# National Research Council Canada

## 2017 to 2018 Fees Report

The Honourable Navdeep Bains, P.C., M.P., Minister of Innovation, Science and Economic Development

The Honourable Kirsty Duncan, P.C., M.P., Minister of Science and Sport

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# Table of contents

Ministers' message	1
General Fees Information	3
General and financial information by fee category	3
Fees under the National Research Council of Canada's authority	7
Endnotes	. 21

# Ministers' message

On behalf of the National Research Council of Canada, we are pleased to present the 2017 to 2018 Report on Fees.

On June 22, 2017, the <u>Service Fees Act</u><sup>i</sup> received royal assent, thereby repealing the <u>User Fees</u> Act<sup>ii</sup>.

The Service Fees Act introduces a modern legislative framework that enables cost-effective delivery of services and, through enhanced reporting to Parliament, improved transparency and oversight. The act provides for:

- a streamlined approach to consultation and the approval of new or modified fees
- a requirement for services to have service standards and reporting against these standards, along with a policy to remit fees to fee payers when standards are not met
- an automatic annual fee adjustment by the Consumer Price Index (CPI) to ensure that fees keep pace with inflation
- annual detailed reporting to Parliament in order to increase transparency

This 2017 to 2018 Fees Report is the first report to be prepared under the Service Fees Act. The report includes new information such as a detailed listing of all fees along with future year fee amounts. Additional fee information will be included starting next fiscal year, once the National Research Council Canada fully transitions to the Service Fees Act regime.

We welcome the increased transparency and oversight that the Service Fees Act's reporting regime embodies, and I am fully committed to transitioning my department to this modern framework.



The Honourable Navdeep Bains Minister of Innovation, Science and Economic Development



The Honourable Kirsty Duncan Minister of Science and Sport

#### General Fees Information

The tables that follow provide information on each category of fees, including:

- the name of the fee category
- the date that the fee (or fee category) was introduced and last amended (if applicable)
- service standards
- performance results against these standards
- financial information regarding total costs, total revenues and remissions

In addition to the information presented by fee category, there is a summary of the financial information for all fees as well as a listing of fees under the department's authority. This listing includes the existing fee dollar amounts and the adjusted dollar fee amount for a future year.

## General and financial information by fee category

Fees for processing requests filed under the Access to Information Act (ATIP)

Fee category	Fees for processing requests filed under the Access to Information Act (ATIP)
Fee-setting authority	Access to Information Actiii
Year introduced	1983
Year last amended	2016
Service standard	Response provided within 30 days following receipt of request; the response time may be extended pursuant to Section 9 of the <i>Access to Information Act</i> . Notice of extension to be sent within 30 days after receipt of request.
Performance results	NRC received 33 access to information requests and 76 consultations from other government departments. NRC responded within 30 days in 90 of the 109 cases (83%). The remainder were extended due to volume or to consultations with other government departments or other parties.
Other information	Not applicable

<sup>\*</sup> Includes cases where a Notice of Extension is sent to the requester within 30 days of receipt of the request.

#### Financial information (dollars)

2016 to 2017	2017 to 2018	2017 to 2018	2017 to 2018
Revenue	Revenue	Cost*	Remissions <sup>†</sup>
\$175	\$135	\$324,123	Not Applicable

<sup>\*</sup> The amount includes direct and indirect costs, where such costs are identifiable and material.

<sup>&</sup>lt;sup>†</sup> A remission is a partial or full return of a fee paid. Under the Service Fees Act, departments are required to develop policies that determine when fees will be remitted to fee payers should service standards not be met. The requirement for departments to remit is anticipated to come into effect on March 31, 2020. This effective date allows departments

time to develop remissions policies and adjust service standard tracking and remittance systems. During fiscal year 2017 to 2018, some departments may have issued remissions, in accordance with the authority of their enabling legislation or regulation, as opposed to the authority given by the Service Fees Act. It is remissions issued under enabling legislations or regulations that are shown above.

#### Sale of Certified Reference Materials (CRM)

Fee category	Sale of Certified Reference Materials (CRM)
Fee-setting authority	National Research Council Act, paragraph 5 (1)(j)iv
	National Research Council Act, paragraph 5 (1)(I)iv
Year introduced	Organic CRMs: 1980
	Biotoxin CRMs: 1988
Year last amended	Not applicable
Service standard	Orders are processed and shipped within five business days of receiving all the required information from purchaser – temperature sensitive products may require longer processing time due to carrier shipping schedules.
Performance results	711 of 711 orders (100%) of Biotoxin CRMs were shipped within five business days of receiving all required information from the client.
	649 of 678 orders (95.7%) of Inorganic/Organic CRMs were shipped within five business days of receiving all required information from the client.
Other information	None

<sup>\*</sup> Includes cases where a Notice of Extension is sent to the requester within 30 days of receipt of the request.

#### Financial information (dollars)

2016 to 2017	2017 to 2018	2017 to 2018	2017 to 2018	
Revenue	Revenue	Cost*	Remissions <sup>†</sup>	
\$1,919,802	\$2,261,986	\$484,807	Not applicable	

<sup>\*</sup> The amount includes direct and indirect costs, where such costs are identifiable and material.

