

MANAGEMENT'S DISCUSSION AND ANALYSIS

This Management's Discussion and Analysis (MD&A) provides a narrative discussion outlining the financial results and operational changes for the second quarter ended June 30, 2019 for the Great Lakes Pilotage Authority (the Authority). This discussion should be read with the unaudited interim financial statements for the period ended June 30, 2019, which have been prepared in accordance with the Treasury Board of Canada "Standard on Quarterly Financial Reports for Crown Corporations" and Internal Accounting Standard 34 – *Interim Financial Reporting* (IAS 34), and are presented in Canadian dollars. We also recommend that this information be read in conjunction with the Authority's annual financial statements and annual report for the year ended December 31, 2018. Financial results in the MD&A are rounded to the nearest thousand.

Management is responsible for the information presented in the unaudited interim financial statements and the MD&A. All references to "our" or "we" are references to management of the Authority. The Board of Directors, on the recommendation of its Audit Committee, approved the content of this MD&A and the unaudited interim financial statements.

MATERIALITY

In assessing what information is to be provided in the MD&A, management applies the materiality principle as guidance for disclosure. Management considers information material if it is considered probable that its omission or misstatement would influence decisions that users make on the basis of financial information.

FORWARD-LOOKING STATEMENTS

The unaudited interim financial statements and the MD&A contain forward-looking statements that reflect management's expectations regarding the Authority's objectives, plans, strategies, future growth, results of operations, performance, and business prospects and opportunities. Forward-looking statements are typically identified by words or phrases such as "plans", "anticipates", "expects", "believes", "estimates", "intends" and other similar expressions. These forward-looking statements are not facts, but only estimates regarding future results. These estimates are based on certain factors or assumptions regarding expected growth, results of operations, performance, business prospects and opportunities (assumptions). While management considers these assumptions to be reasonable based on available information, they may prove to be incorrect. These estimates of future results are subject to a number of risks, uncertainties and other factors that could cause actual results to differ materially from what the Authority expects.

DESCRIPTION OF THE OPERATIONS AND OBJECTIVES

Pursuant to the *Pilotage Act*, the Authority has a mandate to operate in the interest of safety, a marine pilotage service in all Canadian waters in the Provinces of Ontario, Manitoba and in Quebec south of the northern entrance to the St. Lambert Lock. Services are provided through the performance of pilotage assignments on those vessels entering the region which are subject to compulsory pilotage by pilots employed by the Authority.

The Authority must co-ordinate its efforts and operations with a number of organizations such as The St. Lawrence Seaway Management Corporation and the United States St. Lawrence Seaway Development

Corporation, who operate the lock facilities, and maintain traffic control systems within the region; the Canadian Coast Guard, who provides aids to navigation and the United States Coast Guard, who are responsible for the United States pilotage matters in international waters.

The Authority has the responsibility to provide the pilotage services within a commercially-oriented framework directed toward achieving and maintaining financial self-sufficiency at the least cost to the user. It must also be responsive to the Government's environmental, social and economic policies.

SIGNIFICANT CHANGES AND BUSINESS DEVELOPMENTS

The Authority uses the following strategic and operations performance indicators as an integral part of its decision-making process. The following assessment represents the Authority's second quarter performance in comparison to Q2 targets and to 2018 Q2 results.

	STRATEGIC PERFORMANCE INDICATORS	Q2-2019	Target	Vs Target	Q2-2018	Vs 2018
1 - C	ONTINUED FOCUS ON PROVIDING SAFE PILOTAGE SER	VICES				
1-1	Number of major marine incidents	0	0		0	
1-2a	Number of minor marine incidents	2	2		4	
1-2b	As a % of incident-free assignments	99.9%	99.9%		99.9%	
2 - C	ONTINUED FOCUS ON PROVIDING RELIABLE PILOTAGE	SERVICES		,		
2-1	Number of vessel delays due to shortage of pilots (hours)	3,619	275		942	
3 - C	ONTINUED FOCUS ON IMPROVING THE AUTHORITY'S FI	NANCIAL SE	LF-SUFFIC	IENCY		
3-1	Net income (in millions)	\$0.9	(\$1.1)		\$0.6	
	OPERATIONAL PERFORMANCE INDICATORS	Q2-2019	Target	Vs Target	Q2-2018	Vs 2018
1 - C	ONTINUED FOCUS ON PROVIDING SAFE PILOTAGE SER	VICES		,		,
1-3	Number of audited Canadian vessel transits	483	450		842	
1-4	Certificate holder monitoring - up-to-date	YES	YES		YES	
2 - C	ONTINUED FOCUS ON PROVIDING RELIABLE PILOTAGE	SERVICES				
2-2a	Number of new apprentice-pilots recruited	3	5		10	
2-2b	Number of new pilots trained and retained	6	3		3	
3 - C	ONTINUED FOCUS ON IMPROVING THE AUTHORITY'S FI	NANCIAL SE	LF-SUFFIC	IENCY		
3-2	Cost per assignment	\$3,894	\$4,816		\$3,916	
4 - T	ARIFF AMENDMENTS					,
4-1a	Approval of planned tariffs (net % increase)	3.95%	3.95%		2.95%	
4-1b	Approval of tariffs before the start of the navigation season	YES	YES		YES	
	Performance on or above target Performance slightly below target Per	formance significa	antly below target	Performano	e comparison is	not relevant

