

## INCLUDING BOARDS AND COMMISSIONS

## **BRITISH COLUMBIA**

## STATEMENT OF FINANCIAL INFORMATION

DECEMBER 31, 2019

- FINANCIAL STATEMENTS
- SCHEDULE OF DEBTS
- SCHEDULE OF GUARANTEE AND INDEMNITY AGREEMENTS
- SCHEDULE OF REMUNERATION AND EXPENSES
- SCHEDULE OF SUPPLIERS FOR GOODS AND SERVICES

Published pursuant to the Financial Information Regulations under the Financial Information Act of British Columbia

### STATEMENT OF FINANCIAL INFORMATION APPROVAL

The undersigned, as authorized by the Financial Information Regulation, Schedule 1, subsection 9(2), approves all the statements and schedules included in this Statement of Financial Information, produced under the *Financial Information* Act.

Julia Aspinall Director of Financial Services Deputy Director of Finance February 28, 2020

## DIRECTOR OF FINANCE REPORT

The Financial Statements contained in this Statement of Financial Information under the Financial Information Act have been prepared by management in accordance with Canadian generally accepted accounting principles, and the integrity and objectivity of these statements are management's responsibility. Management is also responsible for all the statements and schedules, and for ensuring that this information is consistent, where appropriate, with the information contained in the financial statements.

Management is responsible for implementing and maintaining a system of internal controls to provide reasonable assurance that reliable financial information is produced.

The City's Internal Audit Division has the responsibility for assessing the internal control environment of the City and making observations and recommendations on the effectiveness of management systems and processes. The Internal Audit Division reports to the Internal Audit Management Team.

The External Auditors, KPMG LLP, conduct an independent examination, in accordance with Canadian generally accepted auditing standards, and express their opinion on the financial statements. Their examination does not relate to the other schedules and statements required by the Act. Their examination includes a review and evaluation of the City's system of internal control and appropriate tests and procedures to provide reasonable assurance that the financial statements are presented fairly. The External Auditors present their audit findings to the City's Finance and Services Committee.

On behalf of the City of Vancouver,

Julia Aspinall Director of Financial Services Deputy Director of Finance February 28, 2020

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**BRITISH COLUMBIA** 

# CONSOLIDATED FINANCIAL STATEMENTS

2019

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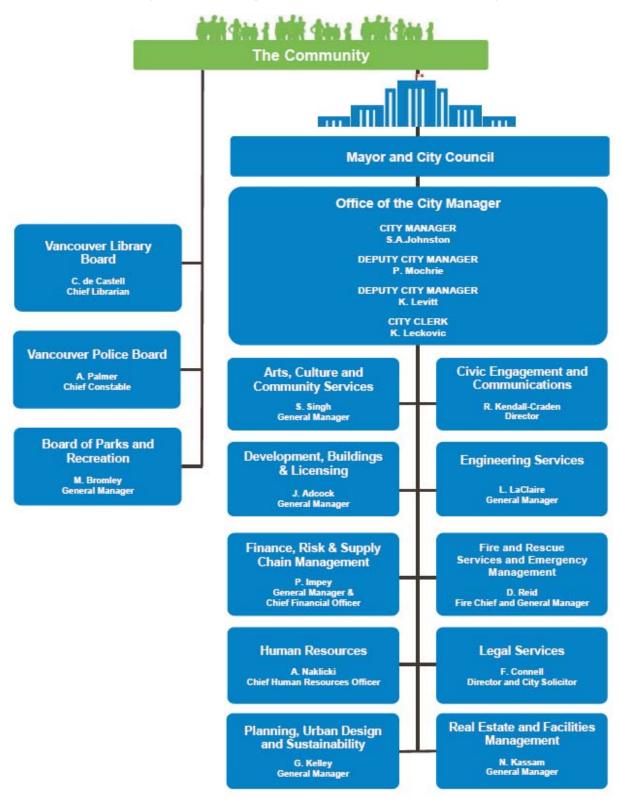
## Vancouver City Council 2018 – 2022

City Council is made up of the Mayor and ten councillors who are elected at large for a four-year term.



	Councillor Christine Boyle	Councillor Colleen Hardwick	Councillor Pete Fry	Councillor Adriane Carr	Mayor Kennedy Stewart	Councillor Melissa De Genova	Councillor Jean Swanson	Councillor Michael Wiebe	Councillor Lisa Dominato	Councillor Sarah Kirby-Yung	
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#### **CITY OF VANCOUVER ORGANIZATIONAL CHART**



The City of Vancouver's organizational structure supports the community.

#### February 28, 2020

#### Mayor K. Stewart and Members of Council

It is our pleasure to submit the Consolidated Financial Statements for the City of Vancouver for the year ended December 31, 2019. These financial statements include the financial position and results of operations of the City including its Boards and City controlled corporations. The preparation of the Consolidated Financial Statements is the responsibility of management and they have been prepared in accordance with Canadian Generally Accepted Accounting Principles as prescribed by the Public Sector Accounting Board (PSAB) of the Chartered Professional Accountants of Canada.

To assist in meeting its responsibility, management maintains accounting, budget and other internal controls to provide reasonable assurance that transactions are appropriately authorized and accurately recorded, and that assets are properly accounted for and safeguarded.

The City's financial statements consist of:

- Consolidated Statement of Financial Position summary of financial and non-financial assets, liabilities and accumulated surplus at year end.
- Consolidated Statement of Operations summary of revenues, expenses and annual surplus for the year.
- Consolidated Statement of Change in Net Financial Assets summary of changes in financial assets and liabilities.
- Consolidated Statement of Cash Flows summary of the sources and uses of cash in the year.

The Consolidated Financial Statements have been audited by the independent firm of KPMG LLP and their report precedes the financial statements.

#### **Consolidated Financial Position**

(\$Millions)	 2019	 2018	(	Change
Financial assets	\$ 2,915.3	\$ 2,670.0	\$	245.3
Liabilities	2,265.5	2,173.1		92.4
Net financial assets	 649.8	 496.9		152.9
Non-financial assets	7,259.1	7,111.2		147.9
Accumulated Surplus	\$ 7,908.9	\$ 7,608.1	\$	300.8

The City's overall financial position improved by \$300.8 million in 2019 with accumulated surplus totaling \$7.9 billion (2018 - \$7.6 billion). Accumulated surplus is comprised of investment in tangible capital assets of \$6.2 billion (2018 - \$6.0 billion), reserve balances set aside for specific purposes less obligations to be funded from future revenues of \$1.6 billion (2018 - \$1.5 billion) and fund balance of \$147.6 million (2018 - \$109.3 million).

The City's net financial position, calculated as financial assets less liabilities can result in either a net financial asset or a net financial liability. A net financial asset position is an indicator of the funds available for future expenditures and a net financial liability position is an indicator of future revenues required to pay for past transactions and events. The City's net financial position improved by \$152.9 million resulting in a net financial asset position of \$649.8 million due to the City's annual consolidated surplus (revenues exceeding expenses) of \$300.8 million less changes non-financial assets of \$147.9 million.

The City's non-financial assets increased in 2019 by \$147.9 million, bringing the total to \$7.3 billion. The increase is the net result of capital additions of physical assets in the year offset by disposals and amortization expense.

#### **REPORT OF THE DIRECTOR OF FINANCE**

#### **Consolidated Results of Operations**

(\$ Millions)	2019 Budget		_	2019		2018
Revenues	\$	1,843.8		\$ 1,966.9	\$	1,978.9
Expenses		1,730.3	_	1,666.1		1,587.2
Annual surplus	\$	113.5	_	\$ 300.8	\$	391.7

#### Year over Year Change

Consolidated revenues of \$2.0 billion decreased by \$12.0 million over 2018 mainly due to:

- a decrease of \$124.1 million in developer contributions, offset by:
- an increase of \$40.1 million in property taxes
- an increase of \$22.3 million in utility fees
- an increase of \$19.7 million in cost recoveries, grants, and donations
- and a remaining net increase of \$30.0 million in investments income, rental, lease and other.

Consolidated expenses of \$1.7 billion increased by \$78.9 million over 2018 mainly due to:

- an increase of \$59.5 million in contractual wage and other fringe costs and includes \$15 million for Employer Health Tax, to be partially offset by discontinuance of MSP in 2020 and years onwards
- an increase of \$20.4 million in utility services due to landfill closure activity and higher Metro sewer and water rates and higher consumption volumes
- offset by a net decrease of \$1.0 million in other expenses.

The City's consolidated revenues exceeded expenses resulting in an annual surplus of \$300.8 million (2018 - \$391.7 million).

#### **Budget Variance**

As disclosed in Note 14 to the consolidated financial statements, funding based budgets for all the City's funds and controlled entities were adjusted for capital expenditures and amortization to align to the PSAB standard for financial reporting. The results relative to the adjusted PSAB budget are:

Consolidated revenues of \$2.0 billion were greater than budgeted revenues by \$123.1 million primarily due to:

- \$39.4 million higher for vacancy tax which was not budgeted
- \$74.0 million higher than budgeted for cost recoveries, grants and donations due to \$25.5 million from Metro Vancouver for landfill closure and non-closure costs, \$11.0 million of Provincial childcare capital facility funding, \$10.7 million of utility connection fees and \$20.3 million in operating cost recoveries including \$7.1 million from police special event services and Vancouver Police Foundation grant.
- \$21.3 million higher than budgeted investment income due to higher rates and cash balances
- offset by \$38.0 million lower than budgeted developer contributions for affordable housing.

Consolidated expenses of \$1.7 billion were \$64.1 million lower than budget expenses primarily due to:

- \$65.3 million lower than budgeted community and cultural services due to \$36.5 million in capital grants and community planning activity and \$28.5 million in affordable housing
- \$35.9 million lower than budgeted for general government due to \$11.0 million transferred to reserve for future capital and workspace costs deferred to 2020, \$8.9 million of favourable settlements related to outstanding claims and \$6.6 million of costs budgeted in general government with expenditure in other categories
- offset by a net increase over budget of \$25.9 million in utilities due to \$16.0 million in landfill closure costs and \$9.9 million in other utility capital maintenance
- \$8.2 million increase over budget for police protection.

In total the City's annual consolidated surplus of \$300.8 million exceeded the budgeted annual surplus of \$113.5 million by \$187.3 million. The annual consolidated surplus was utilized for transfers to sinking fund and other reserves and capital asset expenditures.

#### **Tangible Capital Assets**

Consolidated capital additions totalled \$348.4 million in 2019 and are comprised of the following:

(\$Millions)	2019
Land and improvements	\$61.7
Buildings and leasehold improvements	70.4
Vehicles and other equipment	34.8
Computer systems	24.9
Infrastructure	
Streets and structures	66.1
Water system	30.1
Sewer system	45.7
Assets under construction	14.7
	\$348.4

Land additions primarily include \$15.2 million for park expansion, \$3.4 million for social housing, and developer contributions of \$31.1 million for roads. Vehicle and other equipment purchases were primarily engineering heavy equipment and police light vehicles. Building additions primarily include \$21.5 million for Fire Hall #5, child care facilities of \$10.7 million, and artist studios of \$7.2 million.

#### Debt

In October 2019, the City issued an additional \$100.0 million from its 2012 sinking fund 3.70% debenture due in 2052 resulting in a \$24.1 million premium and an effective rate of 2.60%. During the year, the City repaid \$126.4 million of debt resulting in a total outstanding debt of \$1,081.1 million including \$23.6 million in unamortized debt premium. At the end of 2019, the City has sinking fund debt reserves of \$476.4 million for future repayments.

(\$Millions)	 2019	 2018	Ch	nange
Long term debt	\$ 1,081.1	\$ 1,083.2	\$	(2.1)
Less: Sinking fund reserves	 (476.4)	 (494.2)		17.8
Net long term debt	\$ 604.7	\$ 589.0	\$	15.7

As part of the 2019-2022 Capital Plan, the City had approved borrowing of up to \$495.0 million; \$300.0 million for the maintenance and replacement of existing and construction of new streets, parks and facilities infrastructure and \$195.0 million for sewer and neighborhood energy capital expenditures. The overall outstanding borrowing authority at the end of 2019 was \$170.5 million.

#### Reserves

Under legislative or Council authority, the City has established a number of specific purpose reserves in addition to the sinking fund debt repayment reserve. At the end of 2019, these specific purpose reserves totalled \$1,284.6 million, up by a net amount \$107.1 million over 2018.

The City reserves are grouped into five main categories reflecting the purpose of the reserve, and highlights of the major changes in the year are as follows:

<u>Financial Stabilization</u> – provides for mitigation of risks to the City's financial stability and a buffer for impacts of unplanned events, unforeseen emergencies and short term relief from revenue fluctuations.

- The General Revenue Stabilization Reserve provides for operating contingency funds for events such as inclement weather, catastrophic events, environmental hazards, extraordinary public safety situations, economic downturns and unforeseen changes in revenues. The balance of the reserve is \$146.3 million.
- The Solid Waste Capital Reserve is being accumulated to fund closure and post-closure costs at the City's landfill. The present liability is calculated based on the ratio of utilization to the total capacity of the landfill site and the discounted value of future estimated cash flows associated with closure and post-closure activities. At year end, the liability amounted to \$63.0 million, with the remaining capacity of 4.8 million tonnes (18.5% of total capacity) to be utilized by 2036. During the year the reserve increased by \$5.8 million to \$70.7 million as a result of operating surplus, interest revenue and recoveries from Metro Vancouver of \$24.2 million offset by expenditures of \$18.4 million.

Asset Management - provides for renewal, replacement and major maintenance of tangible capital assets.

 The Plant and Equipment Reserves which fund the long term equipment replacement plan decreased by \$3.8 million to \$50.2 million. The reserves are primarily funded by internal equipment charges provided in the Operating and Capital Budgets and proceeds from equipment disposals in 2019 which amounted to \$23.8 million. Expenditures in 2019 were \$27.6 million of which \$18.9 million related to purchase of fleet and equipment and \$1.8 million related to the replacement of fleet management software, and \$6 million related to funding of the North East False Creek project.

Future Capital – provides for new capital asset additions to address City growth.

- Community Amenity contributions from developers and interest totaled \$60.9 million (2018 \$102.7 million). Transfers and expenditures of \$40.6 million (2018 - \$29.8 million) for capital projects brought the year end Community Amenities Reserve balance to \$435.6 million. The Affordable Housing Reserve increased by a net amount of \$39.1 million to \$162.9 million.
- Capital Facilities and Infrastructure Reserve hold funds for future streets and transit infrastructure and building projects. The reserve balance of \$87.9 million increased by \$12.6 million mainly due to total receipts of \$19.2 million, comprised primarily of planned Revenue fund transfers of \$15.0 million and Gas Tax receipts of \$3.9 million less expenditures comprised mainly of a \$6.6 million transfer out for funding the 2019 Capital Budget.
- The Parking Sites Reserve holds the net parking revenues from the City's parkades and parking lots, managed and operated by Easy Park. Net parking revenues of \$12.6 million were offset by capital expenditures of \$9.8 million, which included construction of a new parkade for \$4.4 million, parking site expenditures of \$3.1 million, funding for public bike share program of \$0.3 million, and a \$2.0 million dividend to the revenue fund, resulting in an increase of \$2.8 million bringing the balance of reserve to \$44.8 million.

<u>Special Revenue and Programs</u> – holds funds received from external sources or designated for specific purposes.

• The Insurance reserve provides for payment of claims against the City. In 2019, transfers to the reserve net of payments were \$3.0 million leaving a balance of \$28.4 million.

Future Debt Repayment – for future debt repayments

• A net transfer of \$10.0 million to cover the Sinking Fund deficit left the Future Debt Repayment Reserve with a balance of \$22.2 million.

#### **REPORT OF THE DIRECTOR OF FINANCE**

#### **Climate-Related Financial Disclosures**

The City is continuing its commitment to support the voluntary recommendations of the Task Force for Climate-Related Financial Disclosures (TCFD) by including climate-related financial disclosures in its annual financial report. This disclosure describes the City's governance, strategy, risk, management and metrics and targets related to climate adaptation and will evolve as both the field of climate-risk disclosure and the City's climate change planning and response matures. The disclosure can be found immediately following the audited financial statements.

#### Summary

The City's financial position continued to improve in 2019.

The City's 2019 financial position remains strong and is reflected in recent credit ratings updates. In February 2020, S&P Global Ratings and in November 2019 Moody's Investors Service reaffirmed the City's credit rating of AAA and Aaa with stable outlooks, respectively. Both AAA and Aaa credit ratings reflects the agencies' assessments of the City's solid governance and experienced financial management team, consistent positive fiscal outcomes, high levels of liquidity, strong economy and budgetary performance, and strong debt affordability. Strong credit ratings provide the City with the opportunity to borrow at more favourable interest rates.

Respectfully submitted,

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Patrice Impey, B.Sc. MBA General Manager, Finance, Risk & Supply Chain Management Chief Financial Officer Director of Finance

Athueger

Gregory Krueger Associate Director of Financial Services

## **INDEPENDENT AUDITORS' REPORT**

To the Mayor and Councilors of the City of Vancouver

## **Report on the Audit of Financial Statements**

### Opinion

We have audited the consolidated financial statements of the City of Vancouver (the "City"), which comprise:

- the consolidated statement of financial position as at December 31, 2019
- the consolidated statement of operations for the year then ended
- the consolidated statement of change in net financial assets for the year then ended
- the consolidated statement of cash flows for the year then ended
- and notes to the consolidated financial statements, including a summary of significant accounting policies

(hereinafter referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the consolidated financial position of the City as at December 31, 2019, and its consolidated results of operations, its consolidated changes in net financial assets and its consolidated cash flows for the year then ended in accordance with Canadian public sector accounting standards.

## Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the "*Auditors' Responsibilities for the Audit of the Financial Statements*" section of our auditors' report.

We are independent of the City in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada and we have fulfilled our other ethical responsibilities in accordance with these requirements.

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

### **Other Information**

Management is responsible for the other information. Other information comprises the information, other than the financial statements and the auditors' report thereon, included in the 2019 Annual Financial Report.

Our opinion on the financial statements does not cover the other information and we do not and will not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit and remain alert for indications that the other information appears to be materially misstated.

We obtained the information, other than the financial statements and the auditors' report thereon, included in the 2019 Annual Financial Report as at the date of this auditors' report.

If, based on the work we have performed on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact in the auditors' report.

We have nothing to report in this regard.

# Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the City's ability to continue as a going concern, disclosing as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the City or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the City's financial reporting process.

## Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit.

We also:

• Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the City's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the City to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the group entity to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

## **Report on Other Legal and Regulatory Requirements**

As required by the Vancouver Charter, we report that, in our opinion, the accounting policies applied in preparing and presenting financial statements in accordance with Canadian public sector accounting standards have been applied on a basis consistent with that of the preceding period.

KPMG LLP

Chartered Professional Accountants Vancouver, Canada February 28, 2020

#### CITY OF VANCOUVER Consolidated Statement of Financial Position As at December 31 (\$000s)

	2019	2018
FINANCIAL ASSETS		
Cash and cash equivalents	\$ 385,645	\$ 320,400
Temporary investments (Note 2)	2,262,090	2,060,045
Accounts receivables (Note 3)	265,411	281,310
Lease agreement receivable (Note 4)	 2,161	 8,293
	 2,915,307	 2,670,048
LIABILITIES		
Accounts payable and accrued liabilities (Note 5)	424,001	378,175
Deferred liabilities (Note 6)	164,979	164,272
Mortgages and loan agreement (Note 7)	15,229	21,625
Debt (Note 8)	1,081,103	1,083,202
Deferred revenue (Note 9)	580,228	525,820
	 2,265,540	 2,173,094
NET FINANCIAL ASSETS	 649,767	 496,954
NON-FINANCIAL ASSETS		
Inventory and prepaids	24,306	24,539
Tangible capital assets (Note 10)	7,234,799	7,086,656
	 7,259,105	 7,111,195
ACCUMULATED SURPLUS (Note 11)	\$ 7,908,872	\$ 7,608,149

Contractual rights, contingencies and commitments (Note 12) See accompanying Notes to Consolidated Financial Statements

#### CITY OF VANCOUVER Consolidated Statement of Operations Years ended December 31 (\$000s)

		2019		
	Budget 2019		2018	
		(Note 14)		
REVENUES				
Property taxes, penalties and interest (Note 12 (e) and (g))	\$	831,522	\$ 873,498	\$ 833,414
Utility fees		302,042	299,411	277,143
Program fees		114,781	127,059	123,888
License and development fees		90,097	95,910	94,828
Parking		106,067	102,906	98,063
Cost recoveries, grants and donations		98,219	172,233	152,553
Revenue sharing		19,150	20,970	22,489
Investment income		27,743	49,070	37,681
Rental, lease and other		62,677	77,989	66,813
Bylaw fines		20,837	22,152	22,352
Developer contributions		170,652	132,695	256,763
Loss on sale of tangible capital assets		-	 (7,057)	 (7,094)
		1,843,787	 1,966,836	 1,978,893
EXPENSES				
Utilities		294,990	320,907	300,504
General government		213,966	178,088	175,712
Police protection		332,566	340,780	324,602
Fire protection		138,743	140,368	136,046
Engineering		226,587	226,529	212,454
Planning and development		71,277	67,614	59,805
Parks and recreation		215,762	222,470	206,028
Community and cultural services		176,214	110,860	116,947
Library		60,145	 58,497	 55,105
		1,730,250	 1,666,113	 1,587,203
ANNUAL SURPLUS		113,537	 300,723	 391,690
ACCUMULATED SURPLUS (Note 11)				
Beginning of year		7,608,149	 7,608,149	 7,216,459
End of year	\$	7,721,686	\$ 7,908,872	\$ 7,608,149

See accompanying Notes to Consolidated Financial Statements

#### CITY OF VANCOUVER Consolidated Statement of Change in Net Financial Assets Years ended December 31 (\$000s)

	2019 Budget (Note 14)		 2019	2018	
Annual Surplus	\$	113,537	\$ 300,723	\$	391,690
Acquisition of tangible capital assets Contributed tangible capital assets Amortization of tangible capital assets Loss on sale of tangible capital assets Proceeds on sale of tangible capital assets		(414,234) - 191,394 - -	(300,774) (47,602) 193,176 7,057		(234,412) (111,658) 187,634 7,094 523
		(222,840)	 (148,143)		(150,819)
Change in inventory and prepaids			 233		4,174
CHANGE IN NET FINANCIAL ASSETS		(109,303)	152,813		245,045
NET FINANCIAL ASSETS					
Beginning of year		496,954	 496,954		251,909
End of year	\$	387,651	\$ 649,767	\$	496,954

See accompanying Notes to Consolidated Financial Statements

#### CITY OF VANCOUVER Consolidated Statement of Cash Flows Years ended December 31 (\$000s)

	 2019		2018	
CASH PROVIDED BY (USED IN):				
Operating Transactions				
Annual surplus	\$ 300,723	\$	391,690	
Items not involving cash				
Amortization	193,176		187,634	
Amortization of debt premium	(217)		-	
Contributed tangible capital assets	(47,602)		(111,658)	
Loss on sale of tangible capital assets	7,057		7,094	
Recognition of deferred revenue	(88,092)		(65,068)	
Change in non-cash items				
Other financial assets and liabilities	67,857		(76,298)	
Change in deferred liabilities	707		(4,552)	
Increase in inventory and prepaids	233		4,174	
	433,842		333,016	
Financing Transactions				
Debt issued	100,000		90,000	
Debt Premium	23,861		-	
Debt, mortgages and loan agreement repayments	(132,139)		(9,021)	
Deferred revenue receipts	142,500		114,839	
	 134,222		195,818	
Capital Transactions	 ,		,	
Acquisition of tangible capital assets	(300,774)		(234,412)	
Proceeds of sale of tangible capital assets	-		523	
	 (300,774)		(233,889)	
Investing Transactions				
Net purchase of temporary investments	(202,045)		(159,239)	
	 (202,045)		(159,239)	
NET INCREASE IN CASH AND CASH EQUIVALENTS	65,245		135,706	
CASH AND CASH EQUIVALENTS				
Beginning of year	 320,400		184,694	
End of year	\$ 385,645	\$	320,400	

See accompanying Notes to Consolidated Financial Statements.