<sup>&</sup>lt;sup>†</sup> A remission is a partial or full return of a fee paid. Under the Service Fees Act departments are required to develop policies that determine when fees will be remitted to fee payers should service standards not be met. The requirement for departments to remit is anticipated to come into effect on March 31, 2020. This effective date allows departments time to develop remissions policies and adjust service standard tracking and remittance systems. During fiscal year 2017 to 2018, some departments may have issued remissions, in accordance with their authority of their enabling legislation or regulation, as opposed to the authority given by the Service Fees Act. It is remissions issued under enabling legislations or regulations that are shown above

#### Sale of National Code Documents and related documents

Fee category	Sale of National Code Documents and related documents
Fee-setting authority	National Research Council Act, paragraph 5 (1)(j) iv
	National Research Council Act, paragraph 5 (1)(I)iv
Year introduced	1941 (first edition published, \$1.00)
Year last amended	Not applicable
Service standard	Orders processed (shipped) 1-14 days after receipt of all required information
Performance results	98% of a total of 8747 orders were shipped within the target of 14 days.
Other information	None

<sup>\*</sup> Includes cases where a Notice of Extension is sent to the requester within 30 days of receipt of the request.

#### Financial information (dollars)

2016 to 2017	2017 to 2018	2017 to 2018	2017 to 2018
Revenue	Revenue	Cost*	Remissions <sup>†</sup>
\$6,293,507	\$4,800,874	\$7,974,158	

<sup>\*</sup> The amount includes direct and indirect costs, where such costs are identifiable and material.

### Financial totals for all fee categories

Total revenues, cost and remissions (dollars)

2016 to 2017	2017 to 2018		2017 to 2018
Total revenue	Total revenue		Total remissions
\$8,213,484	\$7,062,995	\$8,783,088	Not applicable

Note: the totals are the sums of the revenues, costs and remissions reported for all fee categories in the "Financial information" tables.

<sup>&</sup>lt;sup>†</sup> A remission is a partial or full return of a fee paid. Under the Service Fees Act departments are required to develop policies that determine when fees will be remitted to fee payers should service standards not be met. The requirement for departments to remit is anticipated to come into effect on March 31, 2020. This effective date allows departments time to develop remissions policies and adjust service standard tracking and remittance systems. During fiscal year 2017 to 2018, some departments may have issued remissions, in accordance with their authority of their enabling legislation or regulation, as opposed to the authority given by the Service Fees Act. It is remissions issued under enabling legislations or regulations that are shown above

# Fees under the National Research Council of Canada's authority

Fee amounts for 2017 to 2018, 2019 to 2020, and a future fiscal year, as applicable (dollars)

(dollars)			
Name of fee	2017 to 2018 Fee amount	2019 to 2020 Adjusted fee amount*	Future fee amount and fiscal year <sup>†</sup>
CRM-ASP-Mus-d is a thermally sterilized homogenate of mussel tissue (Mytilus edulis) contaminated with domoic acid (DA) and some of its isomers. Each unit contains two ~4 g bottles of the homogenate. The DA concentration is 49 µg/g. Used in conjunction with CRM-DA-f, this CRM will assure the reliability of your domoic acid analyses.	180.00	183.96	Not Applicable
CRM-DA-g is a certified calibration solution for domoic acid (DA), the toxin responsible for Amnesic Shellfish Poisoning (ASP). Each ampoule contains ~0.5 mL of solution with 332 µM DA in acetonitrile/water (1:19, v/v) at a concentration suitable for calibration of liquid chromatography experiments and for spiking shellfish control samples for recovery experiments.	95.00	97.09	Not Applicable
CRM-AZA1-b is a certified calibration solution for the determination of azaspiracid-1 (AZA1) by chemical analysis methods. Each ampoule contains ~0.5 mL of a 1.54 µmol/L solution of AZA1 in methanol.	185.00	189.07	Not Applicable
CRM-AZA2-b is a certified calibration solution for the determination of azaspiracid-2 (AZA2) by chemical analysis methods. Each ampoule contains ~0.5 mL of solution with 1.43 µmol/L AZA2 in methanol.	220.00	224.84	Not Applicable
CRM-AZA3 is a certified calibration solution for the determination of azaspiracid-3 (AZA3) by chemical analysis methods. Each ampoule contains ~0.5 mL of solution with 1.25 µM AZA3 in methanol.	206.00	210.53	Not Applicable
CRM-AZA3-b is a certified calibration solution for the determination of azaspiracid 3 (AZA3) by chemical analysis methods. Each ampoule contains ~0.5 mL of a 1.43 µmol/L solution of AZA3 in methanol.	220.00	224.84	Not Applicable
RM-AZA123 is a mixed calibration solution for the determination of azaspiracid 1 (AZA1), AZA2 and AZA3 by chemical analysis methods. Each ampoule contains ~0.5 mL of the mixed AZA solution in methanol. Concentrations are 200, 147 and 141 nmol/L for AZA1, AZA2 and AZA3 respectively. The concentrations assigned to RM-AZA123 are not certified, and therefore RM-AZA123 is not intended as a replacement for individual AZA calibration solution certified reference materials.	220.00	224.84	Not Applicable
CRM-AZA-Mus is a certified reference material (CRM) prepared from naturally contaminated mussel tissues (Mytilus edulis) containing azaspiracids. CRM-AZA-Mus is designed to assist the analyst in assessing entire analytical methods used to monitor AZA toxins in shellfish tissues. Each bottle contains ~8 g of mussel homogenate with AZAs at levels appropriate for analytical testing. The certified values for CRM-AZA-Mus are: AZA1 - 1.16 µg/g, AZA2 -	235.00	240.17	Not Applicable

