	990.1	952.6	37.5	4%
<u>Rate of Pumpage (ML per day)</u>				
Maximum Day	37.4	35.7	1.7	5%
Average Day	31.9	30.7	1.2	4%
<u>Chemical Treatment (Average) (Milligrams per Litre)</u>				
Contact Tank – Chlorine	0.5	0.5		
Coagulant (Alum)	46.0	44.7	1.3	3%
Coagulant (PaCl)				
BW46 M Sodium Silicate (Corrosion Control & pH Adjustment)	0	0	0	
Fluoride – Total	0.7	0.6	0.1	17%
Water °C	25.0	24.8	0.2	
Precipitation (mm)	20.6	122.4	-101.8	

Water Treatment Plant

The PVC liner in Bulk Alum Storage Tank B was replaced. The previous liner had reached the end of its service life.

Arc-Flash study of the Water Treatment Plant electrical equipment was completed.

Sedimentation Basin #5 was drained to perform repairs to the sludge collection system.

Zone 2 Pump #1 was taken out of service to repair a leaking seal on the angle drive.

Pumphouse

Arc-Flash study on the Pumphouse electrical equipment was completed.

Reservoirs and Pumping Stations

Capital work to upgrade the generator at Fairmount Pumping Station to TSSA Standards continued.

Capital work on rehabilitation of the High Street Elevated Tank continued.

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 August as part of our ongoing response to the COVID-19 pandemic.

In August, the Park and Zoo's Education Staff continued to deliver an expanded offering of pre-booked, guided tours of the zoo area to the general public. The tour program was also supported by our volunteer staff. The expanded tour schedule typically included 7 – 8 tours daily, 4 – 5 days a week.

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

- The second session of the 2021 Roberta Bondar Photography Challenge, delivered in collaboration with Otonabee Conservation (virtually via Google Classroom).
- The final sessions of the 2020 – 2021 Pathway to Stewardship and Kinship program were delivered and \$1,700 of program revenue was received in August.

Our ongoing active social media campaign to maintain connection with the community

- Funny Fridays
- RPZ history video series (Train Ride, Sabre Jet, Totem Pole, Touch Table Series, Montana's Garden, Dobbin Building)
- Volunteer Appreciation Week
- Education program revenue for the month was \$2,510

Fundraising activity in August included Animal Adoption revenue of \$350, tour donations of more than \$740 and other miscellaneous donations of approximately \$1,500. Work has also begun on an introductory fundraiser for capital campaign for the replacement of the train locomotive and passenger coaches.

In August, changes to the animal collection included the death of a Barbary sheep.

Animal health activities in August included routine treatments of the otters and macaws as well as bi-weekly rounds with Dr. Sallaway. Annual health processing was also completed for the Bactrian camels and the meerkats.

There were 1,992 enrichment activities were performed with a variety of species within the collection during the month and 45 active training sessions were completed involving 5 species.

In August, Park Staff continued to be busy with cutting and trimming the grounds, maintaining the new vegetable garden and rehabilitating some of the other gardens. Park Staff and Zoo Staff also worked on wrapping up some of the 2021 renovation/improvement projects.

Scheduled Public Hours

Weekday and Weekends

*****The Park and Zoo remained closed in August 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

August 12, 2021

1.03

COMMISSION AGENDA
2021:10:21

INTERIM UNAUDITED FINANCIAL STATEMENTS FOR THE SIX-MONTH PERIOD ENDED JUNE 30, 2021

INFORMATION ITEM

The Peterborough Utilities Commission financial statements for the six-month period ending June 30, 2021 are presented for the Commission's information.

Prepared by: Kyle Davis, CFO

Submitted by: Kyle Davis, CFO

Approved for Submission by: _____
President & CEO

BUSINESS OF THE PETERBOROUGH UTILITIES COMMISSION

The Peterborough Utilities Commission ("PUC") is responsible for supplying Peterborough residents and businesses with safe, clean water. Peterborough has a plentiful supply of source water from the Otonabee River. This water is treated in a government-inspected facility before being distributed throughout the City. Each year the external and PUC labs test thousands of water samples to ensure that Peterborough's drinking water is safe and aesthetically pleasing. About twenty thousand tests are conducted each year to ensure the drinking water surpasses health-related standards.

The PUC Commission also provides the Riverview Park and Zoo ("RP&Z") for the enjoyment and education of the public. The RP&Z strives to provide the citizens of Peterborough with an outstanding recreational and educational facility located in a park setting and endeavors to create an environment suitable for conservation and preservation of wildlife and parkland.

SUMMARY

Selected interim comparative financial data is presented in the following tables:

Financial Activities						
	Quarter ended June 30, 2021				2021	% of
(unaudited, \$ thousands)	2021	2020	\$ Change	% Change	Budget	Budget
Revenues	9,857	9,556	301	3%	22,181	44%
Expenditures						
Operating	6,183	5,660	523	9%	12,697	49%
Amortization	3,150	3,235	(85)	-3%	6,300	50%
Interest	199	190	9	5%	417	48%
	9,532	9,085	447	5%	19,414	49%
Surplus	325	471	(146)	-31%	2,767	12%

Total revenue has increased by \$301 thousand compared to the prior year consistent with the 2.48% rate increase in 2021. Overall operating expenditures have increased by 9% over the prior year as many expenditures were delayed or deferred in 2020 in response to the Pandemic. This increase back to normal expense levels is in line with previous years and remains consistent with budget expectations. These will all be discussed in detail below.

Financial Position		
(unaudited, \$ thousands)	As at	
	June 30, 2021	December 31, 2020
Cash	23,688	23,494
Other financial assets	5,395	5,611
Liabilities	(19,178)	(20,816)
Net financial assets	9,905	8,289
Capital assets	117,735	119,409
Other non-financial assets	911	528
Net non-financial assets	118,646	119,937
Accumulated surplus	128,551	128,226

FUND ACCOUNTING

The following summary represents the consolidated results of the Restricted Reserve, Contributed Capital and Current funds.

Surplus Summary			
(unaudited, \$ thousands)	Quarter ended June 30, 2021		2021
	2021	2020	Budget
Restricted Reserve	584	421	2,313
Contributed Capital	59	6	350
Operating	511	819	1,634
Riverview Park and Zoo	(829)	(775)	(1,530)
Surplus	325	471	2,767

The surplus is \$325 thousand at June 30 and is budgeted to be \$2.77 million by year end. The components of the surplus are discussed in the following paragraphs.

(a) Restricted Reserve Funds Annual Surplus

Restricted reserve funds surplus for the six-month period ended June 30, 2021 is \$584 thousand, compared to \$421 thousand during 2020 and a total year budget amount of \$2.31 million.

The Restricted funds balance consists of three specific reserve funds. Revenues received for these funds are mainly derived from water revenues, developer activity or donations.

The following table provides the source of the restricted funds, the fund balances, and the percentage of actual to budget.