TRAFFIC



During the second quarter, the Authority saw 250 vessels enter the Great Lakes system for a YTD total of 255 vessels as compared to 240 and 245 respectfully for the same periods in 2018. The 4.1% increase in traffic is being driven mainly by an increase in dry bulk shipments, the movement of windmill parts and grain. Pilotage demand from the Canadian domestic industry increased by 154% in comparison to 2018 mainly due to tankers and a reduced amount of certificate holders. In addition, the percentage of pilotage assignments

attributed to the domestic companies represents 28.7% of the total assignments for June year-to-date (YTD) 2019, compared to 13.6% in 2018.

The extreme ice conditions experienced at the opening of the St. Lawrence Seaway in March 2019 continued to be a challenge for pilotage in the International Districts 1, 2 and 3 up to the end of April resulting in pilots having to be overcarried due to pilot boats not being able to be deployed in the International Districts 1 and 2. The Authority also had its first assignment in International District 3 on April 14, 2019, as compared to April 11 in 2018.

Pilotage challenges continued in May as the Great Lakes region experienced large amounts of precipitation and ice melting which caused lakes and river water levels to be at record high levels. In order to minimize flooding and destruction of property for Canadian and American residents in the Lake Ontario/St. Lawrence region, the Authority and the pilots have been working in collaboration with all industry stakeholders, including supporting the International Lake Ontario St. Lawrence River Board (the LOSLRB), to reduce the negative effects shipping may cause during this period. Since June 13, 2019, Lake Ontario outflows have been at 10,400 cu. m/sec. which represents the maximum outflow to ensure the safety of navigation is not jeopardized. Thus, ships transiting in these areas need to reduce their speeds by up to one half the regular speed to mitigate the effects of wake action during the high-water levels. In addition, these high-water levels in International District 1 have resulted in stronger currents, resulting in the requirement of tug assistance at Iroquois Lock. These challenges have put a stress on the pilot workload given the increase in work hours. This situation is being monitored on a regular basis by the St. Lawrence Seaway and the LOSLRB and at this time, these measures are expected to continue into August 2019.

The June YTD pilotage assignments are 20.5% greater than those of 2018 and 46.8% greater than budgeted for 2019. Even with potential concerns that the current high-water levels in Lake Ontario are expected to continue until the end of August and the negative impacts causing higher delays, discussions with industry stakeholders

	Actual / Forecast	Budget		Actual	
Number of Assignments	2019	2019	Var %	2018	Var %
Winter Work	165	ı	N/A	•	N/A
NAVIGATION SEASON					
Year-to-date	3,361	2,290	46.8%	2,790	20.5%
Year-to-go	6,044	5,410	11.7%	6,008	0.6%
TOTAL	9,405	7,700	22.1%	8,798	6.9%

^{*} The Authority operates in the St. Lawrence Seaway. The Seaway usually closes in late December due to winter weather conditions and reopens in late March. Pilotage services are provided between Port Colborne, ON and Port Huron, MI during the winter months.

lead the Authority to believe that traffic for the remaining year will mirror that of 2018. The Authority and the Great Lakes marine industry stakeholders are closely monitoring the potential reduction in traffic that the current high-water levels will have for the summer and the remainder of 2019.

CONTINUED FOCUS ON PROVIDING SAFE PILOTAGE SERVICES

Marine Incidents



Navigational safety on the Great Lakes is the primary objective of the Authority and its pilotage system. The Authority continually evaluates its operations and makes every effort to



introduce improvements for ensuring that employees work in a safe environment and that all vessel passages are safe and secure. In the second quarter of 2019, two (2) minor incident and no major incidents were reported, compared to no major and four (4) minor incidents in 2018.

Canadian Vessel Transit Monitoring and Certificate Holder Monitoring

In response to the long-standing practice of exempting Canadian ships from compulsory pilotage, the Authority introduced a requirement that all Canadian officers intending to perform pilotage duties on the Great Lakes hold a valid pilotage certificate issued by the Authority. The *Great Lakes Pilotage Regulations* were amended in 2011 to reflect this requirement. To properly administer this program and manage its risks, the Authority was given the task of monitoring pilotage certificate holders to ensure they maintain the requirements set out in its Regulations on medical fitness, qualifications, and navigation experience in the compulsory pilotage area covered in their certificate. The Authority must also monitor Canadian vessels transiting the Great Lakes to ensure that any vessel subject to compulsory pilotage is under the conduct of a valid certificate holder whenever the service of a pilot is not requested.

The Authority continually monitors pilotage certificate holders to ensure that all requirements of the certification program are maintained, to communicate with those holders not maintaining the requirements, to suspend certificates, and to cancel certificates when deemed appropriate.

For the second quarter of 2019, the Authority randomly audited 453 Canadian vessel transits (483 YTD), and concluded that all ships were under the conduct of a valid certificate holder when the service of a pilot was not requested.