The City of Vancouver (the "City") was incorporated in 1886 and is governed by the Vancouver Charter, a private bill consented to by the Legislative Assembly of the Province of British Columbia.

#### 1. SIGNIFICANT ACCOUNTING POLICIES

#### (a) Basis of Presentation

The consolidated financial statements of the City have been prepared in accordance with Canadian public sector accounting standards.

#### (b) Reporting Entity

The consolidated financial statements reflect the assets, liabilities, revenues and expenses of the reporting entity. The reporting entity is comprised of all the organizations controlled by the City. Interfund and inter-corporate balances and transactions have been eliminated. The entities included are as follows:

Hastings Institute Inc.	Vancouver Civic Development Corporation
Harbour Park Development Ltd.	City of Vancouver Public Housing Corporation
Parking Corporation of Vancouver (EasyPark)	Pacific National Exhibition (PNE)
Vancouver Economic Commission	Vancouver Affordable Housing Agency

The resources and operations of the City are accounted for in the following funds:

- Capital Fund Accounts for capital expenditures supporting civic infrastructure and holds all properties required for civic use and the related debt.
- Revenue Fund Accounts for revenue and expenditures for the general operations of the City including sewer, solid waste, and water and neighbourhood energy utilities.
- Property Endowment Fund Accounts for parkades and properties which are leased to third parties, being developed or held for resale or lease.
- Sinking Fund Accounts for the accumulation of instalments generated from tax levies in accordance with the actuarial requirements for the retirement of sinking fund debt at maturity.
- Capital Financing Fund Accounts for funds designated for the financing of capital works, for the acquisition of the City's debentures and for funds set aside for the City's solid waste disposal program.

#### (c) Revenues

Revenues are accounted for in the period in which the transactions or events occurred that gave rise to the revenues.

#### 1. SIGNIFICANT ACCOUNTING POLICIES – Continued

#### (d) Deferred Revenue

(i) Development cost levies (DCL's):

The City collects development cost levies in accordance with Council approved by-laws to finance growth-related projects including parks, childcare facilities, replacement housing and engineering infrastructure. DCL's must be spent on projects within defined area boundaries and are recognized as revenue as Council approved expenditures are incurred.

(ii) Prepaid leases

The City has land leases with terms ranging from 18 to 99 years, some of which have been prepaid. These amounts are recognized in revenue on a straight-line basis over the lease term.

(iii) Capital Contributions and other

Contributions for capital and other are recognized as the expenditures are incurred.

#### (e) Cash, Cash Equivalents and Temporary Investments

Cash and cash equivalents includes short-term investments with maturity dates within 90 days of acquisition. Temporary investments are comprised of money market instruments, term deposits, banker acceptances and corporate, federal and provincial bonds with maturity dates greater than 90 days after acquisition. Temporary investments are recorded at cost, adjusted for amortization of premiums or discounts.

#### (f) Non-financial Assets

Non-financial assets are not available to discharge existing liabilities and are held for use in the provision of services. They may have useful lives extending beyond the current year and are not intended for sale in the ordinary course of operations.

(i) Tangible capital assets

Tangible capital assets are recorded at cost which includes amounts that are directly attributable to acquisition, construction, development or betterment of the asset. The cost, less residual value of the capital asset is amortized on a straight-line basis over their estimated useful lives as follows:

Veere

	Years
Landfill and land improvements	15 to 60
Buildings and building improvements	25 to 100
Leasehold improvements	5 to 20
Vehicles, equipment and furniture	3 to 25
Computer systems	5-10
Library books and materials	10
Infrastructure	
Streets and structures	25 to 80
Water system	20 to 100
Sewer system	40 to 100

Annual amortization is charged commencing when the asset is acquired or available for use. Assets under construction are not amortized until the asset is available for productive use. The City does not capitalize interest associated with the acquisition or construction of a tangible capital asset.

Tangible capital assets received as contributions are recorded at their fair value at the date of receipt and also recorded as revenue.

Works of art, artifacts, cultural and historic assets are not recorded as assets in the consolidated financial statements.

(ii) Inventory and prepaids

Inventory and prepaid expenses held for consumption are recorded at the lower of cost and replacement cost.

#### 1. SIGNIFICANT ACCOUNTING POLICIES – Continued

#### (g) Pension Plan and Deferred Payroll Liabilities

The City and its employees participate in the Municipal Pension Plan. The Municipal Pension Plan is a multi-employer contributory defined benefit pension plan. Payments in the year are expensed.

Employees are entitled to earned benefits related to non-vesting accumulating sick leave, sick leave gratuity and full vacation entitlement at retirement. Employees may also defer current vacation entitlements. The cost of post-employment benefits is actuarially determined based on service provided, a best estimate of retirement ages and expected future salary and wage increases. The liability under these benefit plans is accrued based on projected benefits as the employees render service necessary to earn the future benefits.

Certain employees are entitled to income continuation benefits under long term disability plans. The City recognizes a liability and expense for these post-employment benefits in the period when the event occurs that obligates the City to provide the benefit.

#### (h) Landfill Closure and Post Closure Costs

The Ministry of Environment establishes certain requirements in order for the City to obtain an Operating Certificate for its landfill site. Those obligations include closure and post-closure activities. The present value of the City's estimated future liability for these expenditures is recognized as the landfill site's capacity is used. This liability and annual expense is calculated based on the ratio of utilization to total capacity of the site.

#### (i) Liabilities for Contaminated Sites

The City recognizes a liability for remediation of a contaminated site when the site is no longer in productive use or an unexpected event resulting in contamination has occurred and the following criteria are satisfied: contamination exceeds an environmental standard, the City is either directly responsible or has accepted responsibility for remediation, it is expected future economic benefits will be given up and a reasonable estimate of the amount can be made. Future economic benefits are expected to be given up if the City has an external obligation to remediate a site or has commenced remediation on its own accord.

#### (j) Use of Estimates

Preparation of the consolidated financial statements requires management to make estimates and assumptions that affect the reported consolidated amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period.

Significant estimates include assumptions used in estimating provisions for accrued liabilities, legal claims, assessment appeals, landfill liability and contaminated sites liabilities and in performing actuarial valuations of employee future benefits. The amounts recorded for tangible capital assets are based on management's estimates of historical cost, useful lives and valuation for contributed assets.

Actual results could differ from the estimates and adjustments, if any, will be reflected in the period of settlement or upon a change in the estimate.

#### (k) Comparative Figures

Certain comparative figures have been reclassified to conform with the presentation adopted in the current year.

#### 2. TEMPORARY INVESTMENTS

The market value of temporary investments as at December 31, 2019 are \$2,266,139 (2018 - \$2,058,902).

#### 3. ACCOUNTS RECEIVABLES

	2019			2018		
Accrued interest	\$	15,054	\$	17,792		
Employee advances		1,015		1,159		
Local improvement receivables		2,243		2,532		
Property taxes receivables		55,192		42,546		
Rental and lease receivables		3,245		2,912		
Trade and other receivables		154,601		182,537		
Utility receivables		34,061		31,832		
	\$	265,411	\$	281,310		

#### 4. LEASE AGREEMENT RECEIVABLE

The City has executed a 25-year lease of the Library Square office building to the Federal Government which commenced April 30, 1995. Annual lease receipts partially offsets the mortgage principal and interest payments as described in note 7(a).

#### 5. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

		2018		
Payroll liabilities	\$	75,409	\$	62,277
Property tax advance deposits and receipts		121,328		105,788
Other advance deposits and receipts		62,025		57,797
Trade and other liabilities		165,239		152,313
	\$	424,001	\$	378,175

#### 6. DEFERRED LIABILITIES

		2018		
Deferred payroll costs (a)	\$	91,747	\$	90,577
Landfill closure and post-closure costs (b)		63,018		63,665
Contaminated sites		4,735		4,811
Accrued interest on long term debt		5,479		5,219
	\$	164,979	\$	164,272

#### (a) Deferred Payroll Costs

The City has accumulated \$55.0 million (2018 - \$55.0 million) in a reserve for the funding of deferred payroll liabilities (note 11(a)). An actuarial valuation was completed as at December 31, 2019 using the following valuation assumptions:

	2019	2018
Discount rate	3.36%	3.58%
Inflation rate	2%	2%
Rate of compensation increase	2.58% to 4.63%	2.58% to 4.63%
Amortization period of actuarial gain in years	11	11

#### 6. DEFERRED LIABILITIES - Continued

#### (a) Deferred Payroll Costs - Continued

	2019			2018		
Sick leave gratuity	\$	28,755	\$	27,494		
Deferred vacation		10,144		10,074		
Non-vested accumulating sick leave		19,095		18,330		
Long term disability		17,695		16,621		
Other post-employment benefits		21,159		20,383		
		96,848		92,902		
Unamortized actuarial gain		(5,101)		(2,325)		
	\$	91,747	\$	90,577		

The continuity of the City's deferred payroll costs is as follows:

	2019			2018		
Beginning of the year	\$	90,577	\$	93,060		
Current service cost		8,199		4,435		
Interest cost		3,511		3,457		
Amortization of actuarial gain		(733)		(972)		
Actual benefits paid		(9,807)		(9,403)		
End of the year	\$	91,747	\$	90,577		

#### (b) Landfill Closure and Post-Closure Costs

The City has accumulated \$70.7 million (2018 - \$64.9 million) in a Solid Waste Capital reserve for the funding of landfill liabilities (note 11(a)).

The landfill liabilities reported are based on the following assumptions:

	2019	2018
Closure date	2036	2036
Years of post-closure maintenance	30	30
Total capacity (million tonnes)	25.9	25.7
Future costs (million)	\$209.4	\$218.7
Present value of future costs (million)	\$114.7	\$116.5
Deposited to date (million tonnes)	21.1	20.5
Utilization of total capacity to date	81.5%	79.8%
City's share of liability	67.2%	68.5%
Discount rate	3.36%	3.58%
Inflation rate	2.00%	2.00%

In accordance with an agreement between the City and the Greater Vancouver Sewerage and Drainage District, the City is responsible for its share of the overall liability for closure and post-closure costs based on tonnage deposited by parties to the agreement.

#### 7. MORTGAGES AND LOAN AGREEMENT

- (a) Outstanding mortgages include:
  - \$6.5 million (2018 \$12.3 million) on the Library Square Project is due on January 14, 2021. Interest at 9.677% per annum is compounded semi-annually with monthly repayments of principal and interest. The mortgage is secured by a first charge on the land and any proceeds from the sale of the land on which the office building is situated, the office building and any improvements to it including machinery, plant and equipment, and any proceeds on the lease of the office building. The interest paid in 2019 on the Library Square mortgage amounted to \$0.9 million (2018 - \$1.5 million).

#### 7. MORTGAGES AND LOAN AGREEMENT - Continued

- \$2.9 million (2018 \$3.3 million) in mortgages payable to Canada Mortgage and Housing Corporation for 2 non-market housing projects. Interest rates range from 2.1% to 3.4% with maturity dates from October 1, 2020 to June 1, 2023. The interest paid in 2019 was \$0.1 million (2018 - \$0.1 million).
- (b) The loan agreement is the revolving facility for the PNE with a Canadian chartered bank providing for borrowing of up to \$24.9 million. The facility bears interest at the bank prime rate minus 0.25% and is due on demand. As at December 31, 2019, \$5.8 million (2018 \$6.0 million) has been drawn on this facility.

Principal payments on mortgages and loan agreement over the next 5 years and thereafter, assuming the loan agreement is not called, are as follows:

2020	\$ 6,735
2021	611
2022	369
2023	377
2024	385
Thereafter	 931
	9,408
Loan agreement	 5,821
Total	\$ 15,229

#### 8. DEBT

Debenture debt is shown at its face amount.

Maturing in	Total
2020	\$ 125,747
2021	140,751
2022	755
2023	110,760
2024	105,764
Thereafter	573,682
Subtotal Debt Issue	1,057,459
Unamortized Premium	23,644
Total	\$ 1,081,103

Interest rates payable on the principal amount of the debentures range from 1.71% to 4.50% per annum. The weighted average interest rate on total external debt to maturity is 3.43%. Total interest paid in 2019 on externally held debt amounted to \$38.7 million (2018 - \$35.9 million). Reserve for debt retirement at December 31, 2019 amounted to \$476.4 million (2018 - \$494.2 million) (note 11) resulting in a net external debt of \$581.0 million (2018 - \$589.0 million).

#### 9. DEFERRED REVENUE

Deferred revenue is comprised of the following:

•			•				
	2018		Contributions and Interest		0		2019
\$	246,395	\$	97,119	\$	(65,516)	\$	277,998
	113,004		6,894		(2,191)		117,707
	359,399		104,013		(67,707)		395,705
	163,900		24,300		(5,718)		182,482
	2,521		14,187		(14,667)		2,041
\$	525,820	\$	142,500	\$	(88,092)	\$	580,228
	·	\$ 246,395 113,004 359,399 163,900 2,521	2018 an \$ 246,395 \$ 113,004 359,399 163,900 2,521	2018         and Interest           \$ 246,395         \$ 97,119           113,004         6,894           359,399         104,013           163,900         24,300           2,521         14,187	2018         and Interest         F           \$ 246,395         \$ 97,119         \$           113,004         6,894           359,399         104,013           163,900         24,300           2,521         14,187	2018         and Interest         Revenue           \$ 246,395         \$ 97,119         \$ (65,516)           113,004         6,894         (2,191)           359,399         104,013         (67,707)           163,900         24,300         (5,718)           2,521         14,187         (14,667)	2018         and Interest         Revenue           \$ 246,395         \$ 97,119         \$ (65,516)         \$           113,004         6,894         (2,191)           359,399         104,013         (67,707)           163,900         24,300         (5,718)           2,521         14,187         (14,667)

#### **10. TANGIBLE CAPITAL ASSETS**

	Balance beginning of year		Additions net of transfers Dis		Disposals		Balance end of year		
Cost									
Land	\$	2,273,395	\$	51,450	\$	-	\$	2,324,845	
Landfill and land improvements		312,183		10,301		-		322,484	
Buildings and building improvements		1,662,449		57,432		(1,425)		1,718,456	
Leasehold improvements		55,309		13,045		(33)		68,321	
Vehicles, equipment and furniture		368,183		31,742		(5,962)		393,963	
Computer systems		231,245		24,892		(195)		255,942	
Library books and materials		38,280		3,069		(4,372)		36,977	
Infrastructure									
Streets and structures		3,350,204		66,051		(1,242)		3,415,013	
Water system		796,943		30,056		(3,380)		823,619	
Sewer system		1,569,073		45,677		(1,972)		1,612,778	
Assets under construction		69,120		14,661		-		83,781	
Total Cost		10,726,384		348,376		(18,581)		11,056,179	
Accumulated amortization									
Landfill and land improvements		179,346		9,724		-		189,070	
Buildings and building improvements		515,329		37,627		(801)		552,155	
Leasehold improvements		20,027		3,853		(33)		23,847	
Vehicles, equipment and furniture		223,745		24,288		(4,875)		243,158	
Computer systems		185,657		14,982		(191)		200,448	
Library books and materials		25,839		2,179		(1,744)		26,274	
Infrastructure									
Streets and structures		1,847,109		73,749		(897)		1,919,961	
Water system		217,274		9,956		(1,942)		225,288	
Sewer system		425,402		16,818		(1,041)		441,179	
Accumulated amortization		3,639,728		193,176		(11,524)		3,821,380	
Net book value									
Land *		2,273,395		51,450		-		2,324,845	
Landfill and land improvements		132,837		577		-		133,414	
Buildings and building improvements		1,147,120		19,805		(624)		1,166,301	
Leasehold improvements		35,282		9,192		-		44,474	
Vehicles, equipment and furniture		144,438		7,454		(1,087)		150,805	
Computer systems		45,588		9,910		(4)		55,494	
Library books and materials		12,441		890		(2,628)		10,703	
Infrastructure									
Streets and structures		1,503,095		(7,698)		(345)		1,495,052	
Water system		579,669		20,100		(1,438)		598,331	
Sewer system		1,143,671		28,859		(931)		1,171,599	
Assets under construction		69,120		14,661		-		83,781	
Net Book Value	\$	7,086,656	\$	155,200	\$	(7,057)	\$	7,234,799	
Net Book Value (2018)	\$	6,935,837	\$	158,436	\$	(7,617)	\$	7,086,656	

\*The Assessed Value of land is \$27,920,081 (2018 - \$27,010,992)

Additions include contributed tangible capital assets - land \$31.1M, buildings \$10.8M, streets and structures \$2.2M, sewer systems \$2.4M and water systems \$1.1M.

#### 11. ACCUMULATED SURPLUS

	 2019	 2018
Investment in tangible capital assets	\$ 6,165,300	\$ 5,991,417
Reserve for Sinking Fund debt retirement - statutory	406,122	435,456
Reserve for Sinking Fund debt retirement - non-statutory	70,297	58,726
Reserves (a)	1,284,566	1,177,437
Fund balances (b)	147,566	109,385
Obligations to be funded from future revenues (Note 6)	 (164,979)	 (164,272)
	\$ 7,908,872	\$ 7,608,149

#### (a) The following reserve amounts are set aside for specific purposes:

	20 <sup>.</sup>	18	Т	ransfer To	٦	Transfer From		hange ring Year	2019
		10		10		TIOIII	Du	ing real	 2019
Financial Stabilization									
Deferred Payroll Obligation	\$	54,974	\$	-	\$	-		-	\$ 54,974
General Revenue Stabilization	1	21,754		31,539		(7,040)		24,499	146,253
Solid Waste Capital		64,863		24,241		(18,415)		5,826	70,689
Utility Rate Stabilization		17,578		2,894		-		2,894	20,472
	2	59,169		58,674		(25,455)		33,219	 292,388
Asset Management									
Golf Course and Artificial Turf		5,148		299		(1,131)		(832)	4,316
Plant and Equipment		53,936		23,830		(27,589)		(3,759)	50,177
Streets Capital Maintenance		16,526		3,107		(586)		2,521	19,047
		75,610		27,236		(29,306)		(2,070)	73,540
Future Capital									
Affordable Housing	1	23,733		47,423		(8,285)		39,138	162,871
Capital Facilities and Infrastructure		75,283		19,169		(6,582)		12,587	87,870
Community Amenities	4	15,252		60,908		(40,574)		20,334	435,586
Parking Sites		41,971		12,639		(9,792)		2,847	44,818
Pedestrian and Cycling		6,619		1,127		(930)		197	6,816
	6	62,858		141,266		(66,163)		75,103	 737,961
Special Revenue and Programs									
Childcare Endowment		19,034		531		(977)		(446)	18,588
Community Amenity Operations		7,630		328		(665)		(337)	7,293
Donations		14,055		2,141		(1,365)		776	14,831
Emerging Neighbourhood		10,000		-		-		-	10,000
Insurance		25,401		11,130		(8,150)		2,980	28,381
Outstanding Commitments		22,078		12,445		(8,000)		4,445	26,523
Public Art		14,693		2,086		(673)		1,413	16,106
Social and Cultural		24,756		2,877		(2,003)		874	25,630
Other		9,976		5,207		(4,073)		1,134	11,110
	1	47,623		36,745		(25,906)		10,839	158,462
Future Debt Repayment		32,177		870		(10,832)		(9,962)	22,215
	\$ 1,1	77,437	\$	264,791	\$	(157,662)	\$	107,129	\$ 1,284,566

#### 11. ACCUMULATED SURPLUS - Continued

(b) Fund balances are comprised of:

			Cha	nge During		
		2018		Year		2019
Revenue Fund	\$	26,239	\$	_	\$	26,239
Capital Fund	Ψ	(155,315)	Ψ	13,053	Ψ	(142,262)
Capital Financing Fund		297,353		7,818		305,171
Sinking Fund		-		-		-
Property Endowment Fund		(79,851)		16,491		(63,360)
Harbour Park Development Ltd.		(5)		(2)		(7)
Vancouver Civic Development Corp.		11,681		195		11,876
Hastings Institute Inc.		247		6		253
Pacific National Exhibition		(3,173)		(1,058)		(4,231)
City of Vancouver Public Housing Corporation		(412)		161		(251)
Vancouver Economic Commission		805		(11)		794
Parking Corporation of Vancouver		216		126		342
		97,785		36,779		134,564
Eliminations on consolidation		11,600		1,402		13,002
	\$	109,385	\$	38,181	\$	147,566
City of Vancouver Public Housing Corporation Vancouver Economic Commission Parking Corporation of Vancouver	\$	(412) 805 216 97,785 11,600	\$	161 (11) 126 36,779 1,402	\$	(251) 794 342 134,564 13,002

#### 12. CONTRACTUAL RIGHTS, CONTINGENCIES AND COMMITMENTS

#### (a) Contractual Rights

The City's contractual rights arise from rights to receive payments under shared cost agreements and leases.

As of the date of these financial statements the City has entered into cost sharing agreements with senior government and other agencies related to four City infrastructure priority areas in the amount of \$119.9 million. Revenue of \$54.3 million has been recognized based on eligible expenditures made under the agreements leaving \$65.6 million of contractual rights expected to be realized as the remaining expenditures are incurred, approximately over the next four years as part of the City's capital plan activity.