Composition of Restricted Funds Annual Surplus				
(unaudited, \$ thousands)	Quarter ended June 30, 2021		2021	%
	2021	2020	Budget	Budget
Water Treatment Plant	400	412	843	4.167% of water revenues, 47% plus interest
Development Charges Act	134	4	1,437	9% Developer charges
Riverview Park and Zoo	50	5	33	152% Donations, SOGR contributions
	584	421	2,313	25%

Funds restricted under the Water Treatment Plant fund are \$12 thousand less than the prior year, and 24% of the total year budget. The decrease compared to the prior year is the result of a decrease in interest rates lowering the amounts earned on the fund balance.

Through the first half, the Company has received \$134 thousand in development charges. The budget anticipated \$1.44 million in development charges to be received during the year and while our current projections have decreased based on expected construction schedules, we still expect a total of \$827 thousand in development charges for the year.

Donations and related interest revenue received during the first six months of 2021 of \$50 thousand which already exceeds the annual budget.

(b) Contributed Capital Fund

The PUC has received \$59 thousand in capital contributions during the six-month period ended June 30, 2021 compared to \$6 thousand in 2020. The total year budget is \$350 thousand.

The Contributed Capital fund includes frontage charges, distribution system assumed from developers and cost recovery from system installations. The value of the systems installed by developers is recorded as revenue in the year in which the PUC assumes ownership. The majority of this account is typically recorded at year-end.

(c) Operating Fund

The Operating fund surplus for the six-month period ended June 30, 2021 is \$511 thousand compared to \$819 thousand in 2020. The decrease is due to the increased operating expenditures compared to the prior year.

(d) Operating Fund – Riverview Park & Zoo

Net operating activities in the Riverview Park and Zoo accounted for \$829 thousand in 2021 compared to \$775 thousand in 2020.

Revenues:

Revenue from all sources for the six months ended June 30, 2021 of \$9.86 million, compared to \$9.56 million in 2020.

Revenue					
	Quarter ended June 30, 2021			2021	% of
(unaudited, \$ thousands)	2021	2020	\$ Change	Budget	Budget
Sale of Water	8,730	8,625	105	18,321	48%
Capital installation charges	59	6	53	350	17%
Development charges	134	3	131	1,437	9%
Fire Protection	325	325	0	650	50%
Sewer surcharge billings	215	193	22	430	50%
Riverview Park & Zoo	10	12	(2)	59	17%
Riverview Park & Zoo - donations	46	0	46	25	184%
Interest	82	100	(18)	184	45%
Electricity	106	148	(42)	425	25%
Other	150	144	6	300	50%
	9,857	9,556	301	22,181	44%

Revenue from the sale of water of \$8.73 million is \$105 thousand higher than the prior year. Water revenues are directed to the operating fund, 95.833%, and to the WTP Reserve fund, 4.167%. Following a weak first quarter due to the lockdown measures closing non-essential businesses for a significant period, consumption increased during the second quarter as re-openings and a dry spring season increased demand.

While \$134 thousand in development charges have been received to date, Management still expects significant development projects included in the budget to proceed in 2021. Many of these projects were originally budgeted for in 2020 however were put on pause as in reaction to the pandemic.

Expenses:

Expenses of \$9.53 million year-to-date are \$447 thousand above the prior year and 49% of the total budget.

Expenditures						
	Quarter ended June 30, 2021				2021	% of
(unaudited, \$ thousands)	2021	2020	\$ Change	% Change	Budget	Budget
Water treatment and storage	2,049	1,911	138	7%	4,766	43%
Distribution systems	1,211	1,102	109	10%	2,324	52%
Administrative	719	670	49	7%	1,403	51%
Support Services	1,365	1,190	175	15%	2,615	52%
Riverview Park and Zoo	839	787	52	7%	1,589	53%
Interest	199	190	9	5%	417	48%
Amortization	3,150	3,235	(85)	-3%	6,300	50%
	9,532	9,085	447	5%	19,414	49%

(a) Water Treatment and Storage

The total cost of water treatment and storage is \$2.05 million compared to \$1.91 million for the first six months of 2020 and is 43% of the annual budget. These results are in line with typical expenditures at the water treatment plant, when larger maintenance projects are scheduled for later in the year.

While remaining under budget, expenditures have increased compared to the prior year when the water treatment plant postponed some discretionary maintenance items in March due to the impact of the pandemic. Working with human resources and safety, the department has been able to develop procedures that will allow them to move forward with the planned activities for 2021 while still ensuring employee safety in light of the ongoing pandemic.

Management continues to work with the purchasing department to monitor the cost and supply of raw materials, most notably chemicals. While we have reduced the forecast to account for expected cost savings due to process changes in the department and a vacant position for part of the year, we are expecting to see above normal inflationary increases for both the cost of raw materials, as well as related transportation costs.

(b) Distribution Systems

Distribution expenses of \$1.21 million are 52% of budget, and \$109 thousand higher than 2020. Similar to the chemical's discussion above, we also continue to experience upward pressure on materials costs relating to our distribution repair and rehabilitation jobs. As was the case earlier in the year, we continue to experience double digit increases in many of our materials costs, notably with piping materials increasing by upwards of 20%.

(c) Administrative

Administrative expenses made up of primarily building rent, insurance and equipment rental/software fees are \$49 thousand above the prior year and 51% of the annual budget with no unexpected budget variances.

(d) Support Services

Support services costs are \$175 thousand above the prior year and 52% of budget with most departments trending near budgeted expectations.

(e) Riverview Park and Zoo

The expenses to operate the Riverview Park & Zoo are \$839 thousand compared to \$787 thousand in 2020 and are 53% of the annual budget.

The Park and Zoo's 2021 operating budget planned for the Zoo's ongoing closure, with the possibility of a partial or limited opening during the summer months. As anticipated, the zoo area remained closed for the first half of this year, except for pre-booked privately guided tours which staff has been able to operate.

(f) Interest expense

Interest expense of \$199 thousand is 48% of budget based on the scheduled repayment of the debentures.

(g) Amortization

Amortization for the six-month period ended June 30, 2021 of \$3.15 million is based on the capital expenditures budget of \$11.60 million for the year. Amortization decreased compared to the prior year due to the cancellation of many capital programs in 2020 decreasing the budgeted opening value of the capital assets.

Liquidity and Cash Balance:

Cash at the end of the period is \$23.69 million, an increase of \$194 thousand from the January 1 opening cash balance of \$23.49 million.