0.273 μg/g and AZA3 - 0.211 μg/g.			
CRM-DSP-Mus-c is a thermally sterilized	195.00	199.29	Not Applicable
homogenate of mussel tissue ( <i>Mytilus edulis</i> ) and a		. 55.25	
small amount of the dinoflagellate Prorocentrum lima.			
CRM-DSP-Mus-c is distributed in polypropylene			
bottles, each containing 4.0 ± 0.75 g of homogenate.			
The toxin levels for okadaic acid, dinophysistoxin-1			
and dinophysistoxin-2 are 1.07 μg/g, 1.07 μg/g and			
0.86 μg/g, respectively. CRM-DSP-Mus-c is also			
certified for domoic acid (DA) at a concentration of			
11.8 μg/g. The CRM is designed to test the accuracy			
of sample preparation procedures and liquid			
chromatography experiments for the analysis of DSP			
toxins and DA.			
CRM-DTX1-b is a certified calibration solution for the	220.00	224.84	Not Applicable
determination of dinophysistoxin-1 (DTX1) by			
chemical analysis methods. Each ampoule contains			
~0.5 mL of a solution of DTX1 in methanol at a			
concentration of 10.4 μmol/L.	000.00	224.24	N A II I.
CRM DTX2-b is a certified calibration solution for the	220.00	224.84	Not Applicable
determination of dinophysistoxin-2 (DTX2) by chemical analysis methods. Each ampoule contains			
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~0.5 mL of a solution DTX2 in methanol at a			
concentration of 4.7 µmol/L.  CRM-FDMT1 is a freeze-dried mussel tissue (Mytilus	1,175.00	1,200.85	Not Applicable
edulis) containing a range of lipophilic marine toxins	1,175.00	1,200.00	Not Applicable
as well as domoic acid. CRM-FDMT1 is distributed in			
amber glass bottles, each containing 3 g of freeze-			
dried powder. It is recommended that the powder is			
reconstituted with water before use. Each bottle of			
CRM-FDMT1 contains enough material for			
approximately eight uses.			
CRM-GYM-b is a certified calibration solution for the	145.00	148.19	Not Applicable
determination of gymnodimine (GYM) by chemical			
analysis methods. Each ampoule contains ~0.5 mL of			
a solution of GYM in methanol at a concentration of			
4.93 μM. GYM is a member of the cyclic imine group			
of toxins.			
CRM-hYTX is a certified calibration solution for the	150.00	153.30	Not Applicable
determination of homo-yessotoxin (hYTX) by			
chemical analysis methods. Each ampoule contains			
~0.5 mL of solution of hYTX in methanol at a			
concentration of 5.0 µM.			
CRM-OA-d is a certified calibration solution for the	150.00	153.30	Not Applicable
determination of okadaic acid (OA) by chemical			
analysis methods. Each ampoule contains ~0.5 mL of			
a solution of OA in methanol at a concentration of			
10.4 µmol/L. Okadaic acid (OA) is one of the principal			
toxins associated with Diarrhetic Shellfish Poisoning			
(DSP).  CRM-PnTX-G is a certified calibration solution for the	160.00	162.52	Not Applicable
determination of pinnatoxin-G (PnTX-G) by chemical	100.00	163.52	Not Applicable
analysis methods. Each ampoule contains ~0.5 mL of			
a 2.77 µmol/L solution of PnTX-G in methanol (with			
0.01% acetic acid).			
CRM-PTX2-b is a certified calibration solution for the	185.00	189.07	Not Applicable
determination of pectenotoxin-2 (PTX2) by chemical	100.00	100.07	140t Applicable
analysis methods. Each ampoule contains ~0.5 mL of			
a solution of PTX2 in methanol at a concentration of			
5.13 µM. PTX2 is a member of the pectenotoxin			
group of polyether toxins.			
CRM-SPX1 is a certified calibration solution for the	150.00	153.30	Not Applicable
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determination of spirolides by chemical analysis			
methods. Each ampoule contains ~0.5 mL of a			
solution of 13-desmethyl spirolide C in methanol at a			
concentration of 10.2 µM. Spirolides are members of			
the spiroimine group of toxins, which includes			
gymnodimine, pinnatoxins and pteriatoxins.			
Spiroimine toxins cause a characteristic rapid death			
in the mouse bioassay and have been called "fast-			
acting toxins".			
CRM-SPX1-b is a certified calibration solution for the	Fee did not exist	158.41	Not Applicable
determination of spirolides by chemical analysis	in 2017-18		, p
methods. Each ampoule contains ~0.5 mL of a			
solution of 13-desmethylspirolide C in methanol with			
0.05% trifluoroacetic acid at a concentration of			
approximately 7 µmol/L.			
CRM-YTX-c is a certified calibration solution for the	150.00	153.30	Not Applicable
determination of yessotoxin (YTX) by chemical	100.00	100.00	110t Applicable
analysis methods. Each ampoule contains ~0.5 mL of			
a solution of YTX in methanol at a concentration of			
4.3 µmol/L.  CRM-C1&2-b is a certified calibration solution	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each	165.00	169.07	Not Applicable
ampoule contains ~0.5 mL solution of C1&2			
dissolved in filtered, aqueous acetic acid (~17 μM,			
pH 5). Concentration is 113.4 μM for C1 and 33.9 μM			
for C2.	405.00	100.07	N A
CRM-dcGTX2&3-c is a certified calibration solution	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains ~0.5 mL solution of a mixture of			
decarbamoylgonyautoxin-2 at a concentration of			
100.1 µM and decarbamoylgonyautoxin-3 at a			
concentration of 29.4 µM in filtered, aqueous 0.5 mM			
hydrochloric acid.			
CRM-dcNEO-d is a certified calibration solution	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains ~0.5 mL solution of			
decarbamoylneosaxitoxin (dcNEO) at a concentration			
of 30.4 µmol/L in 0.5 mM hydrochloric acid.			
CRM-dcSTX-b is a calibration solution CRM	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains 0.5 mL solution of			
decarbamoylsaxitoxin at a concentration of 65 µM in			
0.003 M hydrochloric acid.			
CRM GTX1&4-d is a certified calibration solution	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains ~0.5 mL of a mixed solution of			
gonyautoxin 1 (GTX1) at a concentration of 57.2			
µmol/L and gonyautoxin-4 (GTX4) at a concentration			
of 18.0 µmol/L in 0.5 mM hydrochloric acid.			
CRM-GTX2&3-d is a certified calibration solution	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each	100.00	100.01	Not Applicable
ampoule contains ~0.5 mL solution of gonyautoxin-			
2&3 (GTX2&3) at a concentration of 146.1 µmol/L in			
0.5 mM hydrochloric acid.  CRM-GTX5-c is a certified calibration solution	105.00	100.07	Not Applicable
	185.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains ~0.5 mL solution of gonyautoxin-5			
(GTX5, aka B1) at a concentration of 55.7 µM in			
filtered, aqueous acetic acid (17 μM, pH 5).	107.00	100.00	N
CRM-GTX6 is a certified calibration solution for the	195.00	199.29	Not Applicable