CONTINUED FOCUS ON PROVIDING RELIABLE PILOTAGE SERVICES

Delays to Vessels



The Authority continues to focus its attention on reducing vessel delay hours attributable to pilot shortages as an objective of its 2019 navigation season in a manner that does not materially affect its fiscal responsibilities. For the second quarter, the Authority recorded 3,619 hours in vessel delays due to a shortage of pilots compared to 942 hours for the same period in 2018.

Even with the YTD increase in full-time equivalent pilots to 58.2 from 55.0 in 2019, the

20.5% increase in assignments vs. 2018 as well as the adverse non-controllable implications resulting from the extreme ice conditions and the high-water flows from Lake Ontario have led to a significant increase in vessel delays, when compared to 2018. As the trend of high-water levels is expected to continue to at least the end of August, vessel delay hours due to a shortage of pilots are forecast to surpass the 2018 level. The Authority will continue to work with the industry to find the least costly alternatives when vessel delays cannot be avoided.

Recruitment, Training, and Retention of Apprentice-Pilots

Through its Enterprise Risk Management assessment, the Authority continues to view pilot succession planning as crucial given an additional 20 pilots are expected to retire in the next five years. To properly mitigate this risk, the Authority is planning for a high level of pilot recruitment and training.

The Authority continues to use its Apprentice Pilot Training Program effectively. During the second quarter, the Authority had six (6) apprentice-pilots licensed. As of June 30, 2019, six (6) apprentice-pilots are in training with the expectation that one (1) apprentice-pilot will be licensed in the third quarter of 2019 and the remaining are expected to be licensed during the 2020 navigation season. Three (3) additional apprentice-pilots have been recruited and will begin training in the third quarter of the 2019 navigation season.

CONTINUED FOCUS ON IMPROVING THE AUTHORITY'S FINANCIAL SELF-SUFFICIENCY

The Authority reported a profit of \$2.2 million for the second quarter, resulting in a YTD surplus of \$0.9 million. This compares to a \$1.8 million profit for the second quarter and YTD surplus of \$0.6 million in 2018. Second quarter profits were mainly driven by a 26.4% year over year increase in traffic.

The following table illustrates the Authority's performance for the second quarter of 2019, compared to the same period in 2018.

In millions	3 months ended June 30 2019	3 months ended June 30 2018	Change	%	YTD June 30 2019	YTD June 30 2018	Change	%	Explanation of change
Revenue	\$ 13.2	\$ 10.9	\$ 2.3	21.1%	\$ 14.6	\$ 11.5	\$ 3.1	27.0%	Increase mainly driven by the 20.5% incease in pilot assignments compared to 2018 as well as additional revenue resulting from winter navigation outside of the St. Lawrence Seaway's navigation season.
Operating costs	10.6	8.8	(1.8)	-20.5%	13.0	10.3	(2.7)	-26.2%	Increase mainly driven by pilot compensation to service the 20.5% icnrease in pilot assignments compared to 2018 and for the winter navigation pilotage demands.
Administrative costs	0.4	0.3	(0.1)	-33.3%	0.7	0.6	(0.1)	-16.7%	No single item is materially different from 2018 results.
Profit (loss)	\$ 2.2	\$ 1.8	\$ 0.4	22.2%	•	\$ 0.6	\$ 0.3	50.0%	
Other comprehensive income (loss)	-	-	-	0.0%	-	-	-	0.0%	
Comprehensive profit (loss)	\$ 2.2	\$ 1.8	\$ 0.4	22.2%	\$ 0.9	\$ 0.6	\$ 0.3	50.0%	

Management anticipates forecast pilot assignments for 2019 to be 22.1% higher than budgeted and 6.9% higher than 2018 and that this traffic increase will be serviced primarily on overtime. Also, the Authority has seen and will continue to see incremental pilot compensation caused by the significant loss of resource efficiencies resulting from navigation during the extreme ice conditions in April and the highwater level from May to the end of August. At this stage, the Authority is forecasting that it will incur a financial loss for 2019. Management is still exploring strategies to contain the anticipated loss.

Cash flow

The Authority posted a cash balance of \$1.6 million and a short-term investments balance of \$0.8 million at the end of the second quarter in 2019 compared to the \$1.6 million cash balance for the same period last year. The Authority did not use its \$3.0 million line of credit in the second quarter, and, based on the current financial forecast, does not anticipate requiring these available funds for the remainder of 2019.

GOVERNANCE AND ACCOUNTABILITY

Board of Directors

As of June 30, 2019, the Board of Directors consists of the Acting-Chairperson of the Board of Directors and five (5) directors appointed by the Governor in Council following the resignation of the Chairperson on June 28, 2019. Of the six (6) directors, five (5) are female and one (1) is male. The Board is responsible for overseeing the strategic direction and management of the Authority, and reports on the Authority's operations to Parliament through the Honorable Marc Garneau, Minister of Transport.

Board Meetings

During the second quarter of 2019, three (3) Board meetings and five (5) committee meetings were held. The attendance rate of Board members at these meetings was 100 per cent. Cumulative fees paid to Board members during the second quarter totaled \$37,750 (\$23,750 for the same period in 2018).