Changes in Cash Position			
(unaudited, \$ thousands)	Quarter ended June 30, 2021		2021 Budget
	2021	2020	
Cash, beginning of period	23,494	15,108	23,035
Cash provided by operating activities	2,130	2,064	8,847
Cash (used) in investing activities	(1,417)	(1,155)	(11,249)
Cash provided by (used in) financing activities	(519)	(1,022)	(1,302)
Cash, end of period	23,688	14,995	19,331

The fund cash balances as of June 30, 2021, are as follows:

Fund Balance			
	Quarter ended June 30, 2021		2021
(unaudited, \$ thousands)	2021	2020	Budget
Current	12,794	5,115	8,282
Restricted:			
Water treatment plant	9,515	8,688	10,006
Development charges act	134	4	-
Riverview Park and Zoo	1,245	1,188	1,043
Total Restricted	10,894	9,880	11,049
Total Cash	23,688	14,995	19,331

Operating Activities

Cash generated by operations for the first six months was \$2.13 million consistent with the \$2.06 million increase experienced in 2020.

Investing Activities

Cash used for capital expenditures was \$1.42 million in 2021 compared to \$1.16 million for the same period in 2020.

The following table summarizes the capital expenditures for the period.

Capital Expenditures					
	Quarter ended June 30, 2021		2021	2020	% of
(unaudited, \$ thousands)	2021	2020	Budget	Forecast	Budget
Water treatment plant	2	81	643	429	0%
Pumphouse and dam	0	23	20	65	-
Booster pumping stations	0	-	115	105	-
Reservoirs and storage tanks	884	615	5,219	4,600	17%
Trunkmains	1	20	75	75	1%
Distribution mains	102	105	340	250	30%
New water services	10	7	290	180	3%
Rehabilitation of distribution system	299	189	3,745	3,040	8%
Hydrants	0	2	62	40	-
Meters	116	67	637	517	18%
Riverview Park & Zoo	62	52	453	406	14%
	1,476	1,161	11,599	9,707	13%

The largest capital project for 2021 is the High Street water tower. Management has worked closely with the contractors to ensure that this project would go ahead during the year. Construction was delayed for several weeks due to COVID related protocols, but the overall project remains expected to be completed in 2021 and within budget.

Distribution system capital continues to be monitored on a project-by-project basis to determine the projects that make sense to proceed with in 2021 considering safety and related restrictions, the asset master plan and system reliability, and coordination with related City projects. Following a review of the current plans, the forecast was decreased by \$705 thousand.

Financing Activities

During the first six months of 2021, the PUC reduced its long-term debt facilities by \$519 thousand. No advances were taken during the first half, and none are budgeted for the year.

Forecast

A reconciliation of PUC's budgeted to forecast surplus is as follows. Overall, the forecast remains consistent with the budget except for the capital installation and development charges revenues. When preparing the budget, the expectation was that development levels would pick up back to pre-pandemic planned levels in 2021. While we are still expecting additional development to occur in 2021, we have decreased our forecast guidance as we now anticipate these projects for 2021 will decrease in size compared to original projections.

Excluding the impact of these growth-related items, the net change is only \$79 thousand as savings at the water treatment plant have been offset by decreases in generation revenues resulting from poor river flows in the second quarter, and minor increases in other operating expenses.

Net Income Forecast			
(unaudited, \$ thousands)			
Surplus, budget			2,767
Forecast adjustments			
Increase/(decrease) in revenues			
Water revenues	0		
Capital installation and development charges	(810)		
Riverview Park & Zoo	4		
Interest	(24)		
Generation revenues	(125)	(955)	
Decrease (increase) in expenditures			
Water treatment plant	278		
Distribution system	32		
Administration	(14)		
Support services	(40)		
Riverview Park & Zoo	(32)		
Interest	0		
Amortization	0	224	
			(731)
Surplus, forecast			2,036

Attachments:

- Quarterly Certification
- PUC unaudited financial statements for the six months ended June 30, 2021

QUARTERLY CERTIFICATION

With respect to Peterborough Utilities Commission,

We hereby certify that:

1. Statutory Obligations

As of June 30, 2021 that all statutory obligations required to be paid or actions required to be performed, have been paid, performed or submitted to the relevant statutory bodies or agencies. To the best of our knowledge there are no material regulatory or legal actions with respect to these matters.

2. Health and Safety, Litigation

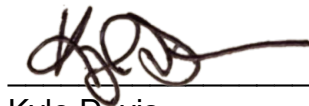
As of June 30, 2021 and to the best of our knowledge there are no material violations of Health and Safety regulation or law, or material matters of litigation that have not been disclosed.

3. Safe Drinking Water Act


As of June 30, 2021 and to the best of our knowledge there are no violations of the Safe Drinking Water Act, and the Commission has been provided with the necessary information required to fulfill their Standard of Care under the Act.



John Stephenson
President and CEO



Kyle Davis
CFO



Pat Devlin
VP Water Utility

Dated: October 14, 2021

PETERBOROUGH UTILITIES COMMISSION

FINANCIAL STATEMENTS

Unaudited for the six months ended June 30, 2021

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PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF FINANCIAL POSITION

Unaudited as at,
(\$'s in thousands)

	30-Jun 2020	31-Dec 2020
ASSETS		
FINANCIAL ASSETS		
Cash	23,688	23,494
Accounts receivable		
Customer accounts	981	897
Sewer surcharge	1,357	1,257
Sundry	391	282
Unbilled revenue on customer accounts	1,372	1,579
Unbilled sewer surcharge	1,294	1,596
	29,083	29,105
LIABILITIES		
Accounts payable and accrued charges	1,224	2,253
Sewer surcharge payable	3,482	3,544
Debenture debt	13,697	14,216
Customer deposits	775	803
	19,178	20,816
NET FINANCIAL ASSETS	9,905	8,289
NON-FINANCIAL ASSETS		
Inventories	641	528
Tangible capital assets	117,735	119,409
Prepaid expenses	270	-
	118,646	119,937
ACCUMULATED SURPLUS	128,551	128,226

PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF FINANCIAL ACTIVITIES AND CHANGES IN ACCUMULATED SURPLUS

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	2021 Forecast	Forecast Actual % of vs Budget Forecast	
REVENUES						
Revenue from sale of water	8,730	8,625	18,321	18,321	-	48%
Capital installation charges	59	6	350	150	(200)	39%
Development charges	134	3	1,437	827	(610)	16%
Contributions to RP&Z Reserve Funds	46	-	25	60	35	77%
Fire protection	325	325	650	650	-	50%
Sewer surcharge billings	215	193	430	430	-	50%
Riverview Park and Zoo - (Schedule E)	10	12	59	28	(31)	36%
Interest income	82	100	184	160	(24)	51%
Other	150	144	300	300	-	50%
Electricity	106	148	425	300	(125)	35%
	9,857	9,556	22,181	21,226	(955)	46%
EXPENDITURES						
Water treatment and storage (Schedule A)	2,049	1,911	4,766	4,488	(278)	46%
Distribution systems (Schedule B)	1,211	1,102	2,324	2,292	(32)	53%
Administrative (Schedule C)	719	670	1,403	1,417	14	51%
Support Services (Schedule D)	1,365	1,190	2,615	2,655	40	51%
Riverview Park and Zoo (Schedule E)	839	787	1,589	1,621	32	52%
Interest	199	190	417	417	-	48%
Amortization	3,150	3,235	6,300	6,300	-	50%
	9,532	9,085	19,414	19,190	(224)	50%
SURPLUS	325	471	2,767	2,036	(731)	16%
OPENING ACCUMULATED SURPLUS	128,226	126,543	127,761	128,226	465	100%
CLOSING ACCUMULATED SURPLUS	128,551	127,014	130,528	130,262	(266)	99%
SUMMARY OF SURPLUS BY ACTIVITY						
Operating Activities	511	819	1,634	31%		
Operating Activities - RP&Z	(829)	(775)	(1,530)	54%		
Restricted Reserve Fund Activities	584	421	2,313	25%		
Contributed Capital Activities	59	6	350	17%		
SURPLUS FOR THE PERIOD	325	471	2,767	12%		

PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF CHANGES IN FINANCIAL POSITION

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	2021 Forecast
OPERATIONS				
Surplus	325	471	2,767	2,036
Add: items not requiring cash				
Amortization	3,150	3,235	6,300	6,300
Capital installation charges	(59)	(6)	(350)	(150)
Increase/(decrease) in customer deposits	(28)	26	-	(28)
	3,388	3,726	8,717	8,158
Change in non-cash working capital items	(1,258)	(1,662)	130	192
	2,130	2,064	8,847	8,350
INVESTING ACTIVITIES				
Additions to tangible capital assets	(1,476)	(1,161)	(11,599)	(9,707)
Net of contributed capital	59	6	350	150
	(1,417)	(1,155)	(11,249)	(9,557)
FINANCING ACTIVITIES				
Debentures issued	-	-	-	-
Decrease in debenture debt	(519)	(1,022)	(1,302)	(1,043)
	(519)	(1,022)	(1,302)	(1,043)
NET CHANGE IN CASH DURING THE PERIOD	194	(113)	(3,704)	(2,250)
CASH POSITION - BEGINNING OF YEAR	23,494	15,108	23,035	23,494
CASH POSITION - END OF PERIOD	23,688	14,995	19,331	21,244
Ending cash balance comprised of the following:				
Unrestricted cash	12,794	5,115	8,282	10,035
<u>Restricted cash:</u>				
Water Treatment Plant, Restricted Reserve Fund	9,515	8,688	10,006	9,944
Development Charges Act, Restricted Reserve Fund	134	4	-	-
Park and Zoo Major Projects, Restricted Reserve Fund	652	598	660	669
Park and Zoo Animal Care, Restricted Reserve Fund	492	489	276	494
Park and Zoo, State of Good Repair Reserve Fund	101	101	107	102
	10,894	9,880	11,049	11,209
	23,688	14,995	19,331	21,244
Change in non-cash working capital items comprised of the following:				
Accounts receivable	(293)	(257)	(50)	(114)
Unbilled revenue	509	56	(20)	275
Inventories	(113)	9	-	28
Prepaid expenses	(270)	74	-	-
Accounts payable and accrued charges	(1,091)	(1,544)	200	3
	(1,258)	(1,662)	130	192

PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF CHANGES IN NET FINANCIAL ASSETS

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	2021 Forecast
Surplus	325	471	2,767	2,036
Acquisition of Tangible Capital Assets	(1,476)	(1,161)	(11,599)	(9,707)
Amortization of Tangible Capital Assets	3,150	3,235	6,300	6,300
Decrease (Increase) in Inventories	(113)	9	-	28
Decrease (Increase) in Prepaid Expenses	(270)	74	-	-
	1,616	2,628	(2,532)	(1,343)
Net Financial Assets, beginning of year	8,289	3,703	7,448	8,289
Net Financial Assets, end of year	9,905	6,331	4,916	6,946

PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF RESERVE FUNDS

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	2021 Forecast
WATER TREATMENT PLANT RESERVE FUND				
Opening balance	9,115	8,276	9,163	9,115
Revenue from sale of water	369	362	764	764
Interest	31	50	79	65
Transfers to General Fund	-	-	-	-
Closing Balance	9,515	8,688	10,006	9,944
DEVELOPMENT CHARGES RESERVE FUND				
Opening balance	-	-	-	-
Contributions	134	3	1,437	827
Interest	-	1	-	-
Transfers to General Fund	-	-	(1,437)	(827)
Closing Balance	134	4	-	-
RIVERVIEW PARK & ZOO MAJOR PROJECTS RESERVE FUND				
Opening balance	604	595	630	604
Contributions	46	-	25	60
Interest	2	3	5	5
Transfers to General Fund	-	-	-	-
Closing Balance	652	598	660	669
RIVERVIEW PARK & ZOO ANIMAL CARE RESERVE FUND				
Opening balance	490	486	274	490
Contributions	-	-	-	-
Interest	2	2	2	4
Transfers to General Fund	-	-	-	-
Closing Balance	492	488	276	494
RIVERVIEW PARK & ZOO STATE OF GOOD REPAIR RESERVE FUND				
Opening balance	101	101	106	101
Contributions	-	-	-	-
Interest	-	-	1	1
Transfers to General Fund	-	-	-	-
Closing Balance	101	101	107	102
TOTAL RESERVE FUND BALANCE	10,894	9,879	11,049	11,209

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE A - COST OF WATER TREATMENT AND STORAGE

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
Process Waste Treatment	84	58	262	32%	200	(62)
Water Treatment Plant	1,540	1,534	3,716	41%	3,500	(216)
Pumphouse/Dam	220	175	382	58%	382	-
Pumping station	105	72	222	47%	222	-
Reservoirs	100	72	184	54%	184	-
	2,049	1,911	4,766	43%	4,488	(278)

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE B - DISTRIBUTION SYSTEM

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
Trunk mains	1	-	15	7%	15	-
Distribution mains	265	94	490	54%	490	-
Locate and records	92	138	222	41%	222	-
Flushing	22	23	67	33%	67	-
Valves and boxes	198	143	250	79%	250	-
General maintenance	102	111	174	59%	174	-
Hydrants	105	190	255	41%	255	-
Service pipes	364	280	676	54%	676	-
Meters	20	56	122	16%	90	(32)
Water Distribution Engineering	42	67	53	79%	53	-
	1,211	1,102	2,324	52%	2,292	(32)

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE C - ADMINISTRATIVE

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
Advertising and public relations	6	7	17	35%	17	-
Water conservation	31	25	39	79%	39	-
Donations	-	1	25	-	20	(5)
Commission Expenses	1	1	4	25%	4	-
Building Rent	212	217	423	50%	423	-
Insurance	246	202	444	55%	465	21
Equipment rental	85	84	166	51%	166	-
Professional fees	9	12	61	15%	50	(11)
Memberships and subscriptions	15	14	15	100%	15	-
Property taxes	100	88	198	51%	198	-
Bad Debts	-	-	-	-	-	-
Gain/loss on sale of assets	-	-	-	-	-	-
Miscellaneous	14	19	11	127%	20	9
	719	670	1,403	51%	1,417	14