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determination of gonyautoxin-6 (GTX6) by chemical			
analysis methods. Each ampoule contains ~0.5 mL of			
a solution of GTX6 in 17 µM acetic acid (pH 5) at a			
concentration of 12.5 µmol/L. Gonyautoxin-5 (GTX5)			
is also present in this preparation and its			
concentration has been certified. GTX6 is one of the			
toxins associated with Paralytic Shellfish Poisoning			
(PSP).			
CRM-NEO-d is a certified calibration solution	185.00	400.07	Not Applicable
	165.00	189.07	Not Applicable
designed for use in chemical analysis methods. Each			
ampoule contains ~0.5 mL solution of neosaxitoxin			
(NEO) at a concentration of 65.1 µmol/L in 0.5			
mM hydrochloric acid.			
CRM-STX-f is a certified calibration solution for use in	185.00	189.07	Not Applicable
chemical analysis methods. Each ampoule contains			
~0.5 mL of a solution of saxitoxin (STX) dissolved in			
filtered, aqueous 3 mM hydrochloric acid at a			
concentration of 66.3 μM.			
CRM-Zero-Mus is a mussel tissue ( <i>Mytilus edulis</i> )	80.00	81.76	Not Applicable
matrix CRM intended for use as a negative control for	00.00	01.10	110t / Ipplioablo
the analysis of paralytic shellfish toxins (PST),			
domoic acid (DA) and its isomers, okadaic acid (OA)			
and diniphysistoxins (DTX), azaspiracids (AZA),			
yessotoxins (YTX), pentenotoxins (PTX) and			
gymnodimine (GYM). CRM-Zero-Mus is not suitable			
as a negative control for spirolides (SPX) and			
pinnatoxins (PnTX) because these toxins are			
present, albeit at very low levels.			
CRM-ATX is a certified calibration solution for the	130.00	132.86	Not Applicable
determination of anatoxin-a (ATX) by chemical			
analysis methods. Each ampoule contains ~0.5 mL of			
solution with 30 µM ATX dissolved in methanol/water			
(9:91, v/v) with 0.1% acetic acid.			
CRM-CYN is a certified calibration solution for the	125.00	127.75	Not Applicable
determination of cylindrospermopsin (CYN) by	1=0100	1	
chemical analysis methods. Each ampoule contains			
~0.5 mL of solution with 30 μM of cylindrospermopsin			
in filtered, deionized water.			
CRM-dmMCLR is a certified calibration solution for	130.00	132.86	Not Applicable
	130.00	132.00	Not Applicable
the determination of [Dha7]-microcystin-LR. Each			
ampoule contains ~0.5 mL of solution dmMCLR			
dissolved in aqueous methanol (1:1, v/v) at a			
concentration of 9.58 µmol per litre.			
CRM LWTX1 is a certified calibration solution for the	220.00	224.84	Not Applicable
determination of Lyngbya wollei Toxin 1 (LWTX1).			
Each ampoule contains ~0.5 mL of solution LWTX1			
dissolved in aqueous acetic acid (17 µM, pH 5) at a			
concentration of 11 µmol/L.			
CRM-MCLR is a certified calibration solution for the	95.00	97.09	Not Applicable
determination of microcystin-LR. Each ampoule			
contains ~0.5 mL of solution MCLR dissolved in			
aqueous methanol (1:1 v/v) at a concentration of			
10.2 µmol per litre.			
CRM-MCRR is a certified calibration solution for the	95.00	97.09	Not Applicable
determination of microcystin-RR. Each ampoule	55.55	37.00	1401 / Abhilognic
contains ~0.5 mL of solution MCRR dissolved in			
aqueous methanol (1:1 v/v) at a concentration of			
9.91 µmol per litre.	05.00	07.00	NI-4 A
CRM-NODR is a certified calibration solution for the	95.00	97.09	Not Applicable
determination of nodularin-R. Each ampoule contains			