Infrastructure Priority Area	Shared	Cost Revenue
Affordable Housing	\$	30,035
Green Infrastructure & Climate Change		2,215
Rapid Transit & Transportation Infrastructure		32,151
Social & Community Infrastructure		1,189
Total	\$	65,590

The City leases real estate property to commercial, affordable housing and non-profit organizations with terms ranging from 1 to 117 years. The City has contractual rights to receive the following amounts of lease revenue in the next 5 years.

Year	Leas	e Revenue
2020	\$	23,046
2021		18,183
2022		15,795
2023		13,536
2024		10,969
	\$	81,529

#### 12. CONTRACTUAL RIGHTS, CONTINGENCIES AND COMMITMENTS – Continued

#### (b) Contingent Liability and Commitment

The City is contingently liable in respect of debentures of the Greater Vancouver Water District, the Greater Vancouver Sewerage and Drainage District and the Greater Vancouver Regional District.

The City is a shareholder and member of E-Comm Emergency Communications for British Columbia Incorporated (E-Comm), whose services include: regional 911 call centre for the Greater Vancouver Regional District, Area Wide Radio emergency communications network, dispatch operations and records management. The City holds 2 Class A shares and 1 Class B share (of a total 34 Class A and 20 Class B shared issued and outstanding at December 31, 2019). As a Class A shareholder, the City is committed to paying levies for services received under a cost-sharing formula to fund operating and capital costs of the E-Comm operations. In addition, the City is contingently liable to cover its proportionate share of such costs should any member be unable to fulfill its funding obligations. Annual levy amounts fluctuate based on various factors under the cost-sharing formula, and amounted to \$20.9 million during the year (2018 - \$20.3 million).

#### (c) Municipal Pension Plan

The City and its employees contribute to the Municipal Pension Plan (a jointly trusteed pension plan). The board of trustees, representing plan members and employers, is responsible for administering the plan, including investment of assets and administration of benefits. The plan is a multi-employer defined benefit pension plan. Basic pension benefits are based on a formula. As at December 31, 2019, the plan had about 205,000 active members and approximately 101,000 retired members. Active members include approximately 40,000 contributors from local governments.

Every three years, an actuarial valuation is performed to assess the financial position of the plan and adequacy of plan funding. The actuary determines an appropriate combined employer and member contribution rate to fund the plan. The actuary's calculated contribution rate is based on the entry-age normal cost method, which produces the long-term rate of member and employer contributions sufficient to provide benefits for average future entrants to the plan. This rate is then adjusted to the extent there is amortization of any funding deficit.

The most recent valuation for the Municipal Pension Plan as at December 31, 2018, indicated a \$2,866 million funding surplus for basic pension benefits on a going concern basis. The next valuation will be as at December 31, 2021, with results available in 2022.

Employers participating in the plan record their pension expense as the amount of employer contributions made during the fiscal year (defined contribution pension plan accounting). This is because the plan records accrued liabilities and accrued assets for the plan in aggregate, resulting in no consistent and reliable basis for allocating the obligation, assets and cost to individual employers participating in the plan.

The City paid \$78.7 million (2018 - \$76.2 million) for employer contributions while employees contributed \$63.3 million (2018 - \$60.3 million) to the plan in fiscal 2019.

#### (d) Contingent Legal Liabilities

As at December 31, 2019, there were various legal claims pending against the City arising in the ordinary course of its operations. The City has recorded a liability for certain uninsured claims, but has made no specific provision for those where the outcome is presently indeterminable. The City also has an insurance reserve of \$28.4 million (2018 - \$25.4 million) for potential claims (note 11(a)).

#### 12. CONTRACTUAL RIGHTS, CONTINGENCIES AND COMMITMENTS – Continued

#### (e) Property Assessment Appeals

As at December 31, 2019, there were various assessment appeals pending with respect to properties. The outcome of those appeals may result in adjustments to property taxes receivable for the current and prior years. The City has estimated a liability for certain appeals and makes an annual provision against property taxes receivable for the impact of appeals.

#### (f) Loan Guarantees

The City has entered into 60 year prepaid leases and operating agreements with respect to two affordable rental housing complexes in Southeast False Creek. Under the agreements, the City has guaranteed the operators' loan obligations with respect to their mortgages to finance the pre-paid rent. The outstanding balances of the mortgages as reported in their most recent audited financial statements are:

First Avenue Athletes Village Housing Co-operative as at September 30, 2019	\$18,081
S.U.C.C.E.S.S. Affordable Housing Society as at March 31, 2019	\$20,867

#### (g) Collection of Taxes on Behalf of Other Taxing Authorities

	 2019	 2018
Taxes collected by the City:		
Property and business taxes	\$ 1,766,925	\$ 1,607,873
Payment in lieu of taxes	28,380	28,183
Local improvement levies	 773	 943
	 1,796,078	 1,636,999
Less taxes remitted to:		
Province of British Columbia - School Taxes	730,958	618,758
Greater Vancouver Transportation Authority	147,027	140,390
B.C. Assessment Authority	22,552	22,838
Greater Vancouver Regional District	21,934	21,493
Municipal Finance Authority	109	106
	922,580	803,585
Net Taxes for Municipal Purposes	\$ 873,498	\$ 833,414

#### **13. TRUST FUNDS**

Certain assets have been conveyed or assigned to the City to be administered as directed by agreement or statute. The City holds the assets for the benefit of, and stands in fiduciary relationship to, the beneficiary. The following trust funds and assets are excluded from the City's consolidated financial statements:

	 2019	 2018
Vancouver Agreement	\$ 2,175	\$ 2,590
Cemetery Perpetual Care	7,676	7,102
General	457	462
	\$ 10,308	\$ 10,154

The Vancouver Agreement is an urban development agreement between the Federal and Provincial Governments and the City to facilitate sustainable economic, social and community development in the City.

#### 14. BUDGET

The Budget information presented in these consolidated financial statements is based upon the 2019 operating, capital and property endowment budgets as approved by Council on December 11, 2018 and adjusted to comply with Canadian public sector accounting standards for inclusion in the Consolidated Statement of Operations and Consolidated Statement of Change in Net Financial Assets.

	2019
Revenues	
Approved Budgeted Revenues	
Operating Budget	\$ 1,513,474
Capital Budget	207,043
Property Endowment Operating Budget	61,519
Other City of Vancouver funds	18,172
Vancouver Public Housing Corporation	2,551
Pacific National Exhibition	53,933
Other City of Vancouver Reporting Entities	185
	1,856,877
PSAB Revenue Adjustments	
Interfund revenue eliminated	 (13,090)
Budgeted Revenues as presented in financial statements	\$ 1,843,787
Expenses	
Approved Budgeted Expenditures	
Operating Budget	\$ 1,513,474
Capital Budget	207,043
Property Endowment Operating Budget	61,519
Other City of Vancouver funds	18,172
Vancouver Public Housing Corporation	2,551
Pacific National Exhibition	52,971
Other City of Vancouver Reporting Entities	185
	1,855,915
PSAB Expenses Adjustments	
Operating Budget PSAB expense adjustments (1)	110,265
Capital asset expenditures	(414,234)
Amortization of tangible capital assets	191,394
Interfund expense eliminated	 (13,090)
	 (125,665)
Budgeted Expenses as presented in financial statements	\$ 1,730,250
Annual Surplus	\$ 113,537
Note:	 

(1) Debt issue receipts, debt principal payments and transfers

#### 15. SEGMENTED INFORMATION AND EXPENSES BY OBJECT

City services are provided by departments and their activities are reported in the City's Funds as described in Note 1(b). The accounting policies used in these segments are consistent with those followed in the preparation of the consolidated financial statements as disclosed in Note 1.

Revenues not directly attributable to a specific segment are shown in General Government.

Amounts shown for wages, contract services, supplies and debt charges are the gross amounts incurred by departments for all segmented activity. Allocated costs include services performed by departments for other segments or for work related to capital construction activity.

The segments include:

- **General Government** which provides internal support services to Council and other departments who provide direct services to its citizens. These internal departments include the City Manager's Office, City Clerk, Financial Services, Real Estate and Facilities Management, Legal and Human Resources.
- **Police Protection** which provides operational and investigation services to maintain public order, uphold the rule of law and prevent crime.
- Fire Protection which provides emergency and prevention services related to firefighting and medical services.
- **Engineering** which provides planning, design, construction and maintenance of the City's streets, street lighting, traffic control, parking enforcement, transportation planning and utility and communication corridors.
- Utilities which are managed by the Engineering department and provide planning, design, construction and maintenance related to the water distribution, sewerage collection, drainage, neighbourhood energy utilities and refuse removal services.
- **Planning and Development** which creates plans, programs and policies required for city-wide and community planning, zoning and subdivision, building by-law administration and inspection, various licensing and animal control services.
- Parks and Recreation which provides recreation services through its parks, community centres, swimming pools and ice rinks.
- Community and Cultural Services which includes the civic theatres and the Britannia Community Centre and other programs to create sustainable, creative and inclusive communities for living and working.
- Library which provides access to reading and information needs, and a free place for everyone to discover, create, and share ideas.

								0	Community			
	General	al Police	ice	Fire			Planning &	Parks	& Cultural		2019	2018
	Government	nent Protection		Protection Er	Engineering	Utilities	Development	& Recreation	Services	Library	Consolidated (	Consolidated
Revenues												
Property taxes, penalties and interest	\$ 873	873,498 \$	\$ '	\$ '	\$ '		' ج	\$ ' \$	\$	'	\$ 873,498 \$	833,414
Utility fees		Q				299,392			14		299,411	277,143
Program fees		687	2,531	949	189	210		102,486	18,675	1,332	127,059	123,888
License and development fees	96	95,861			4	44			-		95,910	94,828
Parking	90	60,939	211		28, 152			12,519	1,085		102,906	98,063
Cost recoveries, grants and donations	28	28,903	27,839	11,721	20,388	60,417	4,158	5,185	9'20	3,856	172,233	152,553
Revenue sharing	20	20,970									20,970	22,489
Investment income	48	48,772			132				166		49,070	37,681
Rental, lease and other	5	51,765	218	140	8,343	1,651	5	8,133	6,372	1,365	77,989	66,813
Bylaw fines	22	22,074	24					54	,		22,152	22,352
Developer contributions	16	16,332		(1,963)	54,868	8,876		24,130	30,452		132,695	256,763
Loss on disposal of tangible capital assets		(874)			(346)	(2, 369)		(255)	(268)	(2,645)	(7,057)	(7,094)
	1,218,932	3,932	30,823	10,847	111,730	368,221	4,160	152,252	65,963	3,908	1,966,836	1,978,893
Operating Expenses												
Wages, salaries and benefits	101	107,639 2	278,732	120,213	94,352	56,419	58,229	118,611	39,493	41,663	915,351	855,882
Contract services	20	20,042	23,214	5,344	18,967	24,768	3,913	13,154	2,155	2,142	113,699	113,724
Supplies, material and equipment	25	25,433	26,406	7,596	23,439	190,696	5,470	60,602	56,121	8,052	403,815	391,401
Debt charges		950	1,686	1,041	8,500	16,988		6,462	4,132	313	40,072	38,562
	154	154,064 3	330,038	134,194	145,258	288,871	67,612	198,829	101,901	52,170	1,472,937	1,399,569
Amortization	24	24,024	10,741	6,174	81,270	32,036	2	23,641	8,960	6,328	193,176	187,634
	178	178,088 3	340,779	140,368	226,528	320,907	67,614	222,470	110,861	58,498	1,666,113	1,587,203
Annual Surplus (Deficit)	\$ 1,040	1,040,844 \$ (3	(309,956) \$	(129,521) \$	(114,798) \$	47,314	\$ (63,454)	\$ (70,218) \$	(44,898) \$	(54,590)	\$ 300,723 \$	

NOTE 15 CONTINUED – SEGMENTED INFORMATION AND EXPENSES BY OBJECT (Tabular amounts in \$000s) Year Ended December 31, 2019

## TASK FORCE FOR CLIMATE-RELATED FINANCIAL DISCLOSURES (TCFD)

UNAUDITED

**ANNUAL FINANCIAL REPORT 2019** 

#### Climate-Related Risk and the City of Vancouver

#### Introduction

The City of Vancouver is committed to taking action to mitigate and adapt to the emerging and anticipated impacts of climate change. This commitment began with the adoption of our Greenest City Action Plan in 2011 and continued with the Climate Emergency Response in 2019. Our actions also include advocating, supporting and collaborating with other governments and stakeholders to respond together on this global issue.

We believe cities will be at the forefront of developing policy, and planning and implementing climate mitigation and adaptation measures, and increasingly there are global initiatives to support immediate action. Notwithstanding, the powers of municipalities and their revenue sources are limited. Globally, cities and large institutional investors are calling on national and subnational government to send clear signals by stepping up their commitments, centering cities in their climate, housing and economic policy frameworks, and aligning funding and action accordingly.

One such initiative is the Task Force for Climate-Related Financial Disclosures (TCFD), which in June 2017 released their Recommendations for voluntary climate-related financial disclosures that are consistent, comparable, reliable, clear, and efficient, and provide decision-useful information to lenders, insurers, and investors.

In 2017, the CFO of the City of Vancouver signed a letter from the Accounting for Sustainability (A4S) initiative, supporting climate-related financial disclosure. The letter specifically commits the City to "affirm our commitment to "Costs for maintaining existing services are rising faster than inflation in a number of areas. Risks to the five-year financial plan include:

- Costs for unforeseen events, such as public emergencies and issues related to climate change, or unusual weather events.
- Costs for higher water consumption during periods of low rainfall, costs for flooding and wind damage, and higher costs for snow and ice removal in periods of high winter storm activity."

- City of Vancouver 2020 Budget and Five-Year Financial Plan, p97

"As well, the City will continue to proactively prepare for the threats posed by climate change and major events (e.g., seismic). Flooding and severe storms witnessed in recent years in Canada and other parts of the world demonstrate the importance to be prepared to respond to such events as they happen and to quickly resume business across the city. Storm intensities have already increased in Vancouver. Learning from these events, both locally and nationally, helps inform our infrastructure investments and our focus on preparedness. Resources have been dedicated to commence research, policy and strategy work in partnership with regional and senior governments to address emerging priorities such as climate change adaptation, shoreline flood protection, seismic risk and resilience. This work will inform future Capital Plans."

- City of Vancouver 2019-2022 Capital Plan, p4

**City of Vancouver Disclosure** 

support the voluntary recommendations" of TCFD. Starting in 2018, the City included unaudited climate-related financial disclosures in its annual financial report. This disclosure is intended to align with TCFD recommendations (see Table 1), and will continue to improve over time as the City responds to climate change, and as the field of climate-risk disclosure evolves. Commentary on climate change impacts to the City's service delivery are also included in various City documents, notably the annual *Budget* and the *2019-2022 Capital Plan*. Where appropriate, these have also been listed in Table 1.

In 2019, we furthered our commitment through Council motions to ramp up our response to the Climate Emergency, and to support initiatives to raise awareness and encourage the Province of British Columbia to include TCFD recommendations in their annual financial report.

#### Table 1 – TCFD Recommended Disclosures

#### TCFD Recommended Disclosures

# Governance Disclose the organization's governance around climate-related risks and opportunities. a) Describe the board's oversight of climate-related risks and opportunities. Vancouver's Climate Strategies and Governance b) Describe management's role in assessing and managing climate-related risks and opportunities. Vancouver's Climate Strategies and Governance

#### Table 1 – TCFD Recommended Disclosures - Continued

#### TCFD Recommended Disclosures

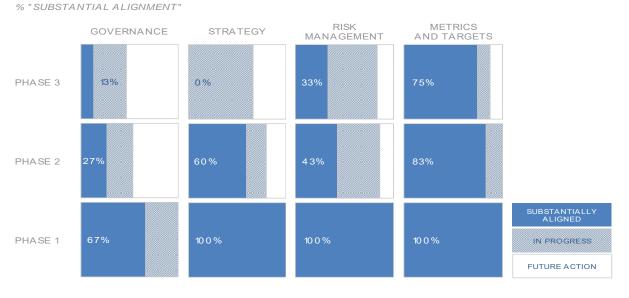
#### **City of Vancouver Disclosure**

<b>.</b>		
Strategy		
Disclose the actual	a) Describe the climate-related risks and opportunities	Climate Risk in Vancouver;
and potential impacts of climate-related risks and	the organization has identified over the short, medium, and long term.	<u>2019-2022 Capital Plan, p4, 7, 15</u>
opportunities on the	b) Describe the impact of climate-related risks and	Climate Adaptation in Vancouver;
organization's businesses, strategy,	opportunities on the organization's businesses, strategy, and financial planning.	<u>2018 Budget and Five-Year Financial</u> <u>Plan, p58, 104</u>
and financial planning where such information is material.	c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Climate Risk in Vancouver
Risk Management		
Disclose how the	a) Describe the organization's processes for identifying	Climate Adaptation in Vancouver;
organization identifies, assesses,	and assessing climate-related risks.	2019-2022 Capital Plan, p4, 7, 15
and manages climate-related risks.	<ul> <li>b) Describe the organization's processes for managing climate-related risks.</li> </ul>	Climate Risk in Vancouver
	c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	Climate Adaptation in Vancouver
Metrics and Target	s	
Disclose the metrics	a) Disclose the metrics used by the organization to	Vancouver's Climate Metrics and
and targets used to assess and manage	assess climate-related risks and opportunities in line with its strategy and risk management process.	Targets
relevant climate- related risks and	b) Disclose Scope 1, Scope 2, and, if appropriate,	Vancouver's Climate Metrics and
opportunities where such information is	Scope 3 greenhouse gas (GHG) emissions, and the related risks.	<u>Targets</u>
material.	<ul> <li>c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.</li> </ul>	Vancouver's Climate Metrics and Targets

#### **Developments in TCFD Reporting**

In early 2020, CPA Canada published <u>Enhancing Climate-related Disclosure by Cities</u>, an overview of how cities can benefit from alignment with the TCFD recommendations, and a guide for implementation. Vancouver provided input and direction as part of a working group of Canadian cities and supporting organizations. The CPA TCFD Guide can be scaled more broadly across the Canadian municipal landscape and potentially serve as a resource to other cities globally.

Contained in the *CPA TCFD Guide* is a Maturity Assessment Framework to help cities self-assess their alignment with the TCFD recommendations. The framework is divided into three phases with characteristics that typify progress. Vancouver self-assessed its 2019 disclosure using a qualitative checklist approach: either aligned with a characteristic, making progress towards alignment, or will take future action towards alignment. Figure 1 below shows where Vancouver is substantially aligned. Overall, Vancouver considers itself largely aligned with a Phase 1 reporting city, with progress made towards Phases 2 and 3.



#### Figure 1 – Maturity Assessment of Vancouver's 2019 TCFD Disclosure

#### Vancouver's Climate Strategies and Governance

#### **Risk Governance**

The City of Vancouver considers risk management to be fundamental to good management practice and a significant aspect of governance, and climate change is a top risk to the city. The Chief Risk Officer leads the Enterprise Risk Management (ERM) program under direction of the Risk Management Committee. This committee oversees risk governance and the general risk framework.

The Chief Risk Officer is responsible for ensuring that the ERM process, tools and reporting meets the needs of the Risk Management Committee, and that the program provides sufficient processes and reporting to adequately manage the risks of the City. Department General Managers (GMs) are responsible for ensuring that appropriate risk management practices are in place and operating effectively for their area of responsibility. The GMs retain the ultimate responsibility for the effective management of risks in their departments, which includes identifying, treating, and reporting risks in their areas of responsibility following the ERM process and timeline. The Risk Management Committee sets limits within which risk should be managed.

#### Improving Climate-Risk Management and Disclosure

Several Enabling Actions within the *Climate Change Adaptation Strategy (2018)* focus on mainstreaming climate-related disclosure and risk considerations into City processes (see *Climate Adaptation in Vancouver* section):

E.1 Begin incorporating climate-related financial disclosure in City financial planning in 2019. Work with partners like the City of Toronto and CPA Canada in their TCFD Guidance for Cities project.

E.2 After several years of climate-related financial disclosure, explore adding a specific climate assessment to large capital plan projects.

E.3 Incorporate a scan of major projects against hazard and risk mapping to identify where staff risk experts should be involved early in the project.

E.4 Add climate change considerations to the Sustainability addendum of the Engineering Asset Management framework.

E.5 Support application of the Envision climate-risk section to the two Envision pilot projects, and propose any improvements to the scope/deployment of Envision.

E.6 Add climate projections and information to multihazards risk assessment in the new Engineering Asset Management framework. The City's ERM Group identified climate change as a top risk to the community and the organization. The inclusion of climate change in our enterprise risk process provides a basis for further discussing and identifying the impacts of climate risk on our operations and services provided to the public. Potential climate-related risks and hazards present our city with threats to health and safety, to assets and infrastructure, and to the economy that must be addressed. The City's Sustainability Group works with City Corporate functions and departments to develop, coordinate and maintain the *Climate Change Adaptation Strategy* (2018), our enterprise strategy addressing climate, including a set of priorities, supporting actions and several focus areas.

#### Integration into Overall Risk Management

The City of Vancouver also has a Chief Resilience Officer responsible for implementation of the City's *Resilient Vancouver Strategy*. An objective within the strategy is to strengthen organizational capacity to manage risk and recover from shocks and stresses. An effort is underway to develop governance that brings together shocks and stresses related to climate, earthquakes and other natural hazards.

#### Integration into Financial Planning

The City's current capital planning framework includes sustainability and resilience as core elements to guide capital investments and assist with prioritization. The work to create and integrate overarching frameworks with respect to resilience, sustainability and capital planning and asset management is well underway and will continue over several years. While these frameworks have brought greater awareness in this round of capital planning, it is anticipated that they will help inform and prioritize the next round of capital planning in 2022 in a more holistic and meaningful way.

#### **Climate Action Strategies**

Climate action at the City of Vancouver falls into two broad categories.

- Climate change mitigation relates to the reduction of greenhouse gas (GHG) emissions. The 2018 Intergovernmental Panel on Climate Change (IPCC) Special Report reaffirmed that global GHG emissions must be cut by 45% by 2030 if we are to avoid global warming above 1.5°C, which would have widespread and unforeseeable impacts.
- Climate change adaptation relates to preparing City operations and the community to the impacts of climate change. Due to GHGs already emitted into the atmosphere from human activity, some level of climate impact is already lockedin, and temperature changes have already been observed.

City Council-approved climate strategies and implementation plans for Vancouver are listed in Table 2. Implementation updates are given regularly to senior management through steering committees. Departments across the City are responsible for implementation of actions. Progress against targets and/or plan implementation is reported out annually or at stated intervals.