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE D - SUPPORT SERVICES

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
Finance	53	38	87	61%	90	3
Administration	292	319	608	48%	608	-
Peterborough Technology Services	347	289	630	55%	650	20
Customer Service	442	334	780	57%	800	20
Billing intergration and infrastructure	87	83	161	54%	161	-
Human Resources	84	75	248	34%	245	(3)
Purchasing	60	52	101	59%	101	-
	1,365	1,190	2,615	52%	2,655	40

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE E - STATEMENT OF OPERATIONS FOR RIVERVIEW PARK AND ZOO

Unaudited for the six months ended June 30,
(\$'s in thousands)

	June 30 2021	June 30 2020	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
REVENUE						
Train	-	-	-	-	-	-
Miscellaneous	10	12	59	17%	28	(31)
				-		-
	10	12	59	17%	28	(31)
EXPENSES						
Maintenance Park	210	138	592	35%	524	(68)
Maintenance Train	1	-	3	33%	3	-
Animal Care and Zoo Maintenance	628	649	994	63%	1,094	100
				-		-
	839	787	1,589	53%	1,621	32
Contribution to state of good repair fund	-	-	-	-	-	-
NET EXPENSES FOR PERIOD	829	775	1,530	54%	1,593	63

PETERBOROUGH UTILITIES COMMISSION
SCHEDULE F - STATEMENT OF CAPITAL EXPENDITURES

Unaudited for the six months ended June 30,
(\$'s in thousands)

	2021 Actual	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
WATER TREATMENT PLANT					
Ozone preliminary design	2	450	0%	250	(200)
Turbidity meter replacement		31 -		31	-
Liner replacement on storage tanks		40 -		40	-
Diesel engine upgrades		100 -		100	-
Ozone monitor		12 -		-	(12)
Miscellaneous		10 -		8	(2)
	2	643	0%	429	(214)
PUMPHOUSE AND DAM					
General Improvements - pumphouse		10	-	10	-
Dam\Trash Rack Rehabilitation - Consulting Fees		-		45	
General Improvements - pumphouse dam		10	-	10	-
	-	20 -		65	-
BOOSTER PUMPING STATIONS					
Diesel engine upgrades		105 -		105	-
General improvements	-	10 -		-	(10)
	-	115 -		105	(10)
RESERVOIRS AND ELEVATED WATER STORAGE TANKS					
High street elevated tank	884	5,219		4,600	(619)
	884	5,219	17%	4,600	(619)
TRUNKMAINS					
Bethune Trunkmain		50 -		50	-
General improvements	1	25		25	-
	1	75	1%	75	-
DISTRIBUTION SYSTEM					
New Watermains in New Subdivisions	102	315	32%	250	(65)
	102	315	32%	250	(65)
New Watermains on Existing Streets					
General Improvements	-	25 -			(25)
	-	25 -		-	(25)

PETERBOROUGH UTILITIES COMMISSION
STATEMENT OF CAPITAL EXPENDITURES - continued

Unaudited for the six months ended June 30,
(\$'s in thousands)

	2021 Actual	2021 Budget	Actual % of Budget	2021 Forecast	Forecast vs Budget
NEW WATER SERVICES					
New water services in residential subdivisions by private developers	9	200	-	100	(100)
SFR		20 -		10	(10)
Non-SFR	1	20		20	-
Valves & boxes		50 -		50	-
	10	290	3%	180	(110)
REHABILITATION OF EXISTING WATER DISTRIBUTION SYSTEM					
Service replacement > 20mm	78	10	-	120	110
Main valve/box replacement - new	5	8	-	8	-
Main replacement	172	1,015	17%	900	(115)
Cleaning/lining	43	2,700	2%	2,000	(700)
Records upgrade	1	12	8%	12	-
	299	3,745	8%	3,040	(705)
HYDRANTS					
New		20	-	20	-
Replacement		42	-	20	(22)
	-	62	-	40	(22)
METERS					
New residential	80	195	41%	160	(35)
New meters - existing residential		65 -		50	(15)
Replacement residential	7	15	-	15	
New ICI	29	10	-	40	
Existing ICI		2	-	2	
Replacement ICI		350	-	250	
	116	637	18%	517	(50)
RIVERVIEW PARK AND ZOO					
New facilities - Park		-			-
Parking lot and pathways		80 -		80	-
Signage		10 -		5	(5)
Sanitizing equipment	3	5	60%	5	-
Replacement facilities - Park		-			-
Repairs to Dobbin Building	1	65	2%	35	(30)
Accessibility Upgrades		75 -		65	(10)
Bank maintenance		10 -		5	(5)
Invasive species control		5 -		-	(5)
Playground safety		5 -		5	-
Stumps		5 -		5	-
Train station rehab	9	5	180%	9	4
New facilities - Zoo		-			-
Perimeter fence/gate	2	75	3%	75	-
COVID response	6	20	30%	24	4
Takin upgrade	2	15	13%	15	-
Paddocks exhibits	17	5	340%	17	12
Replacement facilities - Zoo		-			-
Camel exhibit	2	15	13%	15	-
Otter exhibit	-	15 -		14	(1)
Bowls	8	15	53%	8	(7)
Primate building	9	8	113%	9	1
Misc exhibits	3	20	15%	15	(5)
	62	453	14%	406	(47)
TOTAL CAPITAL EXPENDITURES	1,476	11,599	13%	9,707	(1,867)

PETERBOROUGH UTILITIES COMMISSION REPORT

October 13, 2021

2.01

COMMISSION AGENDA
2021:10:21

FINANCIAL UPDATE FOR THE EIGHT-MONTH PERIOD ENDED AUGUST 31, 2021

INFORMATION ITEM

The Peterborough Utilities Commission interim financial update for the eight-month period ending August 31, 2021 is presented for the Commission's information.

Prepared by: Kyle Davis, CFO

Submitted by: Kyle Davis, CFO

Approved for Submission by: _____
President & CEO

The financial statements and related report for the quarter ended June 30, 2021, were presented as a separate report to this meeting. The following update highlights the financial activities of Peterborough Utilities Commission ("PUC") for the eight-month period ended August 31, 2021.

SUMMARY

The surplus for the period ended August 31, 2021, is \$1.18 million compared to \$1.12 million for the same period in 2020.

Selected interim comparative financial data is presented in the following tables:

Financial Activities						
(unaudited, \$ thousands)	Eight months ended August 31,				2021 Budget	% of Budget
	2021	2020	\$ Change	% Change		
Revenues	13,732	13,450	282	2%	22,181	62%
Expenditures						
Operating	8,085	7,764	321	4%	12,697	64%
Amortization	4,200	4,313	(113)	-3%	6,300	67%
Interest	269	254	15	6%	417	65%
	12,554	12,331	223	2%	19,414	65%
Surplus	1,178	1,119	59	5%	2,767	43%

REVENUE

Total revenue is \$13.73 million for the first eight months of 2021, compared to \$13.45 million for the same period in 2020.