Travel, Hospitality and Conference Expenses

THE FOLLOWING TRAVEL, HOSPITALITY AND CONFERENCE EXPENSES WERE SUBMITTED DURING THE SECOND QUARTER OF 2019:						
		3 months ended June 30, 2019		YTD une 30,2019		
Ms. Danièle Dion						
Chairperson of the Board	\$	3,841	\$	7,741		
Ms.Michèle Bergevin						
Chief Executive Officer (starting February 25, 2019)	\$	4,966	\$	7,496		
Mr. Stéphane Bissonnette						
Interim Chief Executive Officer (January 1 to February 24' 2019)	\$	-	\$	4,947		
Board of Directors (6 members)	\$	11,931	\$	20,273		
Senior Management (2 members)	\$	6,565	\$	12,762		
TOTAL	\$	27,303	\$	53,219		

ACCESS TO INFORMATION AND PRIVACY

The Authority strongly believes that operating in an open and transparent manner is key to building and maintaining excellent relationships with its customers, its partners and with the public in general. As such, the Authority is committed to responding to information requests from the public, the media and all those interested in the Authority's operations in a timely fashion. During the second quarter of 2019, the Authority did not receive any new requests and there were no outstanding requests at quarter end.

PROMOTION OF OFFICIAL LANGUAGES

The Authority complies with the *Official Languages Act* and offers its services in both official languages. In the second quarter, no complaints were filed against the Authority to the Commissioner of Official Languages regarding its responsibility to offer bilingual services.

LABOUR RELATIONS

Public Service Alliance of Canada (PSAC)

The agreement expired on June 30, 2016. PSAC represents the dispatchers and clerical office staff. Both parties met on a few occasions in the second quarter of 2019 without any progress made. Conciliation is set to begin on July 15, 2019.

Corporation of Professional Great Lakes Pilots, Corporation of the Upper St. Lawrence Pilots, The Pilots' Corporation – Lake Ontario and Harbours, *Corporation des Pilotes du Fleuve et de la Voie maritime du Saint-Laurent*

The collective agreements for the *Corporation des Pilotes du Fleuve et de la Voie maritime du Saint-Laurent* and the Corporation of Professional Great Lakes Pilots were ratified in 2018 and are set to expire on March 31, 2022. The other two agreements expired on March 31, 2017. The Authority continued its negotiations with the Corporation of the Upper St. Lawrence Pilots during the second quarter and ratified a new agreement in June 2019 with an expiry date of March 31, 2022. The Authority's negotiations with the remaining pilot group is scheduled to start in July 2019.

INTERNAL CONTROLS AND PROCEDURES

During the second quarter of 2019, there were no changes in internal controls over financial reporting that have materially affected, or are reasonably likely to materially affect, the Authority's internal controls over financial reporting.

RISKS AND RISK MANAGEMENT

The Authority's management considers risks and opportunities at all levels of decision making and has implemented an enterprise risk management (ERM) approach. A description of the Authority's risks is provided in the 2018 Annual Report.

It is management's opinion that, although there are no changes to the strategic risks, the financial implications associated with the navigation under extreme ice conditions as well as the high-water levels incurred in the second quarter, and anticipated for a portion of the third quarter of 2019, will lead to the Authority reporting a financial loss for the year.

CONTRACTUAL OBLIGATIONS AND COMMITMENTS

Contractual obligations and commitments were explained in Note 17 – *Commitments* of the 2018 Audited Financial Statements. There are no material changes to the contractual obligations and commitments during the second quarter of 2019.

RELATED PARTY TRANSACTIONS

The Authority has a variety of transactions with related parties in the normal course of business. These transactions are not materially different from what was reported in Note 16 – *Related Party Transactions* of the 2018 Audited Financial Statements.

CONTINGENT LIABILITIES

It is management's opinion that there are no contingent liabilities in the second quarter or anticipated for the remainder of 2019 that could have a material impact on the Authority's finances.

SUBSEQUENT EVENTS

It is management's opinion that there are no material events subsequent to the end of the second quarter that have not been reflected in the quarterly statements.

CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS

Critical accounting estimates and judgments are described in Note 5 – *Critical accounting estimates and judgments* of the unaudited interim second guarter financial statements ended June 30, 2019. It is

management's opinion that there are no changes in underlying its estimates used in the preparation of the second quarter financial statements that have a significant impact on the second quarter results.

ACCOUNTING PRONOUNCEMENTS

The Authority's unaudited interim second quarter financial statements ended June 30, 2019 include a complete discussion of the impact on the Authority of pronouncements issued by the Internal Accounting Standards Board (IASB) or the IFRS Interpretations Committee that were mandatory for accounting periods beginning on January 1, 2014. This impact along with discussions on proposed standards not yet in effect are described in Note 3 – *Accounting Standards* of the unaudited interim second quarter financial statements ended June 30, 2019.