#### Table 2 – City Strategy-Level Governance

Stratomy	Covernance
Strategy	Governance
Climate Change Adaptation Strategy (2018) One of the first of its kind in Canada, the Climate	The <i>Climate Change Adaptation Strategy</i> was approved by Council in July 2012 and updated in December 2018.
<i>Change Adaptation Strategy</i> contains core actions in five core areas, and enabling actions to help integrate an adaptation lens as standard practice into all City work.	The Adaptation/Sea Level Rise Steering Committee provides oversight to implementation. This committee comprises senior managers, many of whom are also in the Corporate Leadership Team.
	Progress is tracked by the Sustainability Department and reported to Council through the annual GCAP Update process. Executive reports are also prepared as required. The Adaptation Strategy is updated and re-approved by Council every five years, which includes updating climate information, reviewing the status of adaptation actions, and identifying new or revised actions.
<u>Climate Emergency Response</u> In January 2019, City Council unanimously approved a motion recognizing the climate emergency facing the planet and asked staff for	The <i>Climate Emergency Response</i> was approved by Council in April 2019. The CER brought forward six big moves and 53 accelerated actions. Public engagement is underway on the major action areas with reporting back to Council scheduled for October 2020.
action recommendations in line with efforts to limit global warming to 1.5°C. The <i>Climate Emergency Response</i> effectively supersedes the previous Renewable City Action Plan (2017), adopting the same goals of deriving	The Climate Emergency Directors Forum provides oversight at a working level. Because the <i>Climate Emergency Response</i> is considered an "action while planning" within the ongoing Vancouver Plan process, the Vancouver Plan Steering Committee provides oversight at a programmatic level.
100% of energy used in Vancouver from renewable sources before 2050. It expands the 2050 target, by committing to achieving carbon neutrality in our community-wide greenhouse gas emissions before 2050. The <i>Climate</i> <i>Emergency Response</i> will also extend the carbon-mitigation actions contained with the Climate and Renewables goal area of the <i>Greenest City Action Plan</i> .	Progress is tracked by the Sustainability Department and will be reported to Council on a regular basis to be determined. Executive reports are also prepared as required.
Greenest City Action Plan	The Greenest City Action Plan was approved by Council in 2011.
The Greenest City Action Plan is the City's main urban environmental sustainability strategy, outlining 10 goal areas and associated targets	The Greenest City Action Plan Steering Committee provides oversight for implementation. This committee comprises department and division-level managers.
focussed on achieving zero carbon, zero waste, and maintaining healthy ecosystems.	The goals and targets are managed by various departments in the City. Progress on the actions is tracked by the Sustainability Department and reported to Council through an annual Update process. Executive reports are also prepared as required.
Resilient Vancouver Strategy The Resilient Vancouver Strategy builds City capacity to understand and proactively address current and future shocks and stresses, with a focus on earthquakes. It leverages global and local knowledge to build the resilience of organizational community and infractructure	The City's Chief Resilience Officer manages the Resilient Vancouver Strategy, approved in 2019. This position reports to the Deputy City Manager and the Resilient Vancouver Steering Committee.

organizational, community, and infrastructure systems, and works in unison with the *Climate Change Adaptation Strategy* to build resilience to priority shocks and stresses in Vancouver.

#### **Climate Risk in Vancouver**

#### Vancouver's Climate Risk Assessment

Through two separate rounds of climate adaptation planning in 2011 and 2018, staff from across the organization were engaged in prioritizing climaterelated hazards and impacts for action, by identifying where systems and service-delivery areas were the most vulnerable, and where the greatest risk (likelihood of impact and magnitude of consequences) lay. Table 3 below summarizes the city's impacted areas in a future of more extreme events generally: hotter, drier summers; warmer, wetter winters; and sea level rise. Climate Change Adaptation Strategy priorities include addressing rainfall-related flooding and sea level rise flooding and inundation, and heat-related impacts to health, buildings and natural assets.

Climate-related hazards will be considered further through a hazard, risk and vulnerability assessment (HRVA) completed during 2020. The HRVA will consider current and future risks of climate-related, human-caused, and other natural hazards.

In July 2019, the Province published the <u>Preliminary</u> <u>Strategic Climate Risk Assessment for B.C.</u> Vancouver's climate change risk assessment mirrors the process recommended in the Provincial methodology. The Provincial assessment lists water supply shortages, health related impacts from heat and wildfires among the top risks.

#### **Coastal Flood Risk Assessment**

As an example of the risk assessment approach taken, a Coastal Flood Risk Assessment (CFRA) was completed in three phases between 2012 and 2018. This assessment took a fulsome, rigorous look at current and future flood risk given sea level rise around the coastline. Five scenarios were used varying in timeline, amount of sea level rise and severity of storm. This information highlighted the importance of planning now for sea level rise and of prioritizing our efforts, such that critical infrastructure and vulnerable populations are protected first.

CFRA Phase I confirmed that Vancouver is most vulnerable to flooding caused by the combined effect of a coastal storm surge and a king tide (exceptionally high tides that typically occur in December and January) rather than river-related flooding caused by spring run-off. In addition to mapping the areas vulnerable to flooding, Phase I also identified the community assets, infrastructure and buildings at risk to flooding over time.

With one metre of sea level rise and a major storm surge event (0.2% Annual Exceedance Probability storm surge event), approximately 13 sq. km of land and buildings valued at \$7B (2013 land value assessment) are vulnerable to flooding in Vancouver. Included in this is City infrastructure such as waterfront parks and seawalls, as well as a number of the City's facilities currently located in low-lying areas. These are at risk of flooding (e.g., City service yards located in by the Fraser River and in the False Creek Flats). To protect vulnerable areas it is estimated that approximately \$1 billion of flood management infrastructure will be needed in Vancouver by 2100.

#### Table 3 – Examples of Projected Climate Impacts to Vancouver

Impacted Area	Impacts	Timeframe	Impacted assets/services
Human Systems (Community)	Increased health and safety risks for frontline communities including those in lower quality housing, homeless population and seniors	Short- to medium-term	Public health; emergency management
	Increases in private property sewer back-ups in combined sewer areas due to high rainfall volume in sewer system and increased costs for response actions and clean-up after heavy rain events	Short-term	Residential, commercial, industrial, institutional premises; water supply and sanitation; public health

Impacted Area	Impacts	Timeframe	Impacted assets/services
Human Systems (Community) – continued	Water supply shortages felt in late summer due to a decreased spring snow pack and higher summer temps could result in increased costs for water and imperative conservation measures	Medium-term	Water supply and sanitation; public health
Natural Systems	Increase in impacts to urban forests, green spaces and trees from temperature extremes and wind storms resulting in increased maintenance and replacement costs and changes to aesthetics and use	Medium-term	Public health, urban forest and biodiversity
Built Environment (Buildings and Infrastructure)	New and existing buildings may be maladapted as the climate changes in terms of thermal comfort, water ingress, wind durability, rain and snow loads and require additional investment or early retirement	Short- to medium-term	Residential, commercial, institutional premises; public health; emergency management; transportation
	Increase in landslide risk affecting public infrastructure and private property	Medium-term	Emergency management; residential, commercial, industrial, institutional premises; transport
	Increased volume of third-party liability claims against the city from major rain events	Medium-term	Public and private assets; water supply and sanitation; public health

#### Table 3 – Examples of Projected Climate Impacts to Vancouver - Continued

#### **Scenario Analysis**

Inputs to the processes were climate projections for the 2050s and 2080s from downscaled Global Climate Models (GCM). The most recent process relied on 2016 climate data from an ensemble of 12 GCMs using the IPCC RCP8.5 scenario. On the recommendation of climate scientists at the University of Victoria, the RCP8.5 scenario was employed to ensure the City was considering the scenario that best tracks current action globally on reducing emissions. The RCP8.5 scenario for the 2050s is similar to the RCP4.5 scenario for the 2070s, helping us cover planning for several scenarios. In planning for climate change, using this scenario means that, at worst, the City will be prepared ahead of time. Scenario analysis was also employed more specifically in the Coastal Flood Risk Assessment. A technical advisory team of academics, practitioners in the field and stakeholders advised on five scenarios to use for flood hazard mapping. The scenarios differ in terms of the year flooding is mapped for, the severity of storm and the amount of sea level rise. Having five scenarios helps understand the varying levels of risk possible.

#### Extreme Rainfall Events

One identified impact of warmer, wetter winters in Vancouver is increased surface water flooding, caused by ponding of rainfall in low-lying areas or by heavy rainfall overcoming the capacity of drainage systems.

An extreme rainfall event, combined with high tide conditions and design/operational factors, resulted in a flooding event at the False Creek Energy Centre on October 28, 2018. This neighbourhood energy system provides heat and hot water to over 5.7M square feet of residential, commercial, and institutional floor area in the Southeast False Creek area. This led to a prolonged outage of the low-carbon sewage heat recovery system for repair. Immediate mitigations to prevent another flooding event have been made, design upgrades of the facility are being implemented, and a study assessing flooding risk and additional resiliency measures is currently underway.

A rainfall event on September 9, 2019 was a reminder of the unpredictability of rainfall events with climate change. A very intense, localized storm flooded sections of Gastown. The rainfall event registered as a 1:100 year event and coincided with high tide. This event is projected to become more common with climate change, becoming a 1:50 year event by 2050 and a 1:25 year event by the end of the century.

#### **Climate Adaptation in Vancouver**

#### **Climate Change Adaptation Strategy**

The *Climate Change Adaptation Strategy (2018)* contains two types of actions, on a five to ten year timeframe. Senior managers reviewed outcomes of the planning exercises and supported finalization of the Strategy.

#### **Core Actions**

#### **Enabling Actions**

84 actions address the impacts prioritized through the vulnerability and risk assessment, seeking to achieve the functions laid out in the inner ring of the diagram at right. Actions have been prioritized. 17 actions support integrating a climate lens into City processes, achieving the functions in the outer ring of the diagram. The enabling actions facilitate creating and integration of overarching risk management frameworks with respect to resilience, sustainability, capital planning, and asset management.

Core actions are grouped into five action areas, summarized in Table 4 below.

#### Table 4 – Adaptation Core Actions and Focus

Action Area	Focus
Climate Robust Infrastructure	<ul> <li>Improve understanding and integrate management of water flow in the city (Rain City Strategy and Integrated Utility Management Planning)</li> <li>Increase use of green infrastructure where appropriate</li> <li>"Fit for purpose" approach to water end use</li> <li>Consider interconnected and cascading impacts to critical infrastructure</li> </ul>
Climate Resilient Buildings	<ul> <li>"Future-proofing" the building stock</li> <li>New: Building requirements and design options to improve climate resilience</li> <li>Existing: Deep Retrofit Strategy (in development) supports co-benefits to enhance resilience</li> <li>Thermal comfort in hotter summers</li> </ul>
Connected and Prepared Communities	<ul> <li>Health and safety during heat waves in non-market housing and surrounding neighbourhoods</li> <li>Address wildfire smoke events</li> <li>Support continuation and scaling- up of community resilience-building programs</li> </ul>
Coastal Preparedness	<ul> <li>Floodplain development regulations and guidelines</li> <li>Engagement and design competition</li> <li>Conceptual design for adaptation approaches for the Fraser River</li> <li>Study of Climate change impacts to waterfront parks and open spaces</li> </ul>
Healthy and Vigorous Natural Assets	<ul> <li>Support implementation of the Urban Forest Strategy actions for climate change</li> <li>Move urban forest maintenance from a reactive to a proactive standard of excellence</li> <li>Soil preservation</li> <li>Water quality</li> </ul>



Table 5 shows the progress made towards implementing the Climate Adaption actions. For more detail, see the *Climate Change Adaptation Strategy (2018).* 

#### Table 5 – Adaptation Core Actions and Focus

		Action Status		
	Completed	In Progress	Future Action	Total Actions
Or we Arthur a				
Core Actions				
Climate Robust Infrastructure	1	12	5	18
Climate Resilient Buildings	3	7	8	18
Connected and Prepared	4	10	4	18
Communities				
Coastal Preparedness	1	10	6	17
Healthy and Vigorous Natural Assets	0	7	6	13
	9	46	29	84
Enabling Actions				
	4	6	7	17
Total	13	52	36	101
% Actions Completed	13%	51%	36%	100%

#### City Budget 2020

In the Vancouver Budget 2020 and Five-Year Financial *Plan*, the City outlined its investments for accelerating action on climate change, one of four priorities adopted by Council to assist staff in making decisions about which projects, initiatives and service improvements will most advance our work to address our city's key issues. City Budget 2020 climate change investments (Table 6) include existing and ongoing activities, new operational activities and capital infrastructure.

## Table 6 – City Budget 2020 climate change investments

Climate Change Investments	Investments \$M
Operational Activities	
Existing	\$ 42.0
New	6.0
	48.0
Capital Activities	
Policy and Analysis	6.5
Electric Vehicle	8.0
Infrastructure	
Parks Infrastructure	9.1
Transportation	23.0
Infrastructure	
Grants and Programs	4.3
	50.9
Total	\$ 98.9

#### Vancouver's Climate Metrics and Targets

Vancouver was one of the first cities in the world to recognize the significance of climate change. In 1990, the ground-breaking Clouds of Change Task Force recommended that Vancouver begin to reduce its greenhouse gas emissions. The 2018 Intergovernmental Panel on Climate Change (IPCC) *Special Report* reaffirmed that global carbon emissions must be cut dramatically by 45% by 2030 if we are to avoid global warming above 1.5°C, which would have widespread and unforeseeable impacts. Thus, mitigating climate change through emissions reductions plays a vital role in keeping risk levels within predictable scales, therefore managing the amount we potentially have to adapt.

#### Preparing for future summers

Long-term planning is underway for the new summer normals in Vancouver. The City has partnered with BC Housing and BC Non-Profit Housing Association to develop webinars on preparing for heat. Urban heat island mapping and mitigation is underway to inform tree planting and green infrastructure initiatives. The Vancouver Emergency Management Agency is revising personal preparedness messaging to include climate-related hazards such as extreme heat. Clean air shelters were ready to open for summer 2019 and will continue in future summers to come.

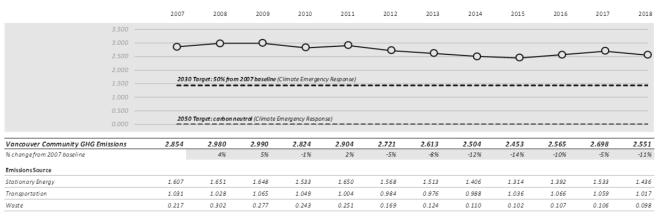
#### **Actions Progress and Monitoring**

Progress monitoring of the *Climate Change Adaptation Strategy (2018)* is underway with regular updates to the Adaptation Steering Committee. All the actions have timelines for completion: of those due for completion by December 31, 2020, 75% are currently underway or completed (per Table 5 above).

#### **Community GHG Emissions**

The City compiles annual inventories of community GHG emissions. Below are Vancouver's emissions as measured according to the *Global Protocol for Community-Scale Greenhouse Gas* Emission Inventories (GPC), a globally recognized GHG accounting and reporting standard that ensures consistent and transparent measurement and reporting of GHG emissions between cities<sup>1</sup>. As of 2018 (the latest year data are available), Vancouver's greenhouse gas emissions have decreased 11 percent from 2007 levels, while population has grown 10 percent and the number of jobs has increased 13 percent.

VANCOUVER COMMUNITY GREENHOUSE GAS EMISSIONS million tonnes CO 2 e



GHG emissions inventory compiled according to the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC), "BASIC"

#### **Adaptation-Specific Metrics and Indicators**

While the City's climate change mitigation efforts have a robust measurement and reporting framework<sup>2</sup>, measurement of adaptation work is a nascent discipline still under development. Complications arise due to the long time-horizons involved in adaptation outcomes; the prioritization and selection of process, outcome, and contextual indicators; and appropriate methods for quantifying counterfactual indicators (i.e., avoided climate impacts due to adaptation interventions).

One action within the *Climate Change Adaptation Strategy* (2018) is to finalize measurement indicators, pending completion of related City of Vancouver plans and strategies under development at this time (e.g., Vancouver Plan, Rain City Strategy). Also included within the *Adaptation Strategy* are Enabling Action indicators looking at the mainstreaming of climate change considerations in to City operations, decisions, and investments, as well as explanatory metrics that monitor the rate of climate change and its impacts on Vancouver (see Table 7). Regular reporting against these metrics is in development. For the preliminary Measurement Indicators and for more information, see the full *Climate Change Adaptation Strategy* (2018).

	# of Heat Warnings	Days Under Air Quality Advisory¹
2014	0	1
2015	0	8
2016	0	0
2017	1	18
2018	4	22
Source	Environment Canada	Metro Vancouver

Table 7 – Recent Heat Warnings and Air

Quality Advisorias

<sup>&</sup>lt;sup>1</sup> Note the GHG emission figures reported here do not align with figures published in the annual Greenest City Implementation Update, which are compiled to the *International Local Government Greenhouse Gas Emissions Analysis Protocol* (community section) published by ICLEI in 2009. This protocol has since been superseded by the GPC, but the City will continue to report on both inventories until at least 2021.

<sup>&</sup>lt;sup>2</sup> Current and past Greenest City Implementation Updates contain additional mitigation metrics, and are available at https://vancouver.ca/green-vancouver/greenest-city-action-plan-development.aspx.

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SUPPLEMENTARY FINANCIAL INFORMATION

## UNAUDITED

FIVE YEAR - CONSOLIDATED STATEMENT OF FINANCIAL POSITION (Tabular amounts in \$000s) Years Ended December 31

		2019		2018		2017		2016		2015
FINANCIAL ASSETS										
Cash and cash equivalents	θ	385,645	θ	320,400	Ф	184,694	Ф	246, 126	Ф	212,140
Temporary investments		2,262,090		2,060,045		1,900,806		1,778,553		1,644,172
Accounts receivables		265,411		281,310		209,907		113,053		115,720
South East False Creek development receivable		ı		ı						5,337
Lease agreement receivable		2,161		8, 293		13,861		18,917		23,509
		2,915,307		2,670,048		2,309,268		2, 156, 649		2,000,878
LIABILITIES										
Accounts payable and accrued liabilities		424,001		378,175		388,638		355,310		304,840
Deferred liabilities		164,979		164,272		168,824		173,334		166,933
Mortgages and loan agreement		15,229		21,625		30,408		39,599		44,486
Debt		1,081,103		1,083,202		993,440		1,033,674		943,905
Deferred revenue		580,228		525,820		476,049		475,728		467,454
		2,265,540		2,173,094		2,057,359		2,077,645		1,927,618
NET FINANCIAL ASSETS		649,767		496,954		251,909		79,004		73,260
NON-FINANCIAL ASSETS										
Inventory and prepaids		24,306		24,539		28,713		26,549		21,794
Tangible capital assets		7,234,799		7,086,656		6,935,837		6, 758, 888		6,453,934
		7,259,105		7,111,195		6,964,550		6, 785, 437		6,475,728
ACCUMULATED SURPLUS	\$	7,908,872	÷	7,608,149	÷	7,216,459	φ	6,864,441	φ	6,548,988
	÷	1,300,01 F	÷	0000	÷	0,10,100	÷	5	++	"

FIVE YEAR - CONSOLIDATED STATEMENT OF OPERATIONS (Tabular amounts in \$000s) Years Ended December 31

		2019		2018	N	201/		2016		2015
REVENUES										
Property taxes, penalties and interest	θ	873,498	θ	833,414	θ	753, 152	θ	720,850	θ	699, 838
Utility fees		299,411		277,143		260, 786		242,778		231,211
Program fees		127,059		123,888		116,664		111,256		107,378
License and development fees		95,910		94,828		74,458		73,710		65,490
Parking		102,906		98,063		93,010		86,802		83,981
Cost recoveries, grants and donations		172,233		152,553		123,441		94,324		103,549
Revenue sharing		20,970		22,489		21,918		22,873		23, 798
Investment income		49,070		37,681		28,497		28,422		28, 795
Rental, lease and other		77,989		66,813		69,567		62,853		72,945
Bylaw fines		22,152		22,352		20,490		20,374		17,109
Developer contributions		132,695		256,763		331,587		231,043		124,331
Gain (loss) on sale of tangible capital assets		(7,057)		(7,094)		(6,973)		54,119		25,105
Gain on sale of Southeast False Creek assets								5,610		
		1,966,836		1,978,893		1,886,597		1,755,014		1,583,530
EXPENSES										
Utilities		320,907		300,504		277,607		264,002		254,867
General Government		178,088		175,712		175,071		172,881		148, 746
Police Protection		340, 780		324,602		314,348		297,778		286, 134
Fire Protection		140,368		136,046		131,425		119,530		113,357
Engineering		226,529		212,454		222,415		197,484		185,863
Planning and development		67,614		59,805		55,089		47,521		35, 151
Parks and recreation		222,470		206,028		198,810		187,424		185,110
Community and cultural services		110,860		116,947		106,051		101,539		103,020
Library		58,497		55,105		53, 763		51,402		51,029
		1,666,113		1,587,203		1,534,579		1,439,561		1,363,277
ANNUAL SURPLUS	\$	300,723	ω	391,690	\$	352,018	φ	315,453	φ	220,253

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FIVE YEAR – RESEF	Years Ended Decem

		2019		2018	2017	2		2016		2015
Financial Stabilization										
Deferred Payroll Obligation	θ	54,974	θ	54,974	⇔	54,974	θ	54,974	θ	54,974
General Revenue Stabilization		146,253		121,754		84,443		79,593		76,233
Solid Waste Capital		70,689		64,863		76,576		89,261		85,279
Utility Rate Stabilization		20,472		17,578		17,270		8,306		6,601
		292,388		259,169		233,263		232,134		223,087
Asset Management										
Golf Course and Artificial Turf		4,316		5,148		5,045		4,914		5,803
Plant and Equipment		50,177		53,936		50,542		46,644		76,010
Streets Capital Maintenance		19,047		16,526		15,855		17,778		16, 792
		73,540		75,610		71,442		69,336		98,605
Future Capital										
Affordable Housing		162,871		123, 733		73,109		59,916		40,226
Capital Facilities and Infrastructure		87,870		75,283		54,147		41,761		58,847
Community Amenities		435,586		415,252	(7)	342,390		210,650		185,820
Parking Sites		44,818		41,971		36,848		39,196		33, 797
Pedestrian and Cycling		6,816		6,619		6,544		9,202		10,307
		737,961		662,858	ι Ω	513,038		360,725		328,997
Special Revenue and Programs										
Childcare Endowment		18,588		19,034		19,476		19,787		19,311
Community Amenity Operations		7,293		7,630		7,602		7,658		7,625
Donations		14,831		14,055		13,273		12,719		12,021
Emerging Neighbourhood		10,000		10,000		10,000		10,000		10,000
Insurance		28,381		25,401		28,069		29,072		30,616
Outstanding Commitments		26,523		22,078		19,842		26,713		19,053
Public Art		16,106		14,693		13,329		10,588		9,544
Social and Cultural		25,630		24,756		22,417		21,621		21,107
Other		11,110		9,976		13,980		4,579		4,576
		158,462		147,623	-	147,988		142,737		133,853
Future Debt Repayment	θ	22,215	θ	32,177		29,530		39,449		40,299
	\$	1,284,566	θ	1,177,437	\$	995,261	θ	844,381	θ	824,841