Revenue					
(unaudited, \$ thousands)	Eight months ended August 31,			2021 Budget	% of Budget
	2021	2020	\$ Change		
Sale of Water	12,277	12,168	109	18,321	67%
Capital installation charges	61	25	36	350	17%
Development charges	134	56	78	1,437	9%
Fire Protection	433	433	0	650	67%
Sewer surcharge billings	286	281	5	430	67%
Riverview Park & Zoo	19	13	6	59	32%
Riverview Park & Zoo - donations	50	2	48	25	200%
Interest	108	120	(12)	184	59%
Electricity	166	174	(8)	425	39%
Other	198	178	20	300	66%
	13,732	13,450	282	22,181	62%

Significant items and changes in revenue are as follows:

- Water Revenue – Revenue from the sale of water is currently \$109 thousand above the prior year and 67% of the annual budget. While the year-to-date total is consistent with both budget expectations and the prior year, we have seen significant fluctuations in water demand throughout the year.
 - January – March – Consumption was below normal as COVID related shutdowns negatively impacted commercial and industrial demand. Total revenue from the sale of water was \$156 thousand below the prior year as a result.
 - April – June – Consumption increased over the past two years, as COVID restrictions began to ease, and dry weather conditions increased demand. This resulted in revenues increasing with year-to-date water revenues through June rising to \$104 above the prior year.
 - July – high levels of precipitation during the month drove down consumption, with demand dropping 15% below typical levels for the month.
 - August – Consumption returned to normal levels and was 4% higher than in 2020.
- Development charges are below original expectations and as a result the forecast has decreased from \$1.4 million to \$827 thousand. Following month end, PUC received an additional \$700 in development charges relating to the next stage in development at the Lily Lake subdivision.

EXPENDITURES

Total expenditures for the eight-month period ended August 31, 2021, are \$12.55 million compared to \$12.33 million in 2020 and are 65% of budget. Given the impact of the COVID pandemic on operations in 2020, expenditures for the prior year were lower than normal as certain maintenance items were delayed or deferred. While 2021 expenditures have increased, they remain in line with budget and with the levels experienced in 2019 (\$12.56 million).

Details of the year-to-date expenditures are as follows:

Expenditures						
	Eight months ended August 31,				2021	% of
(unaudited, \$ thousands)	2021	2020	\$ Change	% Change	Budget	Budget
Water treatment and storage	2,781	2,525	256	10%	4,766	58%
Distribution systems	1,511	1,674	(163)	-10%	2,324	65%
Administrative	927	898	29	3%	1,403	66%
Support Services	1,684	1,592	92	6%	2,615	64%
Riverview Park and Zoo	1,182	1,075	107	10%	1,589	74%
Interest	269	254	15	6%	417	65%
Amortization	4,200	4,313	(113)	-3%	6,300	67%
	12,554	12,331	223	2%	19,414	65%

- Water treatment and storage – As noted above, the 10% increase in year over year expenditures is related to the deferral of expenditures in 2020 due to the onset of the pandemic. Expenses are trending below budget, at 62% of the annual total, and our annual forecast has been reduced accordingly.
- Distribution systems – Unlike the water treatment plant, which was able to defer expenses in 2020, water distribution expenditures increased in 2020 as a drop in demand increased the flushing costs required to maintain the proper chlorine levels throughout the system. As these have trended back to normal levels in 2021, distribution costs are back in line with budget. Typically, the main cause of overages in the budget are due to weather events in the winter months causing line breaks, and therefore the fourth quarter will be key to monitoring overall departmental costs.
- Riverview Park & Zoo – The Park & Zoo continues to be closed in response to the pandemic. Above normal inflationary cost increases for both food and medications has increased the Zoo operating expenditures over 2020 levels. Zoo staff have continued to provide pre-booked guided tours throughout the normal operating season this year and are planning for a full opening in 2022.

CAPITAL EXPENDITURES

The pandemic had a significant impact of planned capital expenditures for 2020, with final expenditures at only 41% of budget. While the impact in 2021 has not been as severe, the continued restrictions and health concerns combined with construction delays and global supply chain issues has again decreased the level of capital work expected to be completed.

Our current forecast represents a decrease of nearly \$2 million from budget. The largest project for the year is the High Street water tower refurbishment. This project was delayed several weeks due to COVID restrictions, however work on the tank is expected to be completed in November, with landscaping work to be completed in spring 2022.

Capital Expenditures					
	Eight months ended August 31,		2021	2020	% of
(unaudited, \$ thousands)	2021	2020	Budget	Forecast	Budget
Water treatment plant	62	81	643	429	10%
Pumphouse and dam	0	23	20	65	-
Booster pumping stations	81	-	115	105	70%
Reservoirs and storage tanks	1,543	639	5,219	4,600	30%
Trunkmains	3	147	75	75	4%
Distribution mains	133	142	340	250	39%
New water services	19	16	290	180	7%
Rehabilitation of distribution system	685	333	3,745	3,040	18%
Hydrants	0	2	62	40	-
Meters	171	89	637	517	27%
Riverview Park & Zoo	127	57	453	406	28%
	2,824	1,529	11,599	9,707	24%

PETERBOROUGH UTILITIES COMMISSION REPORT

2.02

October 15, 2021

COMMISSION AGENDA
2021:10:21

RIVERVIEW PARK AND ZOO ADVISORY COMMITTEE UPDATE

The Chair of the Riverview Park and Zoo Advisory Committee, P. Hartung will provide a verbal update at the meeting.

PETERBOROUGH UTILITIES COMMISSION **REPORT**

October 14, 2021

2.03

COMMISSION AGENDA
2021:10:21

2022 CAPITAL BUDGET OVERVIEW, RIVERVIEW PARK AND ZOO

INFORMATION ITEM

The proposed 2022 Riverview Park and Zoo Capital Budget forecast is provided to the Commission for information and are subject to approval during the 2022 Water Utility Capital Budget deliberations.

Prepared by: Jim Moloney, Manager & Curator Riverview Park and Zoo

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

Approved for Submission by: _____
President & CEO

Background

Management is presenting this report only for information. The proposed expenditures have been accumulated based on Management's assessment. The expenditures are outlined for discussion only and will be subject to further review by Management and approval by the Commission in the completion of the Riverview Park & Zoo annual budget (operating and capital) later this year.

Management Discussion

The following is a brief summary of the capital budget projects (\$10k or more) proposed for 2022. Projects are listed in order of cost magnitude for each category.

With the ongoing impact of the global COVID-19 pandemic, some of the projects planned for 2021 were postponed. Likewise, the 10-year capital plan has been re-evaluated with the majority of the large capital projects each being moved back by one year (or more).

This proposed capital budget includes all project-related costs, including labour, material, equipment, and outside purchases.