APPROPRIATIONS

Since 1998, the Authority is prohibited from receiving Parliamentary appropriations per section 36.01 of the *Pilotage Act*. The Authority is financially self-sufficient and regularly endorses a strategy that ensures that this strategic goal remains among the highest priority.

202 Pitt Street, 2nd floor

Cornwall, Ontario K6H 5R9

UNAUDITED FINANCIAL STATEMENTS

Quarterly Results

Six months to June 30, 2019

Statement of Management Responsibility:

Management is responsible for the preparation and fair presentation of these quarterly financial statements in accordance with the Treasury Board of Canada Standard on Quarterly Financial Reports for Crown Corporations and for such internal controls as management determines is necessary to enable the preparation of quarterly financial statements that are free from material misstatement. Management is also responsible for ensuring all other information in this quarterly financial report is consistent, where appropriate, with the quarterly financial statements.

Based on our knowledge, these unaudited quarterly financial statements present fairly, in all material respects, the financial position, results of the operations and cash flows of the corporation, as at the date of and for the periods presented in the quarterly financial statements.

Michèle Bergevin Chief Executive Officer

Cornwall, Ontario August 28th, 2019 Stéphane Bissonnette, CPA, CA Chief Financial Officer

Stephane BISS connette

Statement of Financial Position (in thousands)

Unaudited

	June 30, 2019		December 31, 2018			
ASSETS						
Current						
Cash and cash equivalents	\$	1,608	\$	6,638		
Investments		799		3,833		
Trade and other receivables		5,596		4,147		
Prepaids		71		28		
		8,074		14,646		
Non-current						
Property and equipment		652		559		
Intangible assets		261		306		
Right-of-use		315				
	\$	9,302	\$	15,511		
LIABILITIES						
Current						
Accrued salaries and benefits	\$	5,027	\$	12,694		
Other accounts payable and accrued charges		1,237		977		
Employee benefits		96		217		
Capital lease		43	-			
		6,403		13,888		
Non-current						
Deferred Lease Inducement		35		39		
Employee benefits		2,188		2,122		
Capital lease		265				
		8,891		16,049		
EQUITY						
Accumulated deficit		411		(538)		
	\$	9,302	\$	15,511		

The accompanying notes are an integral part of these financial statements.

Statement of Operations and Comprehensive Income (in thousands)

Unaudited

	3 months ended June 30, 2019		Year to date June 30, 2019		3 months ended June 30, 2018		Year to date June 30, 2018	
Revenues								
Pilotage charges	\$	13,187	\$	14,515	\$	10,903	\$	11,424
Pilot boat income		19		19		17		17
Interest and other income		25		79		17		41
		13,231		14,613		10,937		11,482
Expenses								
Pilots' salaries and benefits		8,017		9,692		6,398		7,310
Transportation and travel		1,294		1,450		1,039		1,118
Pilot boat services		522		546		529		541
Operation staff salaries and benefits		400		546		415		573
Administration staff salaries and benefits		293		488		243		447
Professional and special services		112		160		105		144
Pilot transfer services		94		96		103		104
Amortization and depreciation		80		161		57		114
Pilot laptop and navigation software		58		71		45		55
Utilities, materials and supplies		37		97		43		92
Repairs and maintenance		33		38		14		19
Communications		29		50		26		49
Interest and bank charges		17		26		2		6
Purchased dispatching services		11		11		13		13
Rentals		4		8		22		41
Pilot training and recruiting costs		(32)		224		19		300
		10,969		13,664		9,073		10,926
Profit (loss) for the period	\$	2,262	\$	949	\$	1,864	\$	556
Other Comprehensive Income Items that will not be reclassified to net results								
Actuarial gain (loss) on employee benefits		-				-		-
Comprehensive income (loss) for the period	\$	2,262	\$	949	\$	1,864	\$	556

The accompanying notes are an integral part of these financial statements.

Statement of Changes in Equity (in thousands)

Unaudited

	3 months ended June 30, 2019			o date 3 months ended June 30, 2018		Year to date June 30, 2018		
Accumulated deficit, beginning of period	\$	(1,851)	\$	(538)	\$	(2,156)	\$	(848)
Profit (loss) for the period		2,262		949		1,864		556
Other Comprehensive income (loss) for the period								
Total comprehensive income (loss) for the period		2,262		949		1,864		556
Accumulated (deficit), end of period	\$	411	\$	411	\$	(292)	\$	(292)

Statement of Cash Flows (in thousands)