#### REVENUE FUND – SCHEDULE OF FINANCIAL ACTIVITIES (Tabular amounts in \$000s) Year Ended December 31, 2019

	 2019 Budget	 2019	 2018
REVENUES			
Property taxes, penalties and interest	\$ 831,522	\$ 873,498	\$ 833,414
Utility fees	302,042	299,624	276,804
Programs fees	62,583	68,203	69,808
License and development fees	90,097	95,897	94,828
Parking	74,727	73,577	69,583
Cost recoveries, grants and donations	59,800	82,279	78,322
Revenue sharing	19,150	20,970	22,489
Investment income	12,825	22,765	16,973
Rental, lease and other	39,299	45,722	40,240
Bylaw fines	21,429	22,152	22,351
	1,513,474	1,604,687	1,524,812
EXPENDITURES			
Utilities	256,391	255,978	242,141
General government	153,249	121,374	122,551
Police protection	322,106	330,135	314,331
Fire protection	131,270	134,337	128,360
Engineering	101,578	110,295	101,852
Planning and development	67,997	66,046	58,420
Parks and recreation	130,255	135,625	127,681
Community and cultural services	91,449	97,030	92,490
Library	54,329	51,277	48,509
	1,308,624	1,302,097	1,236,335
ANNUAL SURPLUS	 204,850	 302,590	 288,477
DEBT, TRANSFERS AND OTHER			
Debt principal repayments Transfers	(907)	(1,404)	(1,066)
Net transfers to other funds	(222,906)	(243,054)	(205,239)
Net transfers to reserves	18,963	(58,915)	(76,387)
Change in obligations to be funded from			
Future revenue	-	783	(5,785)
	(204,850)	 (302,590)	 (288,477)
CHANGE IN FUND BALANCE	-	-	-
FUND BALANCE			
Beginning of year	26,239	26,239	26,239
Change in year	 -	 -	 -
End of year	\$ 26,239	\$ 26,239	\$ 26,239

#### REVENUE FUND – FEES AND RECOVERIES (Tabular amounts in \$000s) Year Ended December 31, 2019

	E	2019 Budget		2019		2018
Program fees						
Parks and recreation Community and cultural services	\$	40,412 17,884	\$	43,344 18,965	\$	45,224 18,537
Library		1,246		1,332		1,335
Police		1,854		2,531		2,926
Fire		735		949		838
Other		452		1,082		948
	\$	62,583	\$	68,203	\$	69,808
License and development fees						
License fees	\$	20,740	\$	20,405	\$	21,115
Engineering fees		11,414		11,809		12,700
Trade permits		13,823		17,862		17,314
Development and building permits		37,028		38,862		36,707
Rezoning fees		5,592		5,432		4,492
Other fees	\$	1,500 90,097	¢	1,527	\$	2,500
	φ	90,097	\$	95,897	Φ	94,828
Parking						
On street parking	\$	64,412	\$	58,890	\$	55,741
Parks		8,231		10,279		9,784
Civic Theatre		952		1,055		901
Other	\$	1,132 74,727	\$	3,353 73,577	\$	3,157 69,583
Cost recoveries, grants & donations	Ψ 	14,121	Ψ	10,011	Ψ	
-	¢	00 700	٠	00 10 1	¢	00,400
Police Fire	\$	20,706 8,654	\$	28,194 11,421	\$	26,433 9,817
General government		8,004 8,328		11,421		9,817 10,819
Parks and recreation		6,8 <u>2</u> 6 5,176		5,576		5,391
Community and cultural services		4,883		7,098		5,709
Engineering services		6,849		7,070		9,430
Library		2,488		3,856		5,879
Planning and development		1,920		4,158		3,726
Utilities		796		3,475		1,118
	\$	59,800	\$	82,279	\$	78,322
Rental, lease and other						
Property rentals and leases		25,054		26,805		25,506
Street use		1,315		1,316		1,732
False alarm reduction program		1,000		1,023		1,034
Other	¢	11,930	\$	16,578	\$	11,968
	\$	39,299	Φ	45,722	Φ	40,240

#### PROPERTY ENDOWMENT FUND – STATEMENT OF OPERATIONS (Tabular amounts in \$000s) Year Ended December 31, 2019

	2019	2018
OPERATIONS		
Rental and leases		
Revenue	\$ 29,249	\$ 29,687
Expenses	 15,025	14,767
	 14,224	 14,920
Parking		
Revenue	27,146	26,262
Expenses	 21,387	 21,781
	 5,759	4,481
Water moorage		
Revenue	1,512	1,448
Expenses	916	697
	 596	 751
NET REVENUES FROM OPERATIONS	20,579	20,152
Other Revenue		
Other income	4,771	761
Investment Income	2,310	1,715
Gain in sale of tangible capital assets	2,392	5,797
	 9,473	 8,273
Administration and operating	 6,237	 6,456
NET REVENUES	\$ 23,815	\$ 21,969

	 2019	2018		2017	2016	2015
Property Assessment (\$000s)						
Rateable property general purposes	\$ 478,299,759 \$	466,900,439	\$ 4	428,738,649	\$ 328,408,856	\$ 278,828,308
Tax Rates – Rate per \$1,000 of Assessment						
Residential - Class 1						
Municipal purposes	1.33572	1.24393		1.26093	1.56168	1.77001
Education	0.91773	0.92146		0.98007	1.20852	1.33008
Other taxing authorities	 0.30771	0.30287		0.31389	0.39547	0.43526
Total Residential	 2.56116	2.46826		2.55489	3.16567	3.53535
Business/Other - Class 6						
Municipal purposes	4.27116	5.03019		5.79744	6.61254	7.34590
Education	3.94555	4.56143		5.21946	5.65811	5.98206
Other taxing authorities	1.11260	1.26257		1.42795	1.59241	1.71739
Total Business/Other	 9.32931	10.85419		12.44485	13.86306	15.04535
Major Industrial - Class 4						
Municipal purposes	30.39510	34.25325		34.51349	33.90142	33.68465
Education	3.70000	4.20000		4.80000	5.40000	5.80000
Other taxing authorities	2.18658	2.35169		2.51911	2.59751	2.69096
Total Major Industrial	36.28168	40.80494		41.83260	41.89893	42.17561
Light Industrial - Class 5						
Municipal purposes	4.27116	5.03019		5.79744	6.61254	7.34590
Education	4.74286	5.29083		6.16093	5.80074	6.22412
Other taxing authorities	1.59483	1.76900		2.04973	1.97773	2.10140
Total Light Industrial	 10.60885	12.09002		14.00810	14.39101	15.67142
Total Utilities - Class 2	40.36626	43.00812		44.93083	47.63946	50.51010
Total Supportive Housing - Class 3	 0.14184	0.14373		0.14276	0.15132	0.15480
Total Recreational/Non-Profit - Class 8	 3.86290	3.97858		4.21729	4.99627	5.45629
Total Farm – All Purposes - Class 9	8.84050	8.63580		8.55989	8.90097	9.13079
Property Tax Revenue by Property Class (%)						
Residential - Class 1	55.7	54.5		54.1	53.7	54.0
Business - Class 6	41.1	42.3		42.8	43.2	42.9
Major industrial - Class 4	1.0	1.0		1.0	1.0	1.0
Light industrial - Class 5	1.0	1.0		1.0	1.0	1.0
Other Utilities, Rec/Non-profit and Farm	1.1	1.1		1.1	1.0	1.0
Total	 100.0	100.0		100.0	 100.0	 100.0

#### FIVE-YEAR STATISTICAL REVIEW - DEBT (Tabular amounts in \$000s) Years Ended December 31

	 2019	 2018	 2017	 2016	 2015
Population *	685,885	672,963	656,164	653,046	646,937
Long Term Debt (\$000s)					
Debenture debt outstanding	\$ 1,083,368	\$ 1,086,101	\$ 997,109	\$ 1,038,303	\$ 949,455
Less: Internally held debt	 (2,265)	 (2,899)	 (3,669)	 (4,629)	 (5,550)
Externally held debt	1,081,103	1,083,202	993,440	1,033,674	943,905
Less: Sinking Fund reserves	 476,419	 494,182	 395,407	 417,878	 326,427
Net externally held debt	\$ 604,684	\$ 589,020	\$ 598,033	\$ 615,796	\$ 617,478
Gross Debt per capita (externally held)	\$ 1,576	\$ 1,610	\$ 1,514	\$ 1,583	\$ 1,459
Net Debt per capita (externally held)	\$ 882	\$ 875	\$ 911	\$ 943	\$ 954

\* Source: Population Section, B.C. Stats Ministry of Labour Citizens' Services, Government of British Columbia

#### Long Term Debt Continuity

	E	xternally	Inte	ernally	
		Held	ł	leld	 Total
Balance, beginning of year	\$	1,083,202	\$	2,899	\$ 1,086,101
Add: Debentures issued		100,000		-	100,000
Local improvements		-		26	26
		1,183,202		2,925	1,186,127
Add: Unamortized Premium		23,644		-	 23,644
Less: Maturities					
General and water		125,743		-	125,743
Local improvements		-		660	660
		125,743		660	126,403
Balance, end of year	\$	1,081,103	\$	2,265	\$ 1,083,368

	Вс	pital Plan prrowing uthority*	De	il-approved ebenture inding**	ls	bentures sued to d of 2019	Во	standing prrowing uthority
General								
2015-2018	\$	235,000	\$	231,428	\$	199,400	\$	32,028
2019-2022		300,000		68,705		-		68,705
		535,000		300,133		199,400		100,733
Sewer, Water and	NEU							
2015-2018		147,500		144,850		144,850		-
2019-2022		195,000		69,809		-		69,809
		342,500		214,659		144,850		69,809
Total General, Sev	wer, Water	and NEU						
2015-2018		382,500		376,278		344,250		32,028
2019-2022		495,000		138,514		-		138,514

OUTSTANDING BORROWING AUTHORITY AND SCHEDULE OF GENERAL DEBT (Tabular amounts in \$000s) Year Ended December 31, 2019

\* Borrowing authorities are established as part of the Capital Plan. General borrowing authorities for each Capital Plan are approved by the electors. Sewer, Water and NEU borrowing authorities are approved by Council.

514,792

\$

344,250

\$

170,542

\$

\*\* Debenture funding is approved by Council as part of Annual Budget.

\$

877,500

#### SCHEDULE OF GENERAL DEBT

Bylaw	Maturity Date & Purpose	Rate %	Term (Years)	 ebenture standing	king Fund rve Balance
10015	June 01, 2020	4.50%	10	\$ 125,000	\$ 110,033
10117	September 30, 2020 - 2030	1.71%	20	2,959	-
10393	December 02, 2021	3.45%	10	140,000	106,710
10565	October 18, 2052	3.70%	40	120,000	8,170
10797	October 24, 2023	3.75%	10	110,000	60,040
11080	October 16, 2024	3.05%	10	105,000	46,608
11362	November 20, 2025	2.90%	10	90,000	31,014
11673	December 15, 2026	2.70%	10	90,000	22,607
11941	November 03, 2027	2.85%	10	85,000	13,964
12203	September 21, 2028	3.10%	10	85,000	6,851
12307	November 20, 2020 - 2028	4.07%	10	4,500	-
12561	October 18, 2052	3.70%	33	 100,000	 -
				1,057,459	405,997
		Unamortize	d Premium	23,644	-
	Other Sink	ing Fund statuto	ry reserves	 -	 125
			Total	\$ 1,081,103	\$ 406,122

FUTURE PRINCIPAL AND INTEREST PAYMENTS ON DEBT (Tabular amounts in \$000s) Year Ended December 31, 2019

										Local Ir	Local Improvements		Total Ge	Total General, Waterworks	rks
		-	General			Ň	Vaterworks			Property	Property Owners' Share	¢.	and Loc	and Local Improvements	nts
	Principal		Interest	Total	Principal	ipal	Interest	Total	Prin	Principal Ir	nterest	Total	Principal	Interest	Total
2020	10	147	30,307	134,454	CV.	21,600	3,128	24,728		559	136	695	126,306	33,571	159,877
2021		118, 751	27,955	146,706	CV.	22,000	2,641	24,641		439	101	540	141,190	30,697	171,887
2022		755	23,861	24,616		ı	1,883	1,883		406	76	482	1,161	25,820	26,981
2023	6	17,760	23,836	121,596	-	13,000	1,883	14,883		292	52	344	111,052	25,771	136,823
2024	6	97,764	20,174	117,938		8,000	1,395	9,395		249	34	283	106,013	21,603	127,616
2025 - 2029	33	336, 424	61,873	398,297	-	16,966	4,379	21,345		285	42	327	353,675	66,294	419,969
Thereafter	20	202,292	171,906	374,198	-	18,000	15,318	33,318		35	4	39	220,327	187,228	407,555
	\$ 95	957,893 \$	359,912 \$	1,317,805	റ ഗ	99,566 \$	30,627 \$	130,193	θ	2,265 \$	445 \$	2,710	\$ 1,059,724 \$	390,984 \$	1,450,708

External Debt Only

			General		-	Waterworks		Total Ger	Total General & Waterworks	rworks
I	Å	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2020		104, 147	30,307	134,454	21,600	3,128	24,728	125,747	33,435	159,182
2021		118, 751	27,955	146,706	22,000	2,641	24,641	140,751	30,596	171,347
2022		755	23,861	24,616		1,883	1,883	755	25,744	26,499
2023		97,760	23,836	121,596	13,000	1,883	14,883	110,760	25,719	136,479
2024		97,764	20,174	117,938	8,000	1,395	9,395	105,764	21,569	127,333
2025 - 2028		336, 424	61,873	398,297	16,966	4,379	21,345	353,390	66,252	419,642
Thereafter		202, 292	171,906	374,198	18,000	15,318	33,318	220,292	187,224	407,516
. 1	ω	\$ 957,893 \$	359,912 \$	1,317,805	\$ 99,566	\$ 30,627 \$	130,193	\$ 1,057,459	\$ 390,539 \$	\$ 1,447,998

#### ANNUAL FINANCIAL REPORT 2019

Please refer to Supplementary Financial Information - Pages 49-51

Prepared in accordance with the Financial Information Regulation Schedule 1, Section 3

Please refer to Consolidated Financial Statements Note 12.

Prepared in accordance with the Financial Information Regulation Schedule 1, Section 5

## SCHEDULE OF

### **REMUNERATION AND EXPENSES**

- ◆ CITY OF VANCOUVER
- VANCOUVER BOARD OF PARKS AND RECREATION
- VANCOUVER POLICE BOARD

PREPARED IN ACCORDANCE WITH THE FINANCIAL INFORMATION REGULATION SCHEDULE 1, SECTION 6 (2), (3), (4), (5), (6), (7)

					Travel &	Discretionary
	Re	muneration	Lo	cal Expenses	Conferences	Expenses
Name		(1)		(2)	(3)	(4)
Stewart, K.	\$	177,116	\$	16,362	\$ 17,831	\$ 767,351
Bligh, R.		95,343		7,678	10,622	725
Boyle, C.		98,538		7,151	4,915	8,036
Carr, A.		92,148		6,723	677	9,034
De Genova, M.		95,343		9,048	2,677	25,000
Dominato, L.		95,343		6,424	5,031	2,295
Fry, P.		99,119		7,363	7,012	7,405
Hardwick, C.		101,733		7,185	3,916	9,601
Kirby-Yung, S.		97,957		7,695	5,363	791
Swanson, J.		88,954		5,486	1,693	19,097
Weibe, M.		101,883		9,476	5,234	12,480
	\$	1,143,477	\$	90,591	\$ 64,971	\$ 861,815

(1) Remuneration for Councillors includes:

- Deputy Mayor duties for Councillor(s) Kirby-Yung, Wiebe, De Genova, Hardwick, Fry, Boyle, Dominato, and Bligh
- Duty Councillor duties for Councillor(s) Carr, Kirby-Yung, Wiebe, Hardwick, Fry, Boyle, Dominato, and Bligh (2) Local Expenses include:
  - For Mayor, a transportation allowance of \$7,175
  - For Councillors maximum of 10% remuneration (includes option for taking 60% of the local expense limit as transportation allowance)
- (3) Travel and Conferences net of recoveries. Mayor's expenses include travel and conferences for political staff(4) Discretionary Expenses:
  - For Mayor as per By Law 11529, expenses are segregated by type
  - For Councillors maximum of \$30,000

Name	F	emuneration	 Expense	 Total
Barker, T.	\$	17,531	\$ -	\$ 17,531
Coupar, J.		17,531	-	17,531
Demers, D.		17,531	-	17,531
Dumont, C.		17,531	-	17,531
Giesbrecht, G.		17,531	-	17,531
Irwin, J.		17,531	-	17,531
Mackinnon, S.		21,912	 858	 22,770
Total	\$	127,098	\$ 858	\$ 127,956

Name	Re	emuneration	Expense	Total
Barnes, P.	\$	5,347	\$ 350	\$ 5,697
Dhahan, B.		4,307	1,006	5,313
John, W. *		1,194	-	1,194
Magee, Dr. S.		8,018	3,298	11,316
Marshall, C.		4,032	350	4,382
Tam, T.		5,245	2,739	7,984
Wong, Dr. P.		4,747	 -	 4,747
Total	\$	32,890	\$ 7,743	\$ 40,633