New Facilities - Park Projects (\$10k +)

1. Adding Eavestroughs to the Rotary Education Centre Building

This work will improve safety by reducing ice buildup around the building in the winter and will also allow the collection and use of rainwater.

Estimated Cost \$ 25,000

2. Signage and Support Materials for Membership Program

As part of our plan to increase Park and Zoo revenue, we are planning on introducing a new membership program. Delivery of the program will require new signage, equipment, and some enhancement to our systems.

Estimated Cost \$ 10,000

3. Animal-Proof Waste & Recycling Bins for Zoo Area

The health of our animal collection has been adversely impacted by the onsite raccoon population. One of the measures in our strategy to address this issue is to replace the waste and recycling bins in the zoo area with animal-proof bins.

Estimated Cost \$ 10,000

Replacement Facilities – Park Projects (\$10k +)

1. Employment & Social Development Grant: Enabling Accessibility (Parking Lot Ramp)

In 2017 the Park and Zoo worked with City staff to evaluate the accessibility of our facilities as well as our compliance to the provincial standard (AODA). One of the recommendations made in the resulting report was to add an accessible walkway from the main parking lot to the playground area. We have successfully acquired a grant from Employment & Social Development Canada to fully fund this project.

Estimated Cost \$ 100,000

2. Repairs to Roof of the Dobbin Building

This building has Heritage designation and this work is part of our ongoing revitalization project. The existing roof is in need of repair/replacement.

Estimated Cost \$ 50,000

New Facilities - Zoo Projects (\$10k +)

1. New Animal Shifts for South Takin Exhibit

We are proposing to upgrade access to the south takin exhibit with new remotely-operated shifts (sliding gates). These shifts will facilitate the transfer of newly acquired animals into the exhibit and enhance the safety of staff when animals need to be shifted from area to area.

Estimated Cost \$ 10,000

2. Viewing Window Installation at the Camel Exhibit

Vision Glass has generously donated a set of large glass panels (like the ones recently used in our upgrade of the cat exhibit) to the Park and Zoo. We are planning to install several of these at the camel exhibit to create a new viewing window.

Estimated Cost \$ 10,000

3. Viewing Window Installation at the Meerkat Exhibit

As noted above Vision Glass has generously donated a set of large glass panels to the Park and Zoo. We are planning to install the remainder of these panels at the meerkat exhibit to create a new viewing window.

Estimated Cost \$ 10,000

Replacement Facilities - Zoo Projects (\$10k +)

1. Emu and Wallaby Outdoor Exhibit Rehabilitation

The emu and wallaby exhibit lacks adequate drainage and as such it and the animal holdings are prone to flooding. We are proposing to rework the exhibit grading and add new drainage facilities.

Estimated Cost \$ 25,000

2. Camel Chute/Healthcare Area

To improve our management of the camels in our care, we have built a new holding compound to the camel exhibit. In 2021 we started construction of a chute/healthcare area which will support the provision of healthcare activities with reduced need for animal sedation (reduced risk to the animals) and enhanced safety for the animal health staff. We are planning to complete this project in 2022.

Estimated Cost \$ 10,000

3. Rehabilitation of the Sulawesi Forest Turtle Exhibit in the Rotary Education Centre

The Sulawesi Forest Turtle is a little-known and critically-endangered turtle indigenous to one island in Indonesia. The Park and Zoo has been recognized for our leadership in the conservation of this species. The exhibit holding the adult turtles is in need of some repairs/renovations and we are also proposing to upgrade the pond filtration system to improve performance and reliability.

Estimated Cost \$ 10,000

Summary of Regular 2022 Costs

<i>New Facilities Projects - Park</i>	<i>\$ 50,000</i>
<i>Replacement Facilities Projects - Park</i>	<i>\$ 165,000*</i>
<i>New Facilities Projects - Zoo</i>	<i>\$ 53,500</i>
<i>Replacement Facilities Projects - Zoo</i>	<i>\$ 55,000</i>
 <i>Total All Riverview Park & Zoo</i>	 <i>\$ 323,500*</i>

** Less \$100,000 Grant*

PETERBOROUGH UTILITIES COMMISSION **REPORT**

October 14, 2021

2.04

COMMISSION AGENDA
2021:10:21

2021 DEVELOPMENT PROGRAM UPDATE, RIVERVIEW PARK AND ZOO

INFORMATION ITEM

The following 2021 development program update for Riverview Park and Zoo is provided to the Commission for information only.

Prepared by: Cathy Mitchell, Program Supervisor Riverview Park and Zoo

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

PETERBOROUGH UTILITIES COMMISSION

OCTOBER 21, 2021

DEVELOPMENT PROGRAM UPDATE, RIVERVIEW PARK AND ZOO

STRATEGIC UPDATE AND DEVELOPMENT:

WEBSITE

The ongoing development of the Park and Zoo's website, riverviewparkandzoo.ca, allows us the capability for on-line donations and a link to our virtual store (PerfectMind) for instant animal adoptions. We continue to develop the PerfectMind POS/CMS package to take advantage of its capabilities to manage self-serve facility, education program, and event bookings through the website.

REVENUE

The Park and Zoo's revenue targets for 2021 were based upon the premise of being able to open partially or for a portion of the year. Unfortunately, the zoo area has remained closed and as such many of our revenue streams have been adversely impacted. Although we had anticipated that the train ride would not open, the COVID situation reduced revenue from the gift shop, snack bar, events, facility bookings to zero or a fraction of budgeted amounts. We have however had a promising year to date with animal adoption donations and education program revenue.

Performance Vs Budget:

Revenue Source	2021 Budget	2021 Year to Date
Train Ride	\$ 0	\$ 0
Gift Shop	\$ 20,000	\$ 2,470
Snack Bar	\$ 5,000	\$ 0
Education Programs	\$ 5,500	\$ 2,916
Fundraising Events	\$ 13,750	\$ 0
Animal Adoptions	\$ 15,000	\$ 8,800

2021 GIVING CAMPAIGN:

In spite of the ongoing impact of the COVID pandemic, the Park and Zoo's has had notable success with raising support in the form of donations (cash, materials and in-kind support). Some notable examples include:

- 2021 Ennismore Pharmacy Sweepstakes: \$ 7,500
- Brealey Animal Clinic \$ 900
- Bench Dedications \$ 4,000
- Enrichment Wish List \$ 1,000
- Donations \$ 5,776 (on-site & website)

We have also kicked off the capital campaign with a fundraiser (sales of a limited-edition puzzle) that is expected to generate an additional \$ 15,000.

We estimate with the current giving campaign projects and animal adoptions through the giving season that we will achieve: \$44,562 along with the above combined revenue sources.

2021 TOURS

Although we were unable to open the zoo area in 2021, our staff and volunteers were able to provide 350 Guided Tours and Treks. Tours were offered from July 2nd to October 11th, generating \$5,530 in donations.