litre.			
MYCO-1 is a certified reference material prepared	675.00	689.85	Not Applicable
from flour containing mycotoxins. Each bottle	0.000	000.00	1 tot / tppilodbio
contains ~100 g of rye flour certified for ochratoxin A			
at a concentration of 4.05 µg/kg. The CRM is			
intended for use in method development, validation,			
and quality control for the analysis of mycotoxins in			
flour.			
OTAL-1 is a certified calibration solution designed for	500.00	511.00	Not Applicable
use in chemical analysis methods. Each ampoule			
contains ~1 mL of a solution of [13C6]-ochratoxin A			
at a concentration of 4.89 µg/g in acetonitrile with			
0.1 % formic acid.			
OTAN-1 is a certified calibration solution designed for	250.00	255.50	Not Applicable
use in chemical analysis methods. Each ampoule			''
contains ~1 mL of a solution of ochratoxin A at a			
concentration of 11.03 µg/g in acetonitrile with 0.1 %			
formic acid.			
Dogfish liver certified reference material for trace	440.00	449.68	Not Applicable
metals and other constituents.	740.00	00.5 <del>PT</del>	Not Applicable
	440.00	440.00	Nat Americania
Fish protein certified reference material for trace	440.00	449.68	Not Applicable
metals.	200.05	225.25	<b>N</b>
Non defatted lobster hepatopancreas certified	230.00	235.06	Not Applicable
reference material for trace metals.			
River prawn certified reference material for trace	385.00	393.47	Not Applicable
metals and arsenobetaine			
Cuttlefish certified reference material for trace metals,	385.00	393.47	Not Applicable
arsenobetaine, and methymercury			''
Lobster hepatopancreas marine certified reference	440.00	449.68	Not Applicable
material for trace metals.	110.00	110.00	110t/tppiloabio
Certified Reference Material of natural arsenobetaine	1,100.00	1,124.20	Not Applicable
bromide.	1,100.00	1,124.20	Not Applicable
Certified Reference Material of carbon-13 labelled	2 000 00	2,044.00	Not Applicable
	2,000.00	2,044.00	Not Applicable
arsenobetaine bromide. (BBET-1)	0.000.00	0.044.00	N A. II. I.I.
Certified Reference Material of carbon-13 labelled	2,000.00	2,044.00	Not Applicable
arsenobetaine bromide. (CBET-1)			
Enriched methylmercury isotopic certified reference	380.00	388.36	Not Applicable
material			
Isotopic Certified Reference Material of natural	500.00	511.00	Not Applicable
iridium			
Natural abundance inorganic mercury isotopic.	340.00	347.48	Not Applicable
Isotopic Certified Reference Material of natural	Fee did not exist	511.00	Not Applicable
osmium	in 2017-18	011.00	140t Applicable
		398.58	Not Applicable
Drinking water Certified Reference Material for trace	390.00	398.58	Not Applicable
metals and other constituents.			
Nearshore seawater certified reference material for	380.00	388.36	Not Applicable
trace metals and other constituents.			
Seawater certified reference material for nutrients.	275.00	281.05	Not Applicable
Seawater certified reference material for trace metals	380.00	388.36	Not Applicable
and other constituents.			1
Elevated mercury in river water certified reference	250.00	255.50	Not Applicable
material.			
Estuarine water certified reference material for trace	350.00	357.70	Not Applicable
	550.00	551.10	1401 Applicable
metals.	255.00	262.04	Not Applicable
River water certified reference material for trace	355.00	362.81	Not Applicable
metals.			
Cellulose Nanocrystal Powder Certified Reference	540.00	551.88	Not Applicable
Material (CNC-1)			
Cellulose Nanocrystal Powder Certified Reference	260.00	265.72	Not Applicable

Material (CNCD-1)			
Cellulose Nanocrystal Suspension Certified Reference Material	540.00	551.88	Not Applicable
Single-wall carbon nanotube certified reference material	1,080.00	1,103.76	Not Applicable
Marine sediment certified reference material for trace elements and other constituents. (HISS-1)	220.00	224.84	Not Applicable
Marine sediment certified reference material for trace elements and other constituents. (MESS-4)	340.00	347.48	Not Applicable
Marine sediment certified reference material for trace metals and other constituents.	355.00	362.81	Not Applicable
Marine sediment certified reference material for butyltins.	170.00	173.74	Not Applicable
Bovine Muscle Certified Reference Material	435.00	444.57	Not Applicable
Corn Bran Reference Material	350.00	357.70	Not Applicable
Calcium carbonate certified for the determination of Pb and Cd.	180.00	183.96	Not Applicable
Corn Starch Reference Material	85.00	86.87	Not Applicable
Durum Wheat Flour Reference Material	350.00	357.70	Not Applicable
Egg Powder Reference Material	380.00	388.36	Not Applicable
Otolith certified reference material for trace elements.	255.00	260.61	Not Applicable
Wheat Gluten Reference Material	325.00	332.15	Not Applicable
Potato Starch Reference Material	325.00	332.15	Not Applicable
	305.00	311.71	Not Applicable
Hard Red Spring Wheat Flour Reference Material Selenium enriched yeast.	355.00	362.81	Not Applicable
Soft Winter Wheat Flour Reference Material	350.00	357.70	Not Applicable
Low-level multivitamin	Fee did not exist		
Low-level multivitamin	in 2017-18	838.04	Not Applicable
High-level multivitamin	Fee did not exist in 2017-18	838.04	Not Applicable
Certified Reference Material of L-leucine	205.00	209.51	Not Applicable
Certified Reference Material of L-methionine	205.00	209.51	Not Applicable
Certified Reference Material of L-phenylalanine	Fee did not exist in 2017-18	209.51	Not Applicable
Certified Reference Material of L-proline	205.00	209.51	Not Applicable
Certified Reference Material of veterinary drug residues in bovine muscle	720.00	735.84	Not Applicable
Ground Whole Carp Reference Material for Organochlorine Compounds (6x9 g)	650.00	664.30	Not Applicable
Certified Reference Material of Carbon-13 Labelled Bisphenol A	615.00	628.53	Not Applicable
Certified Reference Material of Bisphenol A	Fee did not exist in 2017-18	204.40	Not Applicable
MYCO-1 is a certified reference material prepared from flour containing mycotoxins. Each bottle contains ~100 g of rye flour certified for ochratoxin A at a concentration of 4.05 μg/kg. The CRM is intended for use in method development, validation, and quality control for the analysis of mycotoxins in flour.	675.00	689.85	Not Applicable
OTAL-1 is a certified calibration solution designed for use in chemical analysis methods. Each ampoule contains ~1 mL of a solution of [13C6]-ochratoxin A at a concentration of 4.89 µg/g in acetonitrile with 0.1 % formic acid.	500.00	511.00	Not Applicable
OTAN-1 is a certified calibration solution designed for use in chemical analysis methods. Each ampoule contains ~1 mL of a solution of ochratoxin A at a concentration of 11.03 $\mu$ g/g in acetonitrile with 0.1 % formic acid.	250.00	255.50	Not Applicable