\*Term started July 2019

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Abdul Razack, M	\$ 96,852	\$ -	Armitage, C J	\$ 99,331	\$ -
Abello-Lee, A	90,686	-	Armstrong, T	101,528	-
Abrams, W S	142,270	2,430	Arroyo, R	91,725	-
Acevedo Calle, C	111,318	732	Arsenault, P G	97,732	-
Adam, A G	97,305	-	Arter, A G	86,164	-
Adam, E	77,379	-	Arthur, L	87,265	-
Adams, D	102,292	-	Assadipour, G	87,792	-
Adams, L	76,426	-	Assadizadeh, A	98,910	473
Adcock, J K	212,095	3,019	Astete, S	94,462	-
Adolph, C	108,783	263	Atchison, R A	105,334	-
Aeng, E	79,611	882	Atkinson, J	78,418	-
Afifi, P	89,653	-	Atwood, B	93,553	-
Afonso, G	90,074	105	Au, A	79,289	488
Agapescu, S	90,812	-	Au, M	133,389	990
Agnihotri, N	81,948	_	Au, N	106,399	-
Agosti, M A	76,281	-	Aube, W	103,041	483
-			,		
Aguilar, A M	172,167	3,086	Augustine, R W	130,932	-
Aguirre Puertolas, H	102,010	-	Aujla, K	227,024	6,505
Agyare-Manu, K	98,834	2,380	Austin, N	122,360	2,195
Ahlstrom, C B	83,424	-	Autiero, D	130,590	-
Ahmadi Diba, F A	77,194	3,234	Aver, R	105,219	-
Ahmed, Z	110,146	655	Aylett, S W	132,380	-
Ainsworth, J R	142,068	185	Ayres, E	80,310	-
Ainsworth, T A W	76,739	-	Azam, M A	79,104	-
Aitken, J	114,777	-	Azcoitia, J C	108,848	5,318
Ajayi, A	108,179	-	Azuelos, J	105,982	415
Alblas, A	111,395	-	Baas, C	129,763	47
Alger, M	107,705	1,829	Baber, C	152,185	851
Allard, B G	97,554	-	Babin, J	88,216	-
Amarkhanyan, A	84,913	110	Babineau, P B	94,888	-
Ambrosi, B P	75,615	-	Bachra, S	95,433	53
Amendolagine, V J	90,935	-	Backhouse, M	97,540	-
Amisano, F	89,541	-	Badelt, B	123,127	3,899
Anderson, G	89,747	-	Bahr, N	92,033	-
Anderson, J	87,194	650	Bai, J	76,725	-
Anderson, K P	129,913	1,811	Bailey, D A	83,983	-
Anderson, L	80,945	-	Bailey, D V F	76,391	-
Anderson, P	105,050	-	Bailey, J	120,873	1,586
Anderson, R	111,661	-	Baillie, M	89,544	558
Anderson, R S	82,311	-	Baker, M	115,211	-
Anderson, T	76,739	-	Baker, M	113,766	800
Andrews, G	95,269	-	Bakewell, G	123,493	381
Andrews, J	114,817	5,310	Balantzyan, B A	103,805	-
Anthony, C R	88,344	-	Baldwin, D	120,625	-
Anthony, J	81,424	-	Ballantyne, M T	113,555	-
Antoniazzi, R	104,415	16	Ballard, T J	122,160	150
Anwar, S	118,249	-	Balogh, Z E	93,626	131
Anzulovich, M M	134,569		Balson, J	92,073	101
		-	*		-
Anzulovich, N	83,194	-	Bancroft, D L	93,833	-
April, C R J	99,331	-	Bandiera, P	84,561	-
Aramini, G J	138,555	383	Bankiner, S	83,586	-
Araujo, R	110,847	-	Baptiste, C A	97,732	60
Araujo, S	152,264	-	Baras, D	97,732	-
Archibald, C	102,396	-	Baratta, P	77,144	-
Archide, D	80,264	-	Barber, D K	127,159	-
Archila Quiroa, D	94,352	473	Barber, M P	104,458	-
Areola, G	82,747	998	Barbir, L F	80,516	1,738
Argo, P	77,201	-	Barbosa, P	78,514	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Barbour, D D	151,654	-	Bernardi, E	106,738	-
Barker, S	123,657	-	Berrios, J	100,334	-
Barlow, B	81,643	-	Bersabal, D	87,509	-
Barnes, D	98,425	1,033	Bertuzzi, B R	153,222	-
Barnes, D W	83,397	-	Bethell, J T	127,147	-
Baron, D	98,098	363	Bevacqua, U	81,505	-
Barron, E	130,254	9,296	Beveridge, J	89,396	882
Bartlett, J	100,790	-	Bevilacqua, A	79,795	-
Bartlett, R	202,702	3,532	Bevilacqua, G	88,118	-
Barton, A	82,284	-	Bevilacqua, S	101,993	383
Barton, T	124,294	1,114	Beyer, C B	97,732	-
Barzen, S	102,389	-	Bhade, P	108,062	-
Basraon, I S	104,092	-	Bhathena, A A	77,792	-
Bassi, A	77,607	-	Bhatti, D	109,314	-
Bateman, J K	79,976	-	Bhokanandh, S	92,175	-
Batt, I	75,139	-	Bhullar, A S	110,567	-
Bauer, S M	127,927	306	Biagini, M N	115,371	272
Baumann, E	97,732	-	Bibby, J	92,450	
Baumert-Samson, M	122,637	-	Bibeau, C	95,256	-
Baxter, A	134,963	-	Bidese, L	97,732	60
Baxter, D	120,710	-	Bidrange, N	111,790	-
Baynham, C	83,214	-	Bidwell, M G	90,085	-
Bayntun, R	106,160	-	Bifolchi, R	107,691	_
Beatch, L	176,787	_	Bigelow, R	151,490	1,470
Beaulieu, L	92,298	-	Bigelow, S	86,676	376
Beck, B	122,609	473	Billing, J	183,137	3,086
Beck, K H	177,771	5,781	Biln, M	94,122	5,000
Bedry, R	85,666	15	Biln, P J	89,622	
Begg, A	104,661	-	Bining, H S	102,793	
Behler, K	109,211	65	Birdi, G	112,622	2,611
Behnam-Shabahang, A	93,756	-	Bishop, J A	111,830	873
Bekiaris, M	88,229	-	Bishop, S C	76,405	3,347
Belanger, L	153,257	473	Bjarnason, C	80,895	2,747
-			-		2,141
Belcher, M	78,352 121,668	-	Black, J C Black, S	92,787	-
Belczyk, A M	97,348	-	Black, S Blackburg	121,224 77,070	79
Bell, M Bell, M		-	Blackburn, J Blacker, J.N.	,	-
Bell, M	83,898	-	Blacker, J N	104,855	-
Bell, S	85,203		Blackmore, J	89,445	-
Belli, S Belliyee M.N.	113,898	-	Blagojevic, G	106,575	765
Belluce, M N Belehem I I	98,762	520	Blanco, J	77,820	-
Belsham, J J Bap David, S	83,730	-	Blay, H S Blaamfield, F	95,963	-
Ben David, S	107,588	1,045	Bloomfield, F	92,457	-
Bender, A S	79,193	-	Blount, J	118,436	-
Bennett, J Bennett K M	78,992	820	Blue, D	111,230	-
Bennett, K M	80,973	-	Blundell, B J	127,116	-
Bennett, Z	104,968	-	Blyth, D DB	81,670	-
Benson, C	120,515	3,167	Boaz, R A	109,912	205
Bentley, A M	90,635	500	Boddeveld, R	77,762	-
Benton, E	75,734	-	Bodnar, D A	106,650	-
Benvenuti, D	77,227	-	Bohorquez Valencia, J	90,340	-
Benvenuti, J	94,292	-	Bolan, S M	123,393	-
Berard, R	116,647	68	Boldt, J S	106,766	-
Berda, S D	124,101	-	Boleak, D	86,986	-
Berdahl, I L	79,212	-	Bonamis, I	88,726	2,225
Bergen, C	76,491	-	Bond, A	182,299	5,556
Bergen, J	98,432	-	Bone, P H	81,796	-
Berka, B G	121,407	-	Bonin, E	78,975	-
Bernard, C A	81,523	-	Bonner, R	97,732	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Boone, D E	153,906	8,009	Broz, A G	86,593	-
Boonyaprasop, M	92,926	998	Bruce, K	91,367	-
Bordignon, A P	82,722	-	Bruce, P	123,621	-
Bordignon, D A	87,476	-	Bruce, R J	118,164	-
Borger, R	116,724	-	Bruckmann, P M	77,992	-
Borges, C	87,044	80	Brunton, L	97,732	-
Born, E H	124,731	-	Brustolin, A	90,204	-
Borromeo, A	78,207	-	Bryant, J A	140,256	306
Borsa, J	107,706	-	Bryant, R W	154,424	6,492
Boruck, R A	109,890	-	Buckham, B	104,114	-
Bosnjak, J	92,895	-	Buckham, C	124,327	-
Botsis, N	75,167	-	Buckingham, T V	132,562	285
Bouchir, J V	98,688	-	Budau, R	89,727	-
Boullard, T	106,650	984	Buday, S	96,060	-
Bourdeaud'Huy, D	110,532	-	Buksa, K	108,886	-
Bourgeau, J	129,136	3,363	Bullock, M	99,015	458
Bourke, M T	116,375	208	Bunio, N	89,486	429
Bourne, T C	127,731		Bunz, D W	117,415	-
Bourgue, J	135,376	2,095	Buono, M	91,949	-
Bowling, B	94,908	919	Burden, R W	136,532	-
Bowling, J	86,415	-	Bureyko, M W	99,347	-
Bowyer, M	90,268	137	Buric, I	107,053	-
Boychuk, B A	127,715	-	Burke, D	96,516	2,074
Boyer, E J P	87,544	_	Burke, T	75,949	2,014
Bracewell, D	159,032	5,571	Burnett, B A	107,978	1,243
Brach, J S	111,611	-	Burnett, J	85,294	1,240
Bradford, K	83,454		Burpee, H E	117,907	
Brar, G	101,429	620	Burrero, A	146,319	1,182
Brascia, A	95,193	-	Burshtynski, C	94,271	1,102
Brasnett, T	110,086	-	Busch, Y K	82,968	
Bredin, M B	138,549	-	Butler, J	83,755	
Brennan, B	87,229	-	Butt, B	75,983	1,119
Brennan, G	86,345	-	Buttle, M	102,633	3,353
Breure, C J	118,490		Byma, W	108,509	5,555
Brideau, L D	107,706	864	Cabalfin, N P	108,532	1,910
Bridger, K R	126,989	135	Cadwallader, D J	116,417	1,910
Briscoe, L J	88,489	-	Cahill, K	127,358	4,170
			Cairns, J		1,468
Brisson, C Broadbaat	76,668	4,883		86,515	
Broadbent, I Broadziele C A	110,470	-	Calder, K	113,056	3,200
Brodziak, C A Bromberger, T J	122,900 102,581	- 816	Calderwood, S Call, B J	81,326 118,761	-
Bromley, M	296,762	2,220	Cameron, B	99,234	-
Brooks, L					-
	106,086	-	Cameron, R S	128,871	-
Brossard, J Brouillet N	102,921	1,264	Campbell, A	77,723	-
Brouillet, N Brouwer, M	88,560	209	Campbell, B	103,268	-
Brouwer, M	106,197	-	Campbell, B	83,389	-
Brown, A	110,293	-	Campbell, B D Campbell, D D	81,018	183
Brown, A	91,436	874	Campbell, D D Campbell, D R	112,754	131
Brown, D	95,795	-		98,493	-
Brown, L	123,178	-	Campbell, I	104,611	233
Brown, L	87,919	68	Campbell, I	102,172	-
Brown, L S	83,929	-	Campbell, M L	91,167	-
Brown, M	94,135	-	Campbell, S M	126,283	306
Brown, P	91,407	-	Campeau, T	108,864	800
Brown, S	155,033	1,722	Canaday, M	76,001	-
Brown, T A	127,562	-	Cap, T N	123,223	-
Browning, M	98,951	-	Caparas, R	100,899	-
Brownlee, D	80,685	-	Capolongo, P	96,759	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Carino, N M	83,593	300	Charpentier, A	123,504	466
Carlson, J	102,540	-	Chatrbahr, M	91,811	620
Carmona, R	122,667	922	Chauo, P	121,699	1,061
Carreiro, D E	92,755	-	Chavada, A	77,917	-
Carroll, M P	79,167	-	Cheema, H S	95,046	-
Carstairs, M	97,737	1,601	Chelak, J J	109,281	740
Carten, S	99,854	-	Chen, G	112,255	2,235
Carter, C D	101,481	-	Chen, G	93,200	763
Carter, S E J	99,055	-	Chen, H	90,935	998
Cartlidge, J R	100,909	1,350	Chen, M	121,082	-
Carvalho, N V	108,207	19	Chen, T	112,667	-
Cashato, A B	97,748	670	Chen, Y	87,474	-
Cashin, K	104,460	-	Cheng, A	131,477	2,811
Castillo Urena, M	97,468	100	Cheng, A	94,923	_,
Castle, R H	76,739	-	Cheng, A	91,268	471
Castro, M	78,768	-	Cheng, A	80,286	-
Catania, S	78,120	-	Cheng, D	106,272	-
Catarino, J	92,808	-	Cheng, G	182,060	101
Cates, J J	76,460	-	Cheng, K K	102,181	-
Cavaliere, G A	83,369	-	Cheng, P	87,934	1,645
Cavasinni, S	78,937	-	Cheng, P C P	125,582	1,040
Cave, M R	122,033	-	Cheng, T	84,498	1,958
Cavill, S O	103,819	-	Chera, S	111,045	1,950
Centeno, A	81,206		Chernikoff, F	116,496	-
		-			-
Ceolin, M	85,894	-	Chernoff, R M	94,762	-
Cerantola, M	113,889	-	Cherny, K	77,880	-
Cerbon Castellanos, A	96,717	755	Chesterton, S P	76,676	-
Cerminara, S	83,728	-	Cheung, B	92,423	210
Cerra, M	101,866	-	Cheung, L	99,719	-
Chalut, R	75,973	1,005	Cheung, R W H	154,351	460
Chamberland, J	119,738	-	Cheung, S	102,262	-
Chambers, W	85,894	-	Cheung, W	86,574	-
Chan Russell, A	87,002	-	Chevrefils, M	96,924	-
Chan, B	76,785	510	Chew, B A	75,969	500
Chan, C	114,497	-	Chew, S	121,699	-
Chan, C	86,891	-	Chhim, D	123,376	-
Chan, C	75,311	104	Chi, P	81,086	-
Chan, C L	97,731	266	Chia, S	96,229	-
Chan, D	87,179	520	Chima, P S	104,530	1,448
Chan, E	107,490	315	Chin, D	155,846	-
Chan, E	91,231	-	Chin, M	132,932	2,627
Chan, F	105,083	-	Chin, M	80,049	-
Chan, H	85,522	-	Chinfen, A	89,860	-
Chan, K	118,037	1,025	Chitrakar, S	76,201	2,988
Chan, M	104,242	1,594	Chiu, D Y	83,659	-
Chan, N	85,056	1,258	Chiu, H	75,084	1,332
Chan, P	79,669	-	Cho, E	124,567	-
Chan, P	75,688	421	Chohan, P	97,656	-
Chan, R	90,834	998	Chomicki, B P	82,576	-
Chan, S	77,237	-	Chong, P	107,859	2,499
Chan, W	175,429	3,086	Chong, T	95,645	-
Chan, Y	108,973	-	Chong, W	163,741	6,615
Chand, R A	84,986	-	Choo, B	110,800	1,321
Chang, L	76,527	418	Choquette, M	90,267	727
Chang, S H	108,815	777	Chorney, R M	126,601	
Chant, C	104,395	789	Chou, W A	143,738	8,938
Chapman, E	86,669	-	Chow, A W	132,250	-
	00,000			.02,200	

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Chow, H	83,423		Cook, C M	131,840	-
Chow, J	125,603	2,875	Cook, G A	94,925	324
Chow, K	90,911	184	Cooke, A G	121,542	-
Chow, LSY	123,119	436	Cooke, B	110,985	-
Chow, R	76,300	-	Cooper, T G	123,925	-
Choy, A	79,547	440	Copeland, D D	123,339	-
Christensen, S	94,662	-	Corea, D	87,544	-
Christopherson, B	115,355	-	Coric, N V	176,483	3,086
Chu, T	88,752	998	Corlayrojas, N	123,582	-
Chua, S N	96,325	1,943	Costantini, C	80,746	-
Chui, R	91,708	-	Coughlin, R	91,594	-
Chung, M	90,935	998	Couillard, A	92,305	436
Chungath, G	172,382	-	Couto, D	79,580	-
Ciar, V	91,299	-	Cowan, B J	97,057	-
Ciccone, C	105,626	-	Cowan, M	94,816	733
Cikes, R	112,335	4,634	Cowdell, S	98,162	-
Clark, B	106,885	293	Cowen, J	95,422	-
Clark, B G	109,296	-	Cox, D E	98,182	-
Clark, E	121,855	875	Coy, R A	122,811	_
Clark, E R	104,667	-	Crabtree, K E	110,463	595
Clark, G C	130,798	306	Craig, C	108,275	-
Clark, J	101,072	-	Cranton, C	89,224	_
Clark, R D	94,318	545	Crapper, C A	83,626	142
Clarke, C	130,856	1,436	Craven, C T	87,666	142
Clarke, C A	127,063	-	Craven, L	96,244	120
Clarke, D S	84,048	-	Craven, R A	122,810	-
Clarke, D S Clarke, M			Cravioto, R		
Clausen, C E	83,147 96,184	-	Cray, B C	123,085 113,076	498
Clement, J	83,594	-	Cribdon, G L	89,221	-
Clewlow, G	102,294		Cristall, A		-
Clibbon, C J B	102,294	-	Cronin, J	96,067	-
				77,215 75,938	-
Clift, J	102,286	2,791	Crowley, S		-
Clinaz, M S	121,140	135	Crump, H W	131,730 85,225	819 105
Clydesdale, R J	78,150	-	Cruz, C		105
Co, R	77,945	-	Culbert, R E	119,384	-
Coady, H	79,793	-	Curley, D S	98,252	-
Coan, B	86,308	-	Curran, E	82,951	-
Coates, M S	83,305	-	Currie, B G	103,543	396
Coburn, D J	83,379	-	Currie, D	95,949	-
Cochrane, D	123,708	393	Currie, J	85,664	-
Coelho, C	125,562	3,273	Curry, L	90,938	213
Colbert, S	131,499	998	Custodinho, J	89,529	-
Cole, D L	88,192	-	Cvaci, A	107,513	563
Cole, L R	86,474	1,360	Cvetkovic, Z	131,279	-
Coleman, C	106,190	-	Czene, P A	79,094	1,898
Coleman, D M	94,868	-	Czeppel, A	132,073	-
Collens, M	121,244	51	Czeppel, R	102,598	-
Collett, J	78,205	161	Czypionka, H	90,524	712
Collins, J O	91,957	3,198	Da Silva, P	78,763	-
Collins, T	110,671	266	Dabbaghian, M	104,506	473
Conacher, D E	126,825	-	Dacey, E	106,285	1,916
Conlan, G J	142,805	4,514	D'Agostini, M	145,534	-
Connell, F J	298,689	3,086	Dahl, R	80,265	-
Connelly, T	208,199	271	Dailly, F	76,177	-
Connery, K	98,536	-	Dale, S	79,878	-
Connolly, S D	76,562	-	Dales, B A	113,484	-
Contini, D A	89,115	-	Daley, T	97,993	-
Contois, R	77,396	-	Daminato, L L	111,780	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Danford, N	85,057	-	Devery, J	108,268	-
Danilkov, A	82,983	-	Devlin, B	122,609	499
Danyluk, A K	105,432	2,421	Dhaliwal, G	77,409	-
Darling, P	110,897	1,038	Dhanoa, A	118,348	-
Darnell, B	87,573	-	Dhillon, K	88,185	-
Darwent, C	125,141	2,991	Dhillon, N	146,797	1,691
Davidson, D R	118,338	-	Dhillon, R	97,136	-
Davidson, S C	102,765	313	Dhindsa, N	99,558	998
Davies, B	113,337	-	Dhinjal, B	80,706	-
Davies, B	78,804	-	Di Fonzo, D	103,485	399
Davies, S R	110,504	-	Di Marco, P	89,443	-
Davis, J	83,143	68	Di Nozzi, A	138,876	2,120
Davis, M	131,838	-	Di Spirito, D	76,787	-
Davis, M G	100,507	-	Diaz Haro, J	83,035	-
Davison, K M	102,835	-	Dick, S G	123,304	-
Dawkins, J E	119,767	2,264	Dickerson, D R	117,973	-
Dawson, M	120,203	998	Dickie, D C	123,726	-
Day, D L	125,038	-	Dickson, A A	111,524	-
Day, W	106,632	-	Dickson, C	77,701	-
De Castell, C	215,978	6,667	Didenko, D	90,935	-
De Hoog, W	91,898	328	Diewert, P	86,472	-
De Matos, L A	94,113	-	Dighton, S N	144,059	1,752
De Moura, C	125,791	-	Ding, Y	83,830	-
De Serpa, B	81,915	-	Dingwall, D	86,896	-
De Sousa, L	189,320	5,575	Dingwall, G A	87,415	2,921
De Vall, J	75,664	1,321	Dinh, V	100,296	_,
De Albuquerque, R	125,139	-	Ditchburn, G W	127,748	-
De Arcangelis, L	101,261	609	Dittrich, P	85,648	-
De Marchi, A E	105,230	-	Dixon, I K	198,348	3,216
Deacon, R	115,475	-	Dixon, J A	95,297	1,575
Dean, A S	93,768	-	Dixon, R	108,665	-
Deans, R C	108,610	-	Dixon, V S	174,188	3,086
Dearing, C	90,026	84	Djurkovic, D	178,409	6,124
Debeck, D B	127,134	-	Do, T	122,102	3,179
Debray, E	80,313	-	Dobbie, A J	82,736	, _
Dediu, V	117,432	-	Dobrovolny, J W	283,309	925
Dee, T P	114,449	-	Dobson, C G	108,138	17
Deer, K	129,550	-	Docherty, J	102,892	-
Degan, M R	79,399	-	Docherty, J A	97,732	60
Degraaf, J	88,635	-	Dodd, C	140,044	2,314
Degraaf, T T	105,847	-	Doel, R	114,199	531
Dejong, U	99,606	-	Doggett, S	108,888	-
Del Degan, K	96,527	-	Doherty, R E	90,368	-
Delaurier, R	103,553	-	Dokter, T	83,626	-
Deleo, L	104,933	1,676	Doleman, D	140,540	-
Demers, J C	90,842	-	Dolyniuk, G	83,324	-
Dempsey, A	99,990	436	Domaas, S	86,886	_
Dempster, C C	108,563	-	Donaldson, T J	103,670	_
Denholm, N	104,439	-	Dong, C Y	105,452	2,436
Der, KBL	120,504	963	Dong, J	126,390	3,890
Desanti, M A	120,504	2,993	Dong, L	120,390	5,030
Deschenes, L F	101,736	2,393	Donnery, S	97,732	- 245
Despins, C		2,328	Dornan, K	121,209	240
•	114,926				-
Desrochers, M	132,213	-	Dornbierer, A	105,748	-
Dessureault, S M	95,925	-	Dorward, C	79,301	70
Detienne, D Detino, R M	105,680	-	Dosanjh, B Dosanih, S	87,513	-
Detina, R M	78,451	-	Dosanjh, S	86,155	-
Devereaux, M	109,171	-	Dosen, S	94,957	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Dotto, M	94,031	_	Elliott, M E	121,244	663
Doucette, D C	83,045	183	Ellis, S	95,876	-
Douglas, J	83,305	249	Elliston, M B.	89,820	-
Douglas, K A T	101,570	-	Elmslie, K	121,332	953
Dow, K	82,942	-	Embleton-Forrest, J	114,395	1,723
Downey, M	92,709	55	Embley, E	107,532	427
Downie, A M	156,548	-	Enfeldt, M	151,435	104
Drake, S H	83,255	-	Eng, N	90,935	-
Draskovic, R	104,771	-	Eng, P	93,441	1,004
Drever, A J	78,346	-	Engineer, N	95,519	, -
Drobot, D C	92,858	-	Enright, D	106,650	47
Du Toit, M	83,542	-	Enright, P	104,978	1,787
Duarte, N	75,556	125	Epa, D	134,398	4,443
Dubbert, R G	130,232	306	Erdman, C	83,991	-
Dube, M	120,408	4,982	Erdman, S	89,215	2,181
Ducharme, D	107,652		Erichsen, S	115,178	2,101
Dugaro, S K	84,029	-	Eriksson, O	89,207	
Duggan, A P	130,250	-	Ervin, S	99,916	-
Duggan, A P Duifhuis, M			Esparo, D	120,870	-
	110,478	-		,	-
Dukay, C	93,525	682	Espinosa, M	165,785	2,677
Dulko, R J	123,431	-	Esposito, K	80,080	-
Duncan, A J	80,787	-	Essinger, P	113,461	-
Duncan, A S	107,103	-	Essinger, R	124,534	819
Duncan, D	82,659	-	Evans, J	184,001	4,266
Duncan, S	95,927	-	Evans, M R	120,891	-
Duncan, S J	129,259	-	Evans, R	141,458	998
Duncan, T K	111,022	-	Eves, P K	90,573	-
Dunderdale, S	102,231	-	Ewert, R D	129,712	-
Dunlop, E	100,432	-	Fahmi, T	77,566	-
Dunn, W B	92,862	1,149	Fahy, B R	91,250	-
Dunnet, A	122,673	1,193	Fairbairn, D G	118,317	-
Dunse, A D J	85,131	-	Falbo, T	83,901	-
Durand, D D	88,276	104	Falcade, R	88,894	-
Durcan, C	75,810	-	Falconer, C	94,448	765
Durnford, J M	130,209	2,818	Falkenhagen, W	78,616	-
Duvochel, E	95,315	-	Faloure, A	95,009	-
Dyck, S E P	123,427	729	Fan, D	81,916	1,441
Dykes, T N	121,117	-	Fan, E	102,491	-
Dykstra, J	79,307	4,239	Fan, J	80,520	-
Dyste, S	104,846	1,176	Fang, C	81,155	-
Easby, S K	97,833	308	Fanning, P J	102,978	-
Easingwood, M	91,999	-	Fanzega, T	90,393	-
Eckland, J	122,814	1,939	Faria, J	92,513	-
Edge, C A	106,514	-	Faria, T	89,857	-
Edwards, B	75,115	15	Farina, G	95,808	-
Edwards, C	130,316	1,737	Farmand, S	83,626	250
Edwards, J H	82,480	-	Farrell, L	103,596	-
Edwards, P	80,021	-	Fazekas, P	132,165	325
Edwards, S	157,745	473	Fei, W	107,764	-
Edwardson, K	102,202	8,804	Feitsma, J K	79,988	-
Eenkooren, R	93,041	-	Felder, R T	88,258	909
Eguizabal, T	82,578	-	Felgner, R	106,293	-
Eichhorst, W	97,485	-	Felicio, C E	105,892	-
Eidher, A	113,844	-	Felker, P W	128,091	-
Eklund, D J	105,986		Felts, T J W	148,719	-
		-			-
Ekman, K Elford, D.R.	103,981	-	Feng, L Fenwick, E	90,935 107,954	-
Elford, D R	88,093	415		107.934	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Ferguson, K D	103,075	-	Furlong, T	82,622	-
Ferguson, M	87,040	-	Gadey, G	98,832	-
Fernandes, L	97,357	-	Gaertner, L	95,157	-
Fernandez-Garcia, J	100,141	-	Gagnon, P J	83,832	-
Fernquist, C D	77,911	-	Gagnon, Y	87,195	-
Ferrante, M	108,374	3,543	Gahan, C M	79,710	-
Ferris, D R	118,305	, -	Galambos, J	98,988	4,022
Ferris, K	109,746	-	Galbraith, C A	90,468	, -
Field, T G	78,129	-	Gale, D	175,251	263
Findlay, G M	88,421	-	Galindo, J M	91,244	-
Fink, T	97,266	_	Gallen, T L	99,480	977
Finley, D	170,679	3,086	Gallina, F	85,663	-
Fisher, C	83,773	1,379	Gallo, S	113,781	-
Fitzgerald, M	105,349	223	Gallos, T	81,158	36
•					50
Fitzwalter, T	83,429	-	Ganchar, D C M	124,119	-
Fleck, C L	76,949	1,017	Gandha, A K	141,687	719
Fleck, C R	89,024	-	Gandham, K	99,405	20
Fleming, A	87,489	-	Ganuelas, G	103,720	2,688
Flesher, S	75,442	-	Gaos, D	131,751	-
Fletcher, D	97,123	-	Garbe, J	97,518	209
Fleury, C	86,203	-	Gardener, R	95,405	236
Foellmer, S	150,055	5,625	Gardner, M	93,486	17
Fong, J	76,454	310	Gardner, W M	108,657	-
Fonseca Munoz, E	103,453	-	Garrison, D B	159,823	840
Fontaine, D J	119,700	-	Garry, A	107,456	-
Foofat, S	85,721	-	Gatley, R	83,673	2,421
Ford, G	96,275	931	Gaudet, G	84,096	265
Ford, R	91,097	1,324	Gauthier, G J	124,227	150
Forsyth, D	81,390	2,220	Gazzola, R A	97,485	-
Forsythe, M	83,359	-	Ge, W	116,180	1,311
Fortin, A	94,904	-	Geelhoed, T	88,146	51
Foster, I	107,623	646	Gelein, M	85,604	-
Foster, J D	92,212	800	Gelsvik, C E	121,453	-
Foster, K	125,339	168	Gemmill, K W	133,947	-
Foster, R L	93,112	418	Genge, D M	113,162	-
Fox, P L	121,066	1,757	Gent, P T	120,939	-
Fox, T J	87,485	, -	George, D	82,627	-
Francis, K	85,043	-	Gerber, S	102,411	-
Francisco, J	77,971	-	Gerow, A M	98,290	82
Frank, M	103,399	-	Gerth, H M	83,427	-
Fraser, K S	122,470	550	Gibbs, A	115,448	_
Fraser, S	100,997	450	Gibbs, P J	128,977	_
Fraser, S J					5 601
	125,835	1,430	Gibson, K	148,767	5,621
Fredericksen, E	120,909	-	Gibson, M	107,974	-
Frederickson, KW	122,795	1,003	Gilbertson, K	81,767	-
Freeman, J C	102,094	-	Gildersleeve, M	100,970	-
Freeman, S R	82,346	-	Gill, C K	128,955	306
Frew, M	114,915	194	Gill, D	101,916	-
Fridkin, A J	92,732	-	Gill, D A	129,894	306
Friedman, S	87,553	-	Gill, G	112,342	-
Friesen, K	122,677	-	Gill, H	109,596	-
Froese, E A	79,089	-	Gill, J	112,277	-
Frost, G W	111,417	-	Gill, R	97,056	-
Fry, M T	76,221	2,529	Gill, T T	79,112	109
Fu, B	148,056	1,006	Gillan, B D	116,363	306
Fu, H	98,765	417	Gillan, L	102,915	-
Fu, T	84,583	-	Gillis, J E	83,748	146