EVENTS, PROGRAMS, BOOKINGS

All large events, shelter and facility booking were cancelled due to COVID-19 and health restrictions and our limited capacity.

2021 FUN RUN

Although this year's event was cancelled, arranged sponsorships from business members have agreed to extend their support to the event next year (June 4, 2022).

2021 BREW AT THE ZOO

We had obtained funding (\$ 8,000) in support of our planned inaugural Member's Event (Brew at the Zoo). The Celebrate Ontario funding for this initiative has been deferred to 2022. The funding could however be cancelled by the Provincial granting agency at any time.

2021 CONCERTS IN THE PARK

Music concerts cancelled for the season. To return in 2022 season.

MEMBERSHIP PROGRAM

We continue to develop our implementation plan for the membership program. Care is being taken to ensure the plan takes into account the impact of the pandemic and that program implementation/delivery will be well-received by the community and our visitors.

CAPITAL CAMPAIGN

With the impact of the COVID pandemic, the Park and Zoo's capital campaign plans have been adjusted and in cases delayed. We have however made a promising start on the campaign:

- The campaign goal for the miniature train is: \$ 300,000
- We already have commitments for: \$ 100,000
 - Capital Campaign Patrons and long-time supporters Ross and Ann Dobbin have come on board to replace the locomotive – final deposit expected in June 2022.
 - Train Coaches (3 x \$25,000) appeal sent to Kiwanis Club of Peterborough, Rotary Club of Peterborough, VIA Rail and Hydro One Networks Inc. Have already seen serious interest.
 - Public engagement and announcement fall of 2021 through Limited Edition Puzzle Fundraiser spearheaded by the Advisory Committee members.

GRANT APPLICATIONS

Unlike the capital campaign, the impact of the COVID pandemic on our grant applications has been somewhat positive. We have had a very good year in this area so far. Some significant examples of success include:

- Canada Summer Jobs - \$20,954
- Tourism Resiliency Fund Peterborough/Kawartha's Economic Development - \$8,800
- Hydro One Networks Inc., Safe Communities and Workplaces - \$25,000
- Healthy Communities Fund - \$18,000
- Pathway to Stewardship Delivery Partner – 2021 \$5,100 & 2022 \$6,100
- Employment and Social Development Canada's Enabling Accessibility - \$100,000

2021/2022 Totalling \$183,954

PETERBOROUGH UTILITIES COMMISSION **REPORT**

2.05

October 14, 2021

COMMISSION AGENDA
2021:10:21

2021 EDUCATION PROGRAM REVIEW, RIVERVIEW PARK AND ZOO

INFORMATION ITEM

The following 2021 education program review for Riverview Park and Zoo is provided to the Commission for information only.

Prepared by: Cathy Mitchell, Program Supervisor Riverview Park and Zoo

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

PETERBOROUGH UTILITIES COMMISSION

OCTOBER 21, 2021

EDUCATION PROGRAM REVIEW, RIVERVIEW PARK AND ZOO

EDUCATION UPDATE:

WEBSITE

The ongoing development of the Park and Zoo's website, riverviewparkandzoo.ca, has allowed us to maintain and grow our connection with the community and to highlight many conservation initiatives, education programs, social media links, etc.

SOCIAL MEDIA:

In response to the ongoing closure of the zoo area and opening restrictions, the Park and Zoo continued our social media strategy to connect with followers and community: *Closed but Still Caring* and *Bringing the Zoo to You*. The Animal Care Team, Public Education Staff, volunteers and management team have produced quality education and recreational material that has been shared with the community. Followers receive a behind the scenes look at the essential care provided and meet the animals through virtual educational resources. Our social media activities have included the following:

- Twitter - 4244 followers, 72,000 average tweet impressions each month, increase of 5%
- Instagram – 5,500 followers, 23,226 accounts reached, 1213 new followers, increase of 28%
- Facebook – 12,500 followers, 137,569 accounts reached, increase of 10%
- Instagram Meerkat Naming contest: reaching 6,500 views
- Instagram RPZ Giveaway contest: Reaching 7,000 views

VIRTUAL EDUCATION PROGRAMS

The Park and Zoo's Education Team continued to develop, expand and deliver a variety of virtual/remote education programs. This year's activities have included:

- March Break Video Series (developed in cooperation with students from the Fleming College Museum Management and Curatorship Course). The series reached 1,600 viewers each day.
- Hosted sessions for the CALAS Symposium. 200 participants.
- Environmental Symposium with both school boards. Reached over 850 primary-aged students

- Peterborough Children's Water Festival virtual live and video series. 1100 participants.
- Volunteer Video Series on Zoo Amenities and History (12 videos completed on the totem pole, train ride, animal artifacts, Dobbin Building, Sabre jet, etc.).
- Virtual delivery of the Bondar Challenge photography program. Hosted 35 participants in two summer camps.
- Partner in the delivery of Pathway to Stewardship and Kinship benchmarks.
 - Virtual Classroom Pets reached early years and primary aged students, in four-week series program.
 - Virtual School Zoo Treks reaching early years and primary aged students in three-week series program.

2021 PUBLIC TOURS

Park and Zoo staff and volunteers offered the public 350 Guided Tours and Treks reaching nearly 3500 people between July 2nd to October 11th. These tours allowed us to connect with guests during our ongoing closure and to have people safely return to the zoo.

One-on-one tours allowed guests to see the zoo from our volunteer and staff perspective and provided opportunities to teach visitors about the significance of our CAZA accreditation, enrichment, animal welfare and Species Survival Programs. Tour guides were also able to highlight the history of the zoo and our uniqueness as Canada's only free-admission accredited zoo.

2021 EDUCATIONAL TOURS

Park and Zoo staff provided custom educational tours for several groups, including students from Trent University's Biology/Education program and students from Fleming College's Heritage, Museum Management and Curatorship programs. Other groups tours provided included home-schooling groups, alternative settings clients and workers, seniors groups, Syrian refugee families and sponsors, special needs groups, and local youth groups (including those from the Youth Emergency Shelter and Community Living Peterborough).

2021 VOLUNTEERS

Riverview Park and Zoo had 28 key volunteers this season contributing 1472 hours. These volunteers were extremely important, supporting our tours and treks, education station tables, invasive species removal, garden maintenance/harvesting, and fundraising efforts. They also helped to support our animal welfare and research programs, contributing 300 hours of animal observations/ethogram studies.

PARTNERSHIPS

The Education Program also benefitted from cooperative ventures with the following partners:

Bird Friendly Peterborough

- Coalition with Camp Kawartha, GreenUP, Peterborough Field Naturalist, Kawartha Wildlife Centre and the City of Peterborough.
- Development of the website: Birdfriendlypeteborough.ca and social media sites
- Migratory Bird Day Virtual Events and awareness campaign

Peterborough Children's Water Festival

- RPZ representation on the PCWF Steering Committee
- Virtual-live and video education station series "Rolling Through the Shed" & "Otterly Amazing" developed.