Unaudited

	ths ended 30, 2019			ths ended 30, 2018	Year to date June 30, 2018		
Operating activities				 			
Profit (loss) for the period	\$ 2,262	\$	949	\$ 1,864	\$	556	
Adjustments to determine net cash (used in) provided							
by operating activities:							
Employee benefits	37		(56)	(40)		(234)	
Amortization and depreciation	66		132	57		114	
Amortization of deferred leasehold inducements	(2)		(4)	(2)		(4)	
Amortization of capital lease	16		33			-	
Changes in non-cash working capital items:							
Decrease (increase) in receivables	(4,598)		(1,449)	(4,382)		(529)	
Decrease (increase) in prepaids	(61)		(43)	(27)		(19)	
Increase (decrease) in accrued salaries							
and benefits	2,605		(7,667)	2,768		(6,694)	
Increase (decrease) in other accounts							
payable and accrued charges	 863		260	 615		115	
Net cash (used in) provided by operating activities	 1,188		(7,845)	 853		(6,695)	
Investing activities							
Disposal of investments	581		3,833	-		3,664	
Purchase of investments	(799)		(799)	-		-	
Acquisition of property and equipment							
and intangible assets	 (69)		(180)	 (123)		(138)	
Net cash (used in) provided by investing activities	 (287)		2 854	(123)		3,526	
Financing activities							
Payment of capital lease liabilities	 (23)		(40)	 			
Cash and cash equivalents							
Net Increase (decrease) in cash during							
the period	878		(5,031)	730		(3,169)	
Balance, beginning of period	730		6,639	824		4,723	
Balance, end of period	\$ 1,608	\$	1,608	\$ 1,554	\$	1,554	

The accompanying notes are an integral part of these financial statements.

Notes to the Unaudited Financial Statements

1. Authority and objectives

The Great Lakes Pilotage Authority, Ltd. (The Authority) was established in February 1972 pursuant to the *Pilotage Act*, incorporated as a limited company in May 1972, and was continued under the *Canada Business Corporations Act*. Until October 1, 1998, it operated under the name of Great Lakes Pilotage Authority, Ltd. and was a subsidiary of the St. Lawrence Seaway Authority. Pursuant to the *Canada Marine Act*, which received Royal Assent on June 11, 1998, the name of the Authority was changed to Great Lakes Pilotage Authority and the Authority was deemed to have been established under subsection 3(1) of the *Pilotage Act*. The Authority is a Crown corporation listed in Schedule III, Part I of the *Financial Administration Act*.

The objectives of the Authority are to establish, operate, maintain and administer a safe and efficient pilotage service within designated Canadian waters.

In July 2015, the Authority was issued a directive (P.C. 2015-1114) pursuant to section 89 of the *Financial Administration Act* to align its travel, hospitality, conference and event expenditure policies, guidelines and practices with Treasury Board policies, directives and related instruments on travel, hospitality, conference and event expenditures in a manner that is consistent with its legal obligations, and to report on the implementation of this directive in the Authority's next corporate plan.

The Authority confirms it complies with the directive.

The Authority is exempt from any income taxes.

The principal registered address and records office of the Authority are located at 202 Pitt Street, 2nd floor, Cornwall, Ontario.

Regulation of tariff of pilotage charges

The Authority shall, with the approval of the Governor in Council, make regulations prescribing tariffs of pilotage charges to be paid to that Authority. The tariff approval process is set out in the *Pilotage Act*. Consequently, the Authority must first publish the proposed tariff regulation in the *Canada Gazette*. Any person who has reason to believe that a regulation in this proposal is not in the public interest may file a notice of objection, setting out the grounds therefore, with the Canadian Transportation Agency (Agency) within thirty days following publication of the proposed regulation in the *Canada Gazette*. In such a case, the Agency must investigate the proposed regulation as necessary or desirable in the public interest, including the holding of public hearings. Once its investigation is complete, the Agency must make a recommendation within 120 days following the receipt of notices of objection, and the Authority is required to govern itself accordingly. The Agency is an entity related to the Authority as an organization of the federal government.

The tariffs may come into force 30 days after their publication in the *Canada Gazette*. However, where the Agency recommends a pilotage charge that is lower than that fixed by the Authority, the Authority is required to reimburse the difference between this charge and the charge recommended by the Agency, plus interest, to any person who has paid the fixed charge. The *Pilotage Act* stipulates that the Governor in Council may amend or cancel a recommendation of the Canadian Transportation Agency.

The tariffs of pilotage charges must be fair and reasonable, and must enable the Authority to operate on a self-sustaining financial basis. Thus, the tariffs fixed are intended to allow the Authority to recover its costs.

2. Basis of presentation

(a) Declaration of conformity

These financial statements, including comparatives, have been prepared in compliance with International Financial Reporting Standards (IFRS). The financial statements were approved by the Board of Directors on August 28, 2019.

(b) Basis of measurement

The financial statements have been prepared at historical cost except for financial instruments classified at amortized cost, which are measured at fair value on initial recognition and subsequently at amortized cost using the effective interest method.

3. Accounting standards

In the second quarter, there were no amendments and interpretations issued by IASB and the Interpretations Committee that would have a possible effect on the Authority in the future.

a) Implemented in the first quarter

IFRS 16 – Leases – In January 2016, the IASB published a new standard to replace the previous IAS 17 – Lease. The new standard requires certain leases to be reported on a company's balance sheet as assets and liabilities, provides more transparency and improves comparability between companies. Leases that are less than 12 months in duration or that are for low dollar value items, are not required to be capitalized. This standard is applicable retrospectively for periods beginning on or after January 1, 2019, with early application permitted. The Authority did not early adopt IFRS 16. The Authority applied the simplified approach and did not restate comparative amounts for the year prior to first adoption. In applying IFRS 16 for the first time, the Authority used the practical expedients permitted by the standard. In addition, the Authority elected not to apply IFRS 16 to contracts that were not identified as containing a lease under IAS 17 and IFRIC 4. The Authority has determined that the accounting for its head office lease is the only lease impacted by this new standard. As at January 1, 2019, the Authority valued the asset to equal an amount equal to the lease liability, which is \$335,223.