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Gillman, A R	118,346	1,017	Gregory, A D	139,922	-
Gilmore, S M	129,854	-	Gregory, J P	104,147	-
Gilmour, J G	85,610	-	Gregory, K	84,903	-
Gimine, S	77,935	550	Greissel, M	111,834	-
Girard, T	114,234	-	Gresley-Jones, J	110,173	85
Girard, T	80,492	-	Grewal, P	93,102	998
Giuricich, K	81,048	-	Grieve, A	92,529	-
Gjaltema, J	138,797	9,253	Grimann, C	87,979	395
Glass, R J	106,895	2,679	Grimminck, P	132,607	500
Glover, M	85,066	-	Grimwood, B	98,047	-
Glushko, R	82,667	-	Groenewegen, A	132,118	319
Gobillot, J	102,085	-	Groenewold, H A	125,733	
Gobillot, P J	151,934	-	Grootendorst, E	126,244	7,734
Goddard, S J	130,250	-	Grottenberg, J	111,489	
Goh, B	90,391	_	Grover, R	87,682	1,520
Goldsmith, S	154,622	2,095	Grubb, K A E	176,483	3,086
Gombots, H	97,732	2,095	Gsponer, D	92,409	592
			Guerreiro, G	,	592
Gomes, C Gomes, E	125,431 108,826	3,769	Guilmant-Smith, G	95,602 91,290	- 105
		-	,		105
Goncalves, D	75,244	158	Gulevich, R	97,984	-
Gonzaga, D J	116,536	-	Gunderson, J	87,362	-
Gonzaga, R	118,931	-	Guns, M	112,002	-
Gonzalez, J	90,078	-	Gupta, A	97,236	-
Goodchild, J	104,741	-	Guremel, I	94,183	-
Goodfellow, D A	124,399	-	Gusic, B	109,215	555
Gooding, I	79,267	-	Gutierrez, D	103,569	-
Goodlet, D A	88,364	-	Gutierrez, P A	84,132	-
Goranson, J	135,047	47	Hache, L	89,611	1,120
Gordon, C	92,659	-	Haggman, I N	82,899	-
Gordon, D	101,904	-	Hagiwara, R M	149,355	2,460
Gordon, H M	137,248	3,312	Haid, S	201,771	3,435
Gormick, J	132,699	-	Haines, J	80,151	-
Gorra, A D	77,812	-	Hainsworth, D	89,544	1,632
Gorseth, N	131,825	-	Hajdu, S L	99,994	10
Gottfried, N L	138,812	-	Hales, J	102,640	280
Gould, B	105,552	2,874	Hall, P	90,261	100
Goulet, M	104,772	-	Halldorson, J	95,050	-
Goulitchenko, A	110,037	-	Haller, B F	125,825	2,234
Goundouvas, K	102,562	-	Hallgren, D	121,953	-
Goundouvas, K	87,179	-	Halliday, D	121,462	-
Granger, H	191,463	3,190	Halverson, M	110,475	-
Grant, K K	110,848	-	Halyk, M	87,779	21
Grant, L	81,848	3,681	Hama, G	81,196	-
Graves, L	108,825	-	Hamade, J	94,018	-
Gray, J T	106,554	-	Hamilton, A	103,411	-
Gray, J W	134,911	-	Hamilton, C	84,616	1,496
Grazier, C J	77,394	-	Hamilton, D L	89,595	654
Green, D R C	127,468	-	Hamilton, G	139,451	-
Green, M D	122,944	-	Hamilton, M	99,262	-
Greenberg, J M	191,766	3,217	Hamilton, R H	130,678	-
Greene, J	105,331	-	Hamilton, S R	89,414	-
Greenfield, M	176,618	104	Hamilton, T	78,529	-
Greentree, K	104,055	-	Han, J	81,536	-
					-
Greenwood, A	86,836	107	Hanes, J Hanggi E	88,311	-
Greenwood, A G	144,130	-	Hanggi, F	99,080 84,708	324
Greenwood, J	120,655	3,606	Hanley, B	84,728	-
Greer, J C	157,761	362	Hansen, M	93,048	373
Gregg, T	117,664	-	Hansen, M	91,044	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Hanson, L	76,407	-	Herrin, M D	97,389	-
Harbun, N	106,460	-	Heslop, M	119,766	496
Harju, P	87,233	-	Hesse, B C	124,199	-
Harker, C	75,669	-	Heywood, K	102,486	-
Harman, Q	78,296	-	Hickey, M N	140,071	-
Harmon, L D	79,136	-	Hicks, C	77,625	-
Harries, D	97,732	305	Hicks, S B P	122,609	466
Harrington, C L	78,348	-	Hiebert, G J	118,540	-
Harris, M	121,787	1,061	Hiebert, K L	130,130	-
Harrison, R	99,466	-	Higgins, C	98,912	1,973
Hart, M	75,107	65	Higgins, D	134,145	1,845
Hart, O	102,510	-	Hii, Y	107,443	-
Hart, T	78,230	-	Hildebrand, C	95,259	_
Hartley, J R	97,394	-	Hildebrandt, A	79,631	_
Hartnett, D D	83,096	-	Hildebrandt, B D	100,577	3,026
	97,732		Hildebrandt, E		3,020
Hartwell, H		-		119,918	-
Harvey, D	110,113	-	Hill, Z	98,283	3,092
Harvey, G	87,083	520	Hills, J A	83,229	-
Harvey, S A	123,300	-	Hilt, M	107,285	1,027
Hassett, A D	110,792	-	Hilton, M	93,505	-
Hastie, M	82,768	-	Himmelman, E O	86,631	-
Hastings, C	112,469	-	Hirji, K	164,784	1,407
Hastings, K	119,521	-	Hirtle, L E	78,073	5,646
Hatch, W	76,014	-	Hisey, P D	95,142	-
Hatchen, D T	82,871	-	Hmaidan, M	78,318	59
Hatcher, M D	123,844	-	Hnilica, P	87,273	12
Hatta, J Y	82,688	-	Ho, F	95,526	-
Hatton, R	95,840	-	Hobbis, L	111,974	-
Havelaar, J	110,558	2,230	Hodges, G H	122,609	2,064
Hawkins, C	98,689	-	Hodgson, K	112,875	-
Hawksbee, I	107,666	-	Hoese, K T	167,581	4,664
Hay, R K	132,033	-	Hoffmann, L M	80,903	-
Hayes, R J	121,514	-	Hogan, P	103,903	5,338
Hayne, K R	111,340	2,344	Hogarth, H	80,817	835
Hayre, D	111,357	-	Holbrook, D	82,028	425
Hayre, R	81,875	-	Holding, I J	85,346	-
Hayward, D	107,356	998	Holland, K L I	104,530	-
Healy, T	151,942	7,379	Holloway, J	80,555	-
Heaney, S M	131,572	-	Holm, K	180,700	3,238
Heeps, J D	129,235	-	Holmes, A	84,173	-
Heer, J	96,503	-	Hon, H	97,222	-
Hegedus, R S	121,839	-	Honan, D	97,319	-
Heikkila, J	87,727	-	Honrado, L	138,540	487
Heinricks, S	89,930	-	Hook, J	100,054	511
Heinz, D J	75,842	-	Hooper, A	96,988	-
Heitzman, M	78,983	-	Hooper, T	107,937	_
Helm, S	100,694	-	Hooton, J	95,304	_
Henderson, T	80,548	60	Hope, C G	103,825	-
Hendren, P	95,574	30	Hopwood, C	91,396	- 53
		30			
Hendrickson, S P	129,362	-	Horlacher, H	106,783	960
Henriquez, J N Henry M	77,557	158	Horn, K	106,335	-
Henry, M	118,903	-	Horne, J	123,962	614
Henselmann, B	167,656	12,921	Horne, M	115,405	1,636
Hensrud, C M	109,210	-	Horne, S	176,483	3,086
Heppner, T	88,173	800	Horne, T	97,535	-
Herbel, W A	86,081	-	Horner, W	79,938	-
Herbert, C M	172,644	6,249	Horspool, N S	107,456	472
Heriot, J J	103,515	-	Horvat, K	85,581	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Hou, M	99,632		Irvine, R	100,426	-
Houghton, S	77,385	-	Irwin, J T	117,372	2,593
Houser, D	88,682	31	Isaac, K M	120,789	173
Howard, K	99,611	2,192	Isherwood, M B	86,209	-
Howardson, J R	83,646	-	Ivanov, S	116,193	-
Howe, D G	98,087	369	Jackson, D L	76,360	-
Howe, E	97,732	425	Jackson, J T	159,242	2,293
Howes, T W	122,753	-	Jackson, M J	84,452	-
Howieson, D I	157,647	3,086	Jackson, O	136,095	346
Hrushowy, N	135,025	23,532	Jackson, S M	157,720	1,264
Hsieh, S	77,649	-	Jacobs, D	80,801	-
Hsieh, T T	131,224	-	Jacobson, R	85,182	1,495
Hsu, H	104,471	473	Jakubczyk, J M	89,318	-
Hsu, P	181,116	-	Jakubec, J	111,154	-
Huang, B	104,025	-	James, J	86,791	-
Huang, H	91,559	-	James, P	105,236	-
Huber, B A	99,324	-	Jameson, L S	83,245	-
Huber, P E	125,257	-	Jankovic, L	98,330	2,208
Huculak, S	88,267	1,580	Jankovic, Z	131,936	160
Hudson, A	80,028	1,000	Janzen, C H	77,602	100
Hudson, J	129,201	659	Jasper, K	128,291	675
Hudson, K	87,565		Jawanda, H	110,728	0/5
Hudson, T	108,154	- 404	Jayaraman, L	95,974	-
					-
Hui, T	157,083	3,109	Jean, C	107,456	-
Hui, W	96,245	-	Jeffery, P	90,896	-
Humenny, R	76,688	-	Jehman, D	86,922	299
Humenny, S W	128,797	-	Jelic, E	97,732	60
Hummel, T C	75,265	-	Jenkins, C J	89,825	-
Hundal, D	78,719	105	Jensen, S M	90,623	60
Hundal, G S	84,779	-	Jeon, E	83,288	110
Hung, B	84,379	-	Jerkovic, M	87,257	-
Huntley, M J	152,584	157	Jeske, K E	141,591	86
Hurd, T C	107,215	-	Jhajj, K J	96,577	1,475
Hurford, D M	141,039	1,793	Ji, G	108,989	-
Hurworth, N	97,401	-	Jiang, Y	101,263	-
Hurzin, W R	110,151	-	Jiew, M S	90,597	-
Husband, J W	123,862	-	Jimenez, L	107,343	1,254
Huska, T F	105,225	-	Joe, C	99,843	-
Hutch, D J	167,820	6,329	Joe, W	90,985	-
Hutchinson, K	93,681	-	Joel, M	76,180	-
Hutchinson, K D	108,542	-	Johannson, K	92,695	236
Hutton, R G	119,808	-	Johnson, D C	96,016	1,308
Hwang, I	111,541	106	Johnson, D E	111,545	-
Hynes, M	81,007	81	Johnson, J	108,024	1,521
lacoe, C	121,014	3,455	Johnson, K L	77,531	-
lacoe, S	119,848	902	Johnson, R	82,534	-
lannacone, J	144,136	4,483	Johnson, R T	147,591	976
Ibey, M	157,079	542	Johnson, T F	125,799	463
Ichiiwa, S	108,953	-	Johnston, A	117,060	-
leraci, A	87,437	-	Johnston, K R	78,132	-
lizuka-Mitchell, M	81,773	-	Johnston, S	362,852	5,260
Imani, K	91,853	-	Johnstone, S A	84,430	-
Impey, P M	301,609	8,633	Johnstone, T F	125,535	-
Ince, E	79,734	-	Jones, D	110,416	160
Ing, C	86,769	-	Jones, D R	97,281	-
Ingram, S M	124,911	306	Jones, E	133,077	1,118
losef, P	84,678	11,128	Jones, G	81,861	-
Irvine, M	51,070	,	,	01,001	

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Jong, T Y W	75,535	-	Khabra, J	90,776	218
Jordan, B	176,483	3,086	Khan, A	77,181	249
Jordan, J	95,930	-	Khan, H	75,242	-
Jordan, M R	106,605	-	Khan, N	175,107	5,299
Joseph, C	119,780	6,954	Khella, H	127,964	2,100
Joseph, C	89,128	813	Khong, W	85,507	-
Joseph, C	78,492	-	Kidds, C	90,597	_
Josin, M	110,450	-	Kielan, T	127,565	_
Joss, N	81,173	-	Kiem, J D	127,470	_
Jotie, J	84,795	310	Kildare, R B	80,070	_
Joyce, B	97,057	60	Kilfoil, C D	95,133	-
		324		92,441	-
Jung, C	90,935 102,702		Kilpatrick, B E		-
Jung, D		-	Kim, C	80,643	-
Jung, D S	109,030	-	Kim, D	83,749	-
Jung, J	85,815	-	Kim, K	85,374	131
Jung, W K	80,139	-	Kim, M	104,915	766
Kai, Y	77,772	-	King, D B	111,035	409
Kaila, A	107,700	4,585	King, L	112,953	325
Kainth, H	86,908	-	King, R J	83,638	-
Kalyniuk, K D	94,879	-	King, T	77,901	-
Kamer, T J	101,442	-	Kinghorn, D L	112,014	80
Kaminski, I D	107,561	-	Kingston, M C	86,556	-
Kanwar, S S	89,784	-	Kinley, R	111,606	-
Kapoor, S	158,223	998	Kirby, D C	129,276	-
Karabegovic, H	80,201	1,195	Kirincic, D J	116,571	-
Karwat, M	103,677	-	Kirincic, S L	99,930	-
Kassam, N S	231,768	221	Kirk, S	83,626	-
Katanchik, S	145,157	-	Kirk, T	98,154	-
Kauffmann, O	90,241	-	Kish, F W	78,137	-
Kavanagh, D	85,817	-	Kitainik, R	84,998	-
Kavanagh, T C	83,507	-	Kitchener, R G	135,821	2,738
Kavouras, G	130,250	1,305	Kitt, S A	116,196	-
Kaye, B W	89,118	-	Kittelberg, L	83,862	-
Keates, R J	126,762	-	Klar, P	75,749	-
Keays, J	111,934	-	Klassen, N	98,560	-
Kee, W	84,228	-	Klassen, S	115,875	800
Keeler, G	92,521	-	Klein, A	101,608	-
Keen, G W	88,355	-	Klein, R A	111,845	-
Kefalas, K	89,479	-	Kleindienst, K	125,909	-
Keith, B	131,651	_	Klemionek, B	112,083	_
Kellett, B	83,144	-	Klingensmith, L T	87,850	_
Kelley, P G	291,879	10,563	Kloepper, K	91,663	_
Kellner, B W	121,459	-	Kloosterboer, J	110,241	44
Kelly, J C	81,387	-	Knezevic, N	92,007	44
Kelly, L C M	107,053	- 2,521	Knight, C	165,259	466
-			-		
Kendall, P N	114,180	2,728	Knoll, M J	102,141	32
Kendall-Craden, R L	175,143	-	Knudson, K A	78,316	796
Kennedy, K	141,887	6,971	Kobelka, A W	97,732	-
Kennett, B	95,581	-	Kochan, W	146,269	-
Kenny, E	106,794	998	Kochhar, S	98,977	
Kerr, M	195,177	2,888	Koehler, L	105,909	266
Kerr, S A	146,324	-	Koep, M	102,550	450
Kerr, S W	75,727	-	Kohli, R	113,020	984
Kester, J	89,737	-	Kolakovic, A J	85,719	-
Kettmann, K	82,385	549	Kong, C	112,661	566
Kevlahan, C	98,426	-	Kong, Q	75,508	-
Key, T	83,668	-	Kong, S P	118,092	1,558
Keyworth, G	104,661	4,988	Konopacki, T G	82,934	99