Certified Reference Material of Berberine Chloride	105.00	107.31	Not Applicable
Certified Reference Material of Canadine	410.00	419.02	Not Applicable
North American ginseng root extract Certified	260.00	265.72	Not Applicable
Reference Material			
Ginseng Root Reference Material.	410.00	419.02	Not Applicable
Certified Reference Material of Hydrastine	155.00	158.41	Not Applicable
Multi-Component Ginsenoside Calibration Solution.	515.00	526.33	Not Applicable
National Building Code of Canada 2015 - Binder	350.00	357.70 (1)	Not Applicable
National Building Code of Canada 2015 - Soft Cover	335.00	342.37 (1)	Not Applicable
Codes Canada 2015 - 3 Code Package Deal (NBC, NFC, NPC) – Binder	615.00	628.53 (1)	Not Applicable
Codes Canada 2015 - 3 Code Package Deal (NBC, NFC, NPC) - Soft Cover	590.00	602.98 (1)	Not Applicable
Codes Canada 2015 - 4-Code Package Deal (NBC, NFC, NPC, NECB) – Binder	825.00	843.15 (1)	Not Applicable
Codes Canada 2015 - 4-Code Package Deal (NBC, NFC, NPC, NECB) - Soft Cover	785.00	802.27 (1)	Not Applicable
National Building Code of Canada 2015 - PDF	350.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 3 Code Package Deal (NBC, NFC, NPC) – PDF	615.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 4-Code Package Deal (NBC, NFC, NPC, NECB) – PDF	825.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / single user 1 year	140.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / concurrent users 1 year	150.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / single user 2 months	45.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 3 Code Package Deal (NBC, NFC, NPC) - On-Line / single user 2 months	80.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 4-Code Package Deal (NBC, NFC, NPC, NECB) - On-Line / single user 2 months	110.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / concurrent users 2 months	50.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 3 Code Package Deal (NBC, NFC, NPC) - On-Line / concurrent users 2 months	90.00	Free as of April 1st 2019	Not Applicable
Codes Canada 2015 - 4-Code Package Deal (NBC, NFC, NPC, NECB) - On-Line / concurrent users 2 months	125.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / single user 4 months	70.00	Free as of April 1st 2019	Not Applicable
National Building Code of Canada 2015 - On-Line / concurrents user 4 months	75.00	Free as of April 1st 2019	Not Applicable
National Plumbing Code of Canada 2015 - Binder	195.00	199.29 (1)	Not Applicable
National Plumbing Code of Canada 2015 - Soft	185.00	189.07 (1)	Not Applicable
Cover National Plumbing Code of Canada 2015 - PDF	195.00	Free as of April 1st 2019	Not Applicable
National Plumbing Code of Canada 2015 - On-Line / single user 1 year	80.00	Free as of April 1st 2019	Not Applicable
National Plumbing Code of Canada 2015 - On-Line /	90.00	Free as of April 1st 2019	Not Applicable
Concurrent users 1 year  National Plumbing Code of Canada 2015 - On-Line / single user 2 months	25.00	Free as of April 1st 2019	Not Applicable
National Plumbing Code of Canada 2015 - On-Line / concurrent users 2 months	30.00	Free as of April 1st 2019	Not Applicable
National Plumbing Code of Canada 2015 - On-Line / single user 4 months	40.00	Free as of April 1st 2019	Not Applicable
Single user 4 months	I	2013	

45.00 225.00 215.00 225.00	Free as of April 1st 2019 229.95 (1) 219.73 (1) Free as of April 1st	Not Applicable  Not Applicable  Not Applicable
215.00 225.00	229.95 (1) 219.73 (1)	
215.00 225.00	219.73 (1)	
225.00		INULAPPIICADIE
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	2019	
90.00	Free as of April 1st 2019	Not Applicable
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30.00	Free as of April 1st 2019	Not Applicable
35.00	Free as of April 1st 2019	Not Applicable
45.00	Free as of April 1st 2019	Not Applicable
50.00	Free as of April 1st	Not Applicable
260.00	265.72 (1)	Not Applicable
245.00	250.39 (1)	Not Applicable
260.00	265.72 (1)	Not Applicable
245.00	250.39 (1)	Not Applicable
	2019	Not Applicable
105.00		Not Applicable
115.00	Free as of April 1st	Not Applicable
35.00	Free as of April 1st	Not Applicable
40.00	Free as of April 1st	Not Applicable
55.00	Free as of April 1st	Not Applicable
60.00	Free as of April 1st	Not Applicable
155.00	158.41 (1)	Not Applicable
155.00	Free co of A = :1.4 = 4	Not Applicable
	2019	Not Applicable
60.00	Free as of April 1st 2019	Not Applicable
65.00	Free as of April 1st 2019	Not Applicable
20.00	Free as of April 1st	Not Applicable
25.00	Free as of April 1st 2019	Not Applicable
30.00	Free as of April 1st	Not Applicable
35.00	Free as of April 1st 2019	Not Applicable
390.00	398.58 (1)	Not Applicable
	35.00 45.00 50.00 260.00 245.00 260.00 245.00 105.00 115.00 35.00 40.00 155.00 60.00 155.00 60.00 25.00 30.00 35.00	2019   30.00   Free as of April 1st 2019   45.00   Free as of April 1st 2019   50.00   Free as of April 1st 2019   260.00   265.72 (1)   245.00   250.39 (1)   260.00   265.72 (1)   245.00   250.39 (1)   260.00   Free as of April 1st 2019   105.00   Free as of April 1st 2019   150.00   Free as of April 1st 2019   35.00   Free as of April 1st 2019   55.00   Free as of April 1st 2019   60.00   Free as of April 1st 2019   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00   65.00