4. Significant accounting policies

The significant accounting policies are as follows:

(a) Cash and cash equivalents

Cash equivalents represent short-term readily convertible investments that mature within 3 months and consist of Canadian dollar deposits held by a Canadian chartered bank.

(b) <u>Investments</u>

The objective of the Authority's investment policy is to maximize the investment rate of return in a Government of Canada guaranteed bond.

(c) Property and equipment

Property and equipment are recorded at cost. Depreciation of property and equipment is calculated on a straight-line basis and is based on the estimated useful lives of the assets as follows:

Asset category	Estimated useful life
Buildings	20 years
Furniture	10 years
Leasehold improvements	shorter of the term of the lease and

Communication and computer equipment Right-of-use

the useful life of the leasehold improvement Up to 5 years the term of the lease

Depreciation methods, useful lives and residual values are reviewed at each year end and adjusted for the future. No depreciation is provided for projects in progress.

(d) Intangible asset

Software is recorded at cost. Amortization of software is calculated on a straight-line basis and is based on the estimated useful life of the asset as follows:

Asset category

Estimated useful life

Software

Up to 5 years

Amortization methods, useful lives and residual values are reviewed at each year end and adjusted for the future. No amortization is provided for projects in progress.

(e) Pension benefits

All of the employees of the Authority are covered by the Public Service Pension Plan (the Plan), a contributory defined benefit plan established through legislation and sponsored by the Government of Canada. Contributions are required by both the employees and the Authority to cover current service cost. Pursuant to legislation currently in place, the Authority has no legal or constructive obligation to pay further contributions with respect to any past service or funding deficiencies of the Plan. Consequently, contributions are recognized as an expense in the year when employees have rendered service and represent the total pension obligation of the Authority.

(f) Severance benefits

Employees are entitled to severance benefits, as provided under labour contracts and conditions of employment. The cost of the severance benefits earned by employees is determined annually on an actuarial basis using the projected unit credit method prorated with years of credited service and management's best estimate assumptions, such as the discount rate, rate of salary increase, inflation, retirement ages of employees and other factors. The actuarial gain (loss) is recognized in other comprehensive income and cannot be reclassified to profit in the future.

The benefit costs are determined using the cost of employee benefits for the current years' service, the interest cost on the accrued benefit obligation and net actuarial gain or loss for the year.

(g) Retirees' death benefits

Former employees who retired prior to 1999 have been granted a death benefit. The liability amount for this benefit is determined annually on an actuarial basis using the projected unit credit method. The actuarial gain (loss) is recognized in other comprehensive income and cannot be reclassified to profit in the future.

The annual cost of this benefit comprises the amount of benefits paid in the year plus the change in the actuarial liability during the year, reduced by a retiree contribution.

(h) Employee benefits

The Authority's short-term employee benefits which include compensated absences, are evaluated on an undiscounted basis and are expensed as the related services are rendered.

(i) Effects of changes in foreign exchange rate

Assets and liabilities denominated in foreign currencies are translated into Canadian dollars at exchange rates prevailing at the statement of financial position date. Revenues and expenses denominated in foreign currencies are translated into Canadian dollars at monthly average exchange rates. All exchange gains and losses are included under interest and other income in profit and loss for the year.

(j) Revenue recognition

Revenue is recognized as control is passed. The Authority has assessed that the control for pilotage services is passed at a certain point in time, more specifically when the pilot assigned to a vessel has completed his pilotage assignment, or the assignment is cancelled. Revenues earned from pilot boat income are recognized as services are rendered. Interest and other income are recognized using the effective interest method as they are earned.

(k) Financial assets

Financial assets are classified or designated into one of three categories:

- Amortized cost;
- Fair value through profit or loss (FVTPL); and
- Fair value through other comprehensive income (FVTOCI).

The classification is determined at initial recognition and depends on the nature and purpose of the financial asset. The Authority has financial assets in one category, amortized cost.

(i) Amortized cost – Policy applicable to cash, cash equivalent, trade and other receivables and investments upon transition to IFRS 9 (January 1, 2018)

Financial assets are measured at amortized cost if it meets both of the following conditions and is not designated as FVTPL:

- It is held within a business model whose objective is to hold assets to collect contractual cash flows.
- The contract terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal outstanding.

On initial recognition, financial assets are measured at fair value. Fair value on initial recognition includes transaction cost directly attributable to the acquisition of financial assets. Subsequent to initial recognition, financial assets classified in this category are recognized at amortized cost using the effective interest method. The effective interest rate is the rate that exactly discounts the estimated future cash payments and receipts through the expected life of the financial asset to its carrying amount. When calculating the effective interest rate, the Authority estimates future cash flows, considering all contractual terms of the financial instrument. Interest income is presented in Interest and Other Income in the Statement of Operations.