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Konowalchuk, J E	80,297	-	Lam, M L	153,120	908
Konowalchuk, W L	123,140	1,045	Lam, R	102,315	969
Kontogiannis, P	75,933	-	Lam, R C	109,713	327
Koo, D	175,172	3,086	Lam, T	91,070	677
Koo, V	106,780	-	Lam, T	88,636	1,034
Koop, D	112,604	1,118	Lamb, T	111,573	-
Koop, D F	87,283	-	Lambert, E	102,660	305
Kopy, V P	83,626	-	Lambert, K M	101,884	650
Kordmahalleh, M	108,057	-	Lambertson, K	101,217	1,828
Kornberger, B T	110,199	_	Lamont, J A	176,067	3,086
Korpan, S	122,609	1,133	Lancaster, J G	164,371	3,086
Korstrom, D	109,151	-	Land, J M	125,206	1,675
Koscielski, J	126,392	80	Landels, B A	130,250	1,075
Koshimura, M	81,949	-	Landles, R	111,184	-
					-
Kosmak, M	122,609	131	Landsiedel, S	117,420	-
Kovacic, S	97,732	60	Lang, M	106,766	2,238
Kowalski, E	98,488	-	Langland, H	97,495	5,172
Kozak, R	83,200	-	Langley, M	121,020	856
Krawczyk, L	108,462	1,277	Langley, R A	109,981	383
Kraynyk, D W	112,523	-	Langmead, S E	85,624	-
Krezan, B	181,088	463	Lanigan, S P	79,207	-
Kripps, S	85,929	-	Lanthier, C R	126,260	-
Kristensen, J	83,037	-	Lao, D	84,171	1,675
Kroeker, J	79,905	-	Lapointe, R	100,886	-
Krsteva, E	114,180	3,150	Larigakis, M	80,606	524
Krueger, G A	155,763	735	Larijani, A	86,363	-
Krueger, P W	107,083	-	Larson, M	76,894	-
Kuechler, W	109,678	-	Lasocha, A	83,522	1,010
Kuenzig, J Q	78,605	-	Latimer, T	111,769	-
Kuhlmann, T O	99,323	-	Latta, J P	127,657	-
Kumar, R	81,789	-	Lau, A	82,340	-
Kumar, S	134,048	-	Lau, A Y L	80,526	-
Kumar, T	107,456	-	Lau, C S Y	108,102	-
Kundarewich, K	110,301	-	Lau, K	130,250	473
Kung, N	103,407	988	Lau, K	112,775	1,953
Kuo, Y S	108,957	-	Lau, N	91,459	-
Kuramoto, R	90,597	-	Laughlin, T	77,015	-
Kursar, R A	125,068	-	Lauzon, R	105,597	-
Kutin, K	83,209	1,356	Laverock, J A	107,981	-
Kuva, L	101,029	425	Laverty, B A	77,024	-
Kuyer, T	104,014	-	Lavieri, L E	107,122	-
Kuzmanoska, B	97,723	-	Lavine, V	87,646	-
Kwan, K	83,638	131	Lavoie, H	80,835	_
Kwan, L	106,765	-	Law, A H	151,635	882
Kwok, H I	76,746	-	Lawrence, C N	109,038	
Kyllo, D	82,959	-	Lawson, J D	84,904	
Labrador, S	75,715	161	Lawson, 5 D	104,543	-
					-
Lacaria, A	81,520	-	Lay, J	108,494	-
Laclaire, L L	176,744	10,803	Le, H	91,915	-
Ladbrook, W D	91,901	-	Le, S	91,555	-
Lafortune, P	108,665	-	Leadbetter, L M	79,976	-
Lagreca, J	113,783	800	Leblanc, J	79,642	
Lai, C	119,062	998	Leblanc, R	179,760	5,749
Lai, P	80,114	-	Leckovic, K	165,196	238
Laidlaw, D	87,814	-	Leclair, B	86,483	-
Lam, A	130,342	-	Ledo, G	124,671	2,139
Lam, D L K	130,059	998	Lee Hunt, M	106,991	1,375
Lam, J	80,314	-	Lee, A	107,178	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Lee, A	77,503	-	Leung, T	108,665	-
Lee, A E	105,568	-	Levesque, W	76,380	-
Lee, C	119,329	1,034	Levitt, K R	209,419	492
Lee, C	108,941	-	Levy, S	103,540	-
Lee, C K	118,766	-	Lewis, A	105,828	-
Lee, C W	90,935	-	Lewis, A	98,899	-
Lee, D	102,261	-	Lewis, D	96,350	-
Lee, D	86,364	-	Lewis, K L	84,658	-
Lee, D	80,449	-	Lewis, S G	75,557	-
Lee, D I	90,675	-	Lewis, T	109,595	440
Lee, E	181,845	499	Li, D	187,228	3,086
Lee, E W H	118,478		Li, E P	91,962	0,000
Lee, G K	110,753		Li, H	76,303	_
Lee, H	92,595	3,161	Li, J	92,213	-
					105
Lee, J	121,504	1,350	Li, J	80,016	105
Lee, J	97,461	634	Li, J	79,976	-
Lee, J	80,048	-	Li, M	132,513	131
Lee, J W	121,835	1,568	Li, N	110,635	323
Lee, L	100,347	846	Li, S	96,754	473
Lee, M	113,638	68	Liang, J T	92,657	-
Lee, M	105,460	605	Liang, K	183,037	3,736
Lee, N	108,090	-	Liao, C	121,766	541
Lee, S	123,635	1,706	Liao, C	91,145	-
Lee, S	107,496	-	Liebel, K	88,340	-
Lee, S	91,838	4,601	Lifton, P	78,857	-
₋ee, T	108,744	1,223	Liggat, M J	88,070	-
_ee, W	104,415	-	Lightfoot, A P	80,428	-
_ees, K A	119,549	-	Lightfoot, B	107,312	1,114
_efkowitz, B	95,648	-	Lim, H	82,011	-
_ehal, A	92,977	60	Lin, F	94,472	610
ehwald, E A	93,328	-	Lin, K	87,664	1,356
_ehwald, K	101,919	-	Lindsay, S	77,066	1,386
_ehwald, M A	103,171	-	Linehan, M M	120,683	-
_eibel, B B	122,875	-	Ling, A	100,712	-
_emire, M	123,293	1,632	Ling, T	82,625	-
Lemire, P	108,076	-	Lingl, P	96,420	780
Lemire, T	101,885	-	Lipinski, M D	88,468	-
Lenkevitch, E	78,408	-	Lippucci, V G A	96,605	305
_eong, M J	90,155	1,274	Litrell, A	106,740	-
_eong, S C	88,680	-	Liu, C	91,635	1,321
_eopold, D	113,899	-	Liu, G	108,953	.,0
_epard, KV	158,175	2,693	Liu, G	93,205	-
_epore, O S	144,745	383	Liu, N	90,689	594
_epore, P	92,823	-	Livingstone, G A	102,442	554
_epore, R	87,908	_	Liviand, A	113,553	137
_eroux, G			Llagas, J		107
Lessard, S J	148,857 110,147	2,584	<b>U</b>	91,191	-
		-	Llewellyn, C R	85,282	-
_etourneux, F	176,483	3,086	Lo, B	79,243	998
eung, A	89,927	-	Lo, D	93,199	324
_eung, A	86,420	921	Lo, J	87,179	520
₋eung, A M	120,334	2,198	Lo, N	106,943	-
_eung, B	109,574	60	Lobban, L A	82,868	654
_eung, D	146,019	-	Logan, J J	132,885	2,270
₋eung, D E	107,858	-	Londo, H	103,495	-
eung, J	90,935	998	Loney, E	97,802	833
eung, S	121,333	-	Long, M	125,094	1,029
eung, S	97,750	-	Look, E	94,603	-
_eung, T	153,505	6,225	Lopes, A	99,793	_

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Lopes, M	81,594	95	Maclver, J	97,057	245
Lopez Garcia, C	105,165	800	MacK, T K	135,337	722
Lorimer, C	106,581	145	MacKay, G	106,289	499
Lougheed, G D	83,288	-	MacKenzie, D	105,163	-
Loughrey, A	83,626	-	MacKey, B A	164,093	3,086
Louie, A	107,530	-	MacKichan, S	118,721	-
Louie, D L	103,054	-	MacKie, D E	125,219	-
Louie, G	90,610	998	MacKie, I N	97,732	245
Louie, K	76,221	158	MacKie, K A	84,700	-
Loutit, J D	112,361	17	MacLang, D	110,976	436
Love, M	75,507	-	MacLean, J	136,432	1,711
Loverin, D	116,332	-	MacLeod, T M	106,821	-
Low, L L	94,294	-	MacNeil, B C	77,676	-
Lowe, C	75,673	52	MacNeil, R	91,813	60
Lowe, G	81,053	-	MacPhee, I	107,619	813
Lowood, J	89,104	520	MacPherson, M	75,052	149
Lowry, S	118,060	415	MacQueen, R T	78,622	-
Lu, K	99,463	-	Madden, A	76,198	-
Lubiw, N	156,886	1,038	Maddison, J	85,303	_
Lucas, T	129,235	2,274	Madsen, S	87,503	283
Lue, N	93,985	17,412	Maestro, M	90,688	-
Lui, E	107,272	-	Mafatow, M	97,665	_
Luick, D	110,706	5,897	Maffei, D C	113,143	_
Luk, M	92,141	610	Magnusson, R	100,271	_
Lukes, R	116,055	2,974	Mah, H H	88,528	305
	90,248				
Lulic, D		2,622	Mah, L M N Mah, T	109,621	1,038
Lum, C D	112,182	1,012	Mah, T Mahaaur H	92,577	2,510
Lum, M Lum, W	85,327	-	Mahpour, H	89,586	-
	93,026	4,117	Main, K R	134,821	9,984
Lum, W	79,046	-	Malabuyoc, J	80,528	-
Lumagbas, C	91,612	-	Malcom, J	110,183	-
Lunghamer, D L	104,652	-	Malczyk, A	120,294	1,138
Lusted, M T	83,641	-	Malekmohammadi, M	78,362	-
Lyall, G	105,320	-	Malis, I	119,901	778
Lyford, D C	96,231	243	Malla, S	99,496	-
Lynch, J	104,798	-	Mallen, M	113,958	453
Lynch, S W	104,760	-	Maloney, C	86,481	-
Lyons, D R	123,959	1,647	Maloy, W D	87,393	-
Ma, B	79,869	-	Mamonova, L	93,223	3,823
Ma, C	96,183	42	Man-Bourdon, A C	94,293	948
Ma, H	114,965	4,355	Maness, A	108,348	-
Ma, N	93,593	181	Mannella, J	81,603	-
MacAulay, C M	111,446	-	Manning, W C	83,900	-
MacCallum, M	119,285	376	Manson, I	76,318	-
MacCubbin, C	82,165	-	Mantei, J A	138,167	-
MacCutchan, A	104,720	265	Manyk, B	104,436	-
MacDonald, R	107,149	-	Mar, M H	108,080	141
MacDonald, S	102,140	-	Marchand, M	126,972	1,227
MacDonald, S	82,913	-	Marchant, K R	85,512	-
MacDonald, T	100,040	-	Marineau, G S	117,572	-
MacDougall, K	85,795	-	Mark, E D	83,046	262
MacEachern, M K	86,419	188	Markovic, M	80,951	-
MacEdo, L M	84,249	-	Markovic, Z G	144,809	362
MacGillivray, B G	123,426	-	Marley, E	146,252	209
MacGregor, R S	102,253	-	Marohn, G K	177,360	7,250
MacInnes, J I	126,569	-	Marousek, M	102,030	7,039
MacIntosh, C	78,284	-	Marquardt, D	107,151	-
MacIntyre, J	103,164	1,003	Marrello, A	107,204	

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Marrello, P	88,031	-	McDonnell, B	106,317	-
Marriott, P	94,804	105	McDonnell, P	90,558	-
Marrocco, A	90,422	-	McEachern, S A	106,242	-
Marsh, B	99,475	904	McEwan, T	95,360	-
Marsh, R J	119,618	-	McGillivray, L	97,999	2,224
Marshall, G	81,615	-	McGinley, E M	92,087	1,549
Martel, M	81,556	-	McGinty, C	122,795	884
Martel, S	78,094	-	McGowan, B D	97,394	-
Martin, A H	90,241	-	McGrath, N	78,906	-
Martin, F	95,913	-	McGuire, T	75,442	
Martin, M	107,328	-	McIntosh, D	94,686	16
Martineau, J	78,221	878	McIntosh, S I	86,946	659
		-			
Martinez, S	112,492		McIntyre, L A	78,022	-
Martychina, O	77,450	1,359	McIntyre, Z	94,591	-
Marwah, J	105,113	659	McIvor, G	78,642	-
Marzin, M	151,686	1,887	McKay, D	117,590	-
Masangane, S	99,638	-	McKellar, M W	127,443	-
Mashruwala, M	101,403	-	McKenzie, A	83,629	1,198
Mason, C C	121,227	-	McKeown, P J	121,269	-
Massey, C R	119,975	-	McKerracher, C	83,899	-
Massey, J D	83,021	-	McKibben, S	110,641	-
Massine, W	104,174	1,281	McKimm, C	122,609	-
Masters, C L	120,608	486	McKinnon, M H	125,773	-
Mastromonaco, A	83,186	-	McKinnon, R L	119,514	-
Mastromonaco, F P	108,191	-	McKinnon, T M	83,054	-
Mate, C	80,940	-	McKnight, J	77,549	430
Mate, T	88,792	-	McLachrie, R M	92,384	-
Mathar, S	102,632	-	McLaren, C F	101,272	-
Matharoo, G	90,973	-	McLean, H D	89,847	545
Matharu, U	136,000	473	McLellan, M A	117,027	-
Mathur, N	119,115	1,138	McLennan, R	122,609	632
Matricardi, C	83,882	-	McLeod, B	87,569	-
Mattarollo, S	96,031	16	McLeod, J D	100,629	1,409
Matterson, A	132,686	815	McLeod, R	84,252	245
Matthews, L	122,609	1,142	McLeod, T M	80,230	315
Mattu, M H	120,742	-	McManus, P	107,667	-
Mauboules, A	96,642	-	McMath, H	100,164	
Mauboules, C	88,374		McMillan, J T	127,403	8,395
Maunsell, W D	123,941	-	McMillan, S	108,395	0,090
Mawunganidze, L C	106,628	-	McMillan, T	84,156	-
-	,	-			-
Maxwell, G	100,231	190	McMullen, A M	94,188	681
Mazer, K	83,689	-	McNabb, M F	82,877	-
Mazurek, R M	129,601	-	McNaney, K C	175,206	3,878
Mazzocchio, F	90,038	-	McNeill, Y	121,775	1,495
McAuley, J E	93,255	252	McNutt, R	117,776	800
McCall, M	130,617	715	McPherson, K A	134,333	2,391
McCarthy, J	92,642	-	McPhillips, S	108,429	-
McCarthy, P	85,131	-	McQuarrie, J	118,287	-
McCarthy, P	77,312	-	McRae-Smith, A B	95,222	433
McCash, M	119,781	135	Meaker, T S	86,965	-
McConnell, R L	97,214	-	Medland, C E	175,143	1,259
McCreath, K L	111,591	254	Meers, D A	140,391	-
McCurdy, A	147,667	382	Mele, S	127,028	-
McDermott, J	142,353	776	Melten, P F	114,006	383
McDiarmid, M	76,825	-	Meneghello, T	83,819	-
McDonald, B A	95,162	149	Menjivar Guardado, J S	78,307	-
McDonald, E	139,955	4,105	Mercer, S	105,114	-
McDonald, G	121,751	324	Merino Gutierrez, F	88,518	

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Merrill, C	106,590		Moreau, J C	97,532	2,830
Mervin, G C	119,261	-	Morgan, B	91,784	-
Merz, M R	81,133	-	Morgan, D	103,460	-
Messenger, C A	128,990	496	Morgan, J A	108,414	-
Messenger, D R	143,651	6,130	Morin, P A	142,886	-
Methorst, H	111,970	-	Morishita, K S	152,464	-
Mewhinney, E	106,158	-	Morishita, L	90,437	1,175
Meyer, A	116,049	-	Morrison, E T	122,979	-
Mezzomo, F	75,065	-	Morrison, G S	156,658	11,471
Michaud, J M	171,568	3,086	Morrison, J	160,438	4,450
Middleton, S	109,295	873	Morrison, J M	96,579	-
Mikitka, J A	91,503	-	Morrison, S G	104,003	-
Mikkelsen, R S	103,330	-	Morrison, T	106,267	-
Mildenberger, N	98,760	490	Morrissey, S	75,455	-
Miles, R	122,609	998	Morrow, B E	98,478	-
Millar, S T	115,231	-	Mortimer, J S	117,807	-
Miller, B	93,824	-	Morzaria, S	121,244	-
Miller, D	75,600	1,839	Mosher, C W	112,420	-
Miller, K	110,330	-	Mosher, S	106,789	_
Miller, M A	108,950	-	Moshier, P	107,456	1,046
Miller, M J	89,331	-	Moss, P H	103,372	1,040
Miller, S	83,844	-	Moss, R Moss, R	100,711	2,295
		-	Motkaluk, R		2,295
Milliken, D	85,368	-		112,427	240
Mills, S	76,255	600	Motokado, G	112,356	-
Min, H	91,367	511	Mouck, D D	93,361	-
Mineer, J	100,107	-	Mudrovcic, M	88,245	-
Mirza, F	122,609	981	Mueller, S	107,534	440
Misci, M	92,985	-	Mueske, D G	97,896	740
Mital, E	150,627	-	Muir, M	98,013	-
Mitchell, A L	94,399	20	Muirhead, A	75,434	-
Mitchell, D	90,944	-	Muise, S G	106,004	3,437
Mitchell, G D	79,720	576	Mulcahy, J	131,076	1,627
Mitchell, J	108,425	-	Mulder, C C	122,174	-
Mitchell, K	83,428	-	Mulhall, S	96,296	932
Mitchell, K	76,302	51	Mulji, K	158,367	1,283
Miyaji, K	124,832	5,131	Mulligan, R	113,964	-
Moberg, D A	144,407	-	Munro, T	83,613	-
Mocharski, M R	86,148	-	Muntasir, S	76,934	505
Mochizuki, G E	112,697	-	Murakami, M	101,668	-
Mochrie, P R	288,475	4,173	Murphy, D H	98,087	362
Mogerman, O	103,970	2,141	Murphy, G	112,565	-
Mohamad-Khany, S	99,981	-	Murphy, K D	99,521	-
Mok, C	91,450	324	Murphy, L	86,842	998
Molaro, A	174,300	1,038	Murray, B R	120,640	-
Molina, M A	83,321	-	Murray, G	180,439	3,157
Molley, A D	77,179	-	Murray, W R	133,078	3,795
Monckton, N	120,635	-	Murru, D	124,649	-
Monroe, G	102,306	-	Murtagh, C J	89,108	1,333
Montgomery, N	94,574	350	Murton, B J	143,033	-
Moore, A	80,639	-	Musslick, H	82,885	342
Moore, C	77,057	-	Mydansky, D	78,528	-
Moore, D	114,006	953	Myles, N	100,937	-
Moore, G	108,850	-	Mylrea, T N	82,512	-
Moore, K			Nadalini, R D		-
	75,782	-		83,185 104,051	- 473
Moore, P M	128,466	306 8 460	Najafi, N Nakapishi, K	104,051	
Moore, T D	176,395	8,469	Nakanishi, K	172,268	3,086
Moors, A D	89,058	891	Naklicki, A	237,149	1,046
Moran, G	99,861	-	Namdari, D	106,337	125

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Narayan, V	103,161	-	Nikolai, A J	81,762	-
Nathwani, A	123,396	546	Nikolai, K	108,839	-
Naughty, R	122,668	-	Nikolic, S	113,055	30
Naundorf, D	107,103	-	Nilsson, B L	101,088	-
Navratil, M A	122,712	1,633	Nitychoruk, M	107,940	-
Nayeri, S	110,186	1,069	Noble, C A	130,250	-
Naylor, M E	123,481	-	Noke Smith, A C	119,605	-
Neal, P	86,142	-	Normann, H F	190,876	2,144
Neale, B	107,221	-	Norrie, A S	121,244	105
Neale, J	112,144	-	Northrup, T E	86,305	-
Neault, M D	112,397	-	Norton, P C	77,100	-
Nedyalkova-Dimova, T	120,334	2,350	Nostitz-Tait, G V	95,457	-
Neely, P B	81,452	-	Nouri, M	94,025	261
Neill, C L	91,057	-	Novak, R	129,722	-
Nelms, C	207,835	5,719	Nowak, G	86,719	-
Nelson, A D	117,705	-	Nurianti, S	91,282	-
Nelson, C	147,551	973	Nyhaug, T P	116,471	-
Nelson, J	105,251	100	O'Brien, L R	77,526	105
Nelson, J	89,894	-	O'Callaghan, K	86,735	-
Nelson, J D	81,486	-	O'Coffey, T	90,260	188
Nelson, T	78,706	-	O'Connor, E	87,465	-
Neufeld, J	92,666	1,311	Odong, J	120,167	335
Neufeld, L	85,258	-	O'Donnell, T	153,463	34,070
Neumeyer, P	111,481	-	Odynsky, P	91,374	-
Neves, V S	97,195	-	Oehlschlager, C K	190,040	3,086
Neville, I R B	99,012	4,089	Ogden, M R	121,576	-
Newman, A	136,149	1,585	Okell, C	110,734	_
Newman, B	96,297	-	Oland, H K	133,478	1,857
Newman, C	117,529	-	Olar, J W	125,928	150
Newton, N	82,002	161	Olderskog, T	86,186	-
Ng III, A	114,129	383	Oldfield, T B	129,447	-
Ng, C K	78,229	1,321	O'Leary, J E	91,992	125
Ng, G	80,742	1,321	Oleson, R	76,528	125
Ng, H C	94,585	383	Olinek, J	140,692	_
Ng, L	101,746	-	Oliveira, M	78,421	_
Ng, L	98,425	325	Oliver, B	78,477	_
Ng, T	82,271	1,742	Oliverio, R	91,933	_
Ng, T C	121,853	1,742	Oljaca, D	97,625	_
Ng, W	91,179	69	Olsen, T W	116,090	-
Ng, W	84,343		Olson, J	101,041	-
Ngan, C	113,768	- 473	O'Neill, J	102,409	-
•	129,155			97,342	-
Ngo, H		-	Ong, M		-
Nguyen, D	78,109	-	Onions, C	78,846	158
Nguyen, J	90,384	-	Onukwulu, I	79,072	131
Nguyen, K	110,463	998	Oppenlander, D W	122,916	672
Nguyen, V V	84,104	-	Orban, C	84,668	1,179
Nicholls, J	84,365	-	Orellana, J	94,571	-
Nichols, D G	142,608	-	Osghian, D	120,789	1,185
Nichols, E	84,416	501	Ostafiew, M	106,415	-
Nichols, L T	129,842	150	O'Sullivan, D	125,609	3,393
Nicholson, J	106,543	-	Otoole, S	87,354	261
Nicholson, P	123,414	-	Oum, P	93,310	-
Nicholson, R	80,896	480	Owen, C	104,754	4,047
Nicholson, W	112,666	-	Owen, K W	85,681	-
Nickerson, A	142,342	843	Owen, T	97,665	3,158
Nickle, B R	75,580	-	Owsianski, R	76,867	77
Nicol, S C	127,011	-	Ozdoba, R R	75,204	-
Nielson, G	120,914	-	Paar, V R	93,931	20

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Pabillano, J	92,615	2,092	Pelletier, B G	99,421	-
Paccani, V	95,416	-	Peloquin, D G	80,979	-
Pacheco, A	78,325	-	Pendergast, Z C	100,714	-
Pacis, A	78,979	47	Penney, T	108,943	-
Page, S	76,195	-	Pennings, R	95,144	-
Page, T A	94,481	-	Peppin, M	109,580	-
Pagliuso, E	89,759	-	Pereira, D	110,739	-
Palazzo, F	84,049	-	Pereira, W	134,474	-
Palmer, C	153,264	2,845	Perez, J R	77,365	-
Palmer, J	113,705	-	Perodie, J	106,429	-
Palmer, R A	97,732	60	Perovic, M	82,444	-
Pander, S	146,315	6,846	Perrett, D	81,716	1,978
Pangalia, S	131,988	1,481	Persaud, M H	128,806	
Panganiban, M	78,893	-	Peskett, R	108,162	_
Pappajohn, S	99,555	-	Peskett, R C	106,487	-
Pappas, P	85,716	-	Peterson, D R	135,395	794
Parasiuk, J	78,732	20	Peterson, T R	127,145	-
Park, J	106,558	-	Petrus, A C	80,045	-
Park, T	107,493		Petruzzelli, A C	99,293	_
Parker, D	120,808	1,823	Petry, M	107,456	-
Parker, L		891	-	91,850	-
,	135,190	091	Petsinis, S E		998
Parkes, J	75,128	-	Petticrew, H	112,605	-
Parkin, D W	127,938	1,823	Pezzolesi, G	106,393	398
Parlby, T	83,267	-	Pezzotti, T	82,614	-
Parmar, M	88,602	-	Pfoh, R E	120,504	-
Parno, D A	120,974	-	Phair, B S	107,602	-
Parno, M	99,605	-	Phan, T Y	105,157	-
Parr, J	109,002	-	Phanthoupheng, J	89,536	677
Parrotta, D	82,842	-	Phillips, D	118,348	-
Pasin, J	97,518	-	Phillips, J	121,074	1,747
Pask, A S	107,845	-	Phillips, M	131,468	131
Passaglia, C M	97,381	-	Picard, E	118,975	787
Passmore, D J	121,552	2,934	Piccoli, D M	86,038	-
Pate, M	104,900	1,326	Piccolo, D	97,732	-
Patenaude, M	78,869	161	Pickard, G	129,623	-
Pater, C	77,077	-	Pickens, R R C	129,763	190
Paterakis, M	92,100	20	Pickersgill, M	104,294	-
Pathal, G S	164,126	3,536	Pickett, E	103,287	-
Patocka, J	99,154	-	Pickett, I	105,198	-
Paton, J A	106,898	-	Pickett, J D	83,115	-
Patrao, A V	84,548	-	Pidcock, C