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Division B - Package Deal - Soft Cover Illustrated User's Guide - NBC 2015: Part 9 of	240.00	Free as of April 1st	Not Applicable
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	30.00	2019	Not Applicable
Division B, Housing and Small Buildings - On-Line / single user 2 months		2019	
Illustrated User's Guide - NBC 2015: Part 9 of	35.00	Free as of April 1st	Not Applicable
	35.00	Free as of April 1st	Not Applicable
Division B, Housing and Small Buildings - On-Line /		2019	
concurrent users 2 months  Illustrated User's Guide - NBC 2015: Part 9 of	45.00	France of April 4at	Not Applicable
	45.00	Free as of April 1st	Not Applicable
Division B, Housing and Small Buildings - On-Line /		2019	
single user 4 months  Illustrated User's Guide - NBC 2015: Part 9 of	50.00	France of April 4at	Not Applicable
	50.00	Free as of April 1st	Not Applicable
Division B, Housing and Small Buildings - On-Line /		2019	
concurrent users 4 months	05.00	F (A 114)	N
Illustrated User's Guide - NBC 2015: Part 9 of	85.00	Free as of April 1st	Not Applicable
Division B, Housing and Small Buildings - On-Line /		2019	
single user 1 year	05.00		N A P I. I.
Illustrated User's Guide - NBC 2015: Part 9 of	95.00	Free as of April 1st	Not Applicable
Division B, Housing and Small Buildings - On-Line /		2019	
concurrent users 1 year	405.00	444.57 (4)	N A
National Building Codes Illustrated User's Guide -	435.00	444.57 (1)	Not Applicable
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National Building Code of Canada 2010 - Binder	295.00	301.49 (1)	Not Applicable
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PDF		2019	
National Building Code of Canada 2010 - On-line/ 10	54.00	Free as of April 1st	Not Applicable
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National Fire Code of Canada 2010 - Binder	190.00	194.18 (1)	Not Applicable
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National Fire Code of Canada 2010 - PDF	190.00	Free as of April 1st	Not Applicable
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National Plumbing Code of Canada 2010 - Binder	165.00	168.63 (1)	Not Applicable
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Binder			
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National Energy Code of Canada for Buildings 2011 -	40.00	Free as of April 1st	Not Applicable
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User's Guide - NBC 2010 Structural Commentaries	130.00	132.86 (1)	Not Applicable
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User's Guide - NBC 2010 Structural Commentaries	60.00	Free as of April 1st	Not Applicable
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User's Guide - National Energy of Canada for	20.00	Free as of April 1st	Not Applicable
Buildings 2011 - On-line/ 10 day Subscription (Single		2019	
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User's Guide - National Energy of Canada for	70.00	Free as of April 1st	Not Applicable
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1997 - Binder			
Historical Editions of National Construction Codes -	60.00	Free as of April 1st	Not Applicable
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Alberta Building Code 2014 - Binder	340.00	347.48 (1)	Not Applicable
Alberta Building Code 2014 - PDF	340.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2014 - On-line 10 days	60.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2014 - On-line/ single user 1 year	210.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2014 - On-line / single user 5 year	675.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2014 - On-Line / concurrent users 1 year	220.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2014 - On-line / concurrent users 5 year	690.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - Binder	220.00	224.84 (1)	Not Applicable
Alberta Fire Code 2014 - PDF	220.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - On-line 10 days	40.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - On-line/ single user 1 year	145.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - On-line / single user 5 year	460.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - On-Line / concurrent users 1 year	155.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2014 - On-line / concurrent users 5 year	470.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - Binder	340.00	347.48 (1)	Not Applicable
Quebec Construction Code 2010 - PDF	340.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - On-line 10 days	60.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - On-line/ single user 1 year	210.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - On-line / single user 5 year	675.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - On-Line / concurrent users 1 year	220.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2010 - On-line / concurrent users 5 year	690.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - Binder	185.00	189.07 (1)	Not Applicable
Quebec Plumbing Code - PDF	185.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - On-line 10 days	30.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - On-line/ single user 1 year	100.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - On-line / single user 5 year	320.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - On-Line / concurrent users 1 year	110.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code - On-line / concurrent users 5 year	330.00	Free as of April 1st 2019	Not Applicable
Quebec Safety Code 2010 - Binder	210.00	214.62 (1)	Not Applicable
Quebec Safety Code 2010 - PDF	210.00	Free as of April 1st 2019	Not Applicable
Quebec Safety Code 2010 - On-line 10 days	40.00	Free as of April 1st	Not Applicable