(ii) FVTPL financial assets – Policy applicable to cash, cash equivalents and investments prior to adoption of IFRS 9 (January 1, 2018)

Financial assets are classified or designated as FVTPL when the financial asset is held for trading or it is designated as FVTPL.

A financial asset is classified or designated as held for trading if:

- It has been acquired principally for the purpose of selling in the near future;
- It is a part of an identified portfolio of financial instruments that the Authority manages and has an actual pattern of short-term profit-taking; or

• It is a derivative that is not designated and effective as a hedging instrument.

Financial assets classified or designated as FVTPL are stated at fair value with any resultant gain or loss recognized in profit or loss. The net gain or loss recognized incorporates any dividend or interest earned on the financial asset.

(iii) Loans and receivables — Policy applicable to trade and other receivables prior to adoption of IFRS 9 (January 1, 2018)

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables are initially recognized at the fair value and subsequently carried at amortized cost using the effective interest method less impairment losses. The impairment loss of receivables is based on a review of all outstanding amounts at period end. Bad debts are written off during the year in which they are identified.

(iv) Impairment of financial assets other than those measured at fair value

Financial assets are assessed for indicators of impairment at each period end. Financial assets are impaired when there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the investment have been impacted.

Objective evidence of impairment could include the following:

- Significant financial difficulty of the issuer or counterparty;
- Default or delinquency in interest or principal payments; or
- It has become probable that the borrower will enter bankruptcy or financial reorganization.

The carrying amount of all financial assets, excluding accounts receivables, is directly reduced by the impairment loss. The carrying amount of accounts receivables is reduced through the use of an allowance account. When accounts receivables are considered uncollectible, they are written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against the allowance account. Changes in the carrying amount of the allowance account are recognized in profit or loss.

To assess the impairment of trade and other receivables, the Authority applies a simplified approach in calculating the allowance for expected credit loss (ECLs). Therefore, the Authority does not track changes in credit risk, but instead recognizes a loss allowance based on lifetime ECLs at each reporting date. The Authority has established a provision matrix that is based on its historical credit loss experience, adjusted for forward-looking factors specific to the debtors and the economic environment.

(v) Derecognition of financial assets

A financial asset is derecognized when:

- The contractual right to the asset's cash flows expire; or
- If the Authority transfers the financial asset and substantially all risks and rewards of ownership to another entity.

(I) Financial liabilities

Financial liabilities are classified as either financial liabilities at FVTPL or amortized cost. The Authority classifies its financial liabilities at amortized cost unless it has designated liabilities at FVTPL or is required to measure liabilities at FVTPL.

(i) Amortized cost – Policy applicable to other accounts payable and accrued charges and accrued salaries and benefits prior to and upon adoption of IFRS 9 (January 1, 2018)

Other financial liabilities are initially measured at fair value, net of transaction costs, and are subsequently measured at amortized cost using the effective interest method, with interest expense recognized on an effective yield basis.

The effective interest method is a method of calculating the amortized cost of a financial liability and of allocating interest expenses over the corresponding period. The effective interest rate is the rate that exactly discounts estimated future cash payments over the expected life of the financial liability, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

The Authority has classified other accounts payable and accrued charges and accrued salaries and benefits as other financial liabilities at amortized cost. Due to the short-term nature of these accounts, their carrying values are deemed to approximate their fair values.

(ii) Derecognition of financial liabilities

The Authority derecognizes financial liabilities when, and only when, the Authority's obligations are discharged, cancelled or they expire.

(m) Exchange of services

Exchanges of services are recorded at the estimated fair value of the goods or services received. Revenues from exchange of services are recognized when the related services are rendered. Expenses resulting from exchange of services are recognized during the period when the related goods or services are provided by third parties.

(n) <u>Lease Payments</u>

All Authority leases and leased assets are not recognized on the statement of financial position since virtually all the risks and benefits associated with ownership of leased assets are not passed to the Authority.

Payments under operating leases are expensed on a straight line over the term of the lease.

5. Critical accounting estimates and judgements

The preparation of financial statements requires management to make judgments, estimates and assumptions that affect the application of policies and reported amounts of assets and liabilities, and revenues and expenses. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making the judgments about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and further periods if the review affects both current and future periods.

Judgments made by management in the application of IFRS that have a significant effect on the financial statements and estimates with a significant risk of material adjustment in the current and following fiscal year are discussed as follows.

(a) Significant accounting estimates

Significant accounting estimates are estimates and assumptions made by management that may result in material adjustments to the carrying amount of assets and liabilities within the next year.

Employee severance and retirees' death benefits

The Authority engages a third-party actuary to assess the fair value of its employee severance benefits and the retirees' death benefit. The Authority assesses these obligations at December 31 each year.

Amortization and Depreciation rates

Refer to Note 4 (c) and 4 (d) for the estimated maximum useful lives of property and equipment and intangible assets.

(b) Significant accounting judgments

Significant accounting judgments are accounting policies that have been identified as being complex or involving subjective judgments or assessments. Management has not made any significant accounting judgments in the preparation of these interim quarterly financial statements.