	1	2010	
Quebec Safety Code 2010 - On-line/ single user 1 year	140.00	2019 Free as of April 1st 2019	Not Applicable
Quebec Safety Code 2010 - On-line / single user 5 year	440.00	Free as of April 1st 2019	Not Applicable
Quebec Safety Code 2010 - On-Line / concurrent users 1 year	150.00	Free as of April 1st 2019	Not Applicable
Quebec Safety Code 2010 - On-line / concurrent users 5 year	450.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2006 - Binder	209.00	213.60 (1)	Not Applicable
Alberta Building Code 2006 - PDF	240.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2006 - On-line 10 days	24.00	Free as of April 1st 2019	Not Applicable
Alberta Building Code 2006 - On-line/ single user 1 year	85.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2006 - Binder	145.00	148.19 (1)	Not Applicable
Alberta Fire Code 2006 - PDF	170.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2006 - On-line 10 days	17.00	Free as of April 1st 2019	Not Applicable
Alberta Fire Code 2006 - On-line/ single user 1 year	60.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code 2005 - Binder	144.00	147.17 (1)	Not Applicable
Quebec Plumbing Code 2005 - PDF	144.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code 2005 - On-line 10 days	15.00	Free as of April 1st 2019	Not Applicable
Quebec Plumbing Code 2005 - On-line/ single user 1 year	50.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2005 - PDF	250.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2005 - On-line 10 days	25.00	Free as of April 1st 2019	Not Applicable
Quebec Construction Code 2005 - On-line/ single user 1 year	89.00	Free as of April 1st 2019	Not Applicable
2015 Code Seminar Handbook - Soft Cover	40.00	40.88 (1)	Not Applicable
2015 Code Seminar Handbook - PDF	40.00	Free as of April 1st 2019	Not Applicable
Collection of Codes Canada Video Presentations 1- 13 (NBC, NFC, NPC, NECB 2015) - Video	250.00	255.50 (1)	Not Applicable
Hazardous Materials and Activities - National Fire Code 2015 - Codes Canada Video Presentation 1	25.00	25.55 (1)	Not Applicable
Energy - Nationa Energy Code for Buildings 2015 - Codes Canada Video Presentation 2	25.00	25.55 (1)	Not Applicable
Accessibility - National Building Code 2015 Part 3 - Codes Canada Video Presentation 3	25.00	25.55 (1)	Not Applicable
Means of Egress - National Buillding Code 2015 Part 3 - Codes Canada Video Presentation 4	25.00	25.55 (1)	Not Applicable
Stairs, Guards and Handrails - National Building Code 2015 - Part 3 and Part 9 - Codes Canada Video Presentation 5	25.00	25.55 (1)	Not Applicable
Seismic Design - National Building Code 2015 Part 4 - Codes Canada Video Presentation 6	25.00	25.55 (1)	Not Applicable
Structural Design - National Building Code 2015 Part 4 - Codes Canada Video Presentation 7	25.00	25.55 (1)	Not Applicable
Wind Uplift Resitance and Other Fenestrations - National Building Code 2015 Part 5 - Codes Canada Video Presentation 8	25.00	25.55 (1)	Not Applicable
Exterior Insulation and Finishing System, Airborne Sound Transmission and Roofing - National Building	25.00	25.55 (1)	Not Applicable

Code 2015 Part 5 and Part 9 - Codes Canada Video Presentation 9			
Heating, Ventilation, Air Conditioning and Plumbing - National Building Code 2015 Part 6 and National Plumbing Code 2015 - Codes Canada Video Presentation 10	25.00	25.55 (1)	Not Applicable
Building Envelope and Structure - National Building Code 2015 Part 9 - Codes Canada Video Presentation 11	25.00	25.55 (1)	Not Applicable
Fire Protection - National Building Code 2015 Part 3 and Appendix D - Codes Canada Video Presentation 12	25.00	25.55 (1)	Not Applicable
Mid-rise Combustible Construction - National Building Code 2015, National Fire Code 2015 - Codes Canada Video Presentation 13	25.00	25.55 (1)	Not Applicable
Technical Publications - Air Barrier Systems for Walls of Low-rise Buildings: Performance and Assessment - Soft Cover	30.00	30.66 (1)	Not Applicable
Technical Publications - Deterioration of Concrete : Symptoms, Causes and Investigation - Soft Cover	30.00	30.66 (1)	Not Applicable
Technical Publications - A Guide for the Wind Design of Mechanically Attached Flexible Membrae Roofs - Soft Cover	50.00	51.10 (1)	Not Applicable
Technical Publications - Building Science for a Cold Climate - Soft Cover	50.00	51.10 (1)	Not Applicable

<sup>\*</sup> Fees are adjusted annually in one of two ways: (1) Under the Service Fees Act, fees are adjusted in each fiscal year by the percentage change over 12 months in the April All-Items Consumer Price Index for Canada, as published by Statistics Canada for the previous fiscal year. The Consumer Price Index rate for this report is 2.2%. (2) The fee is subject to a periodic adjustment at a predetermined rate, in accordance with another authority in legislation or regulation.

<sup>†</sup> The "Future fee amount and fiscal year" is the new amount of the fee, in a future fiscal year other than 2019 to 2020, adjusted by a predetermined rate, in accordance with the authority in legislation or regulation.

<sup>(1)</sup> Fee is currently under revision and will be reduced as a result of the free access to electronic copies.

## **Endnotes**

- Service Fees Act, https://laws-lois.justice.gc.ca/eng/acts/S-8.4/index.html i.
- ii.
- User Fees Act, https://laws-lois.justice.gc.ca/eng/acts/U-3.7/20040331/P1TT3xt3.html
  Access To Information Act, https://laws-lois.justice.gc.ca/eng/acts/Aiii.
- National Research Council Act, https://laws-lois.justice.gc.ca/eng/acts/N-15/FullText.html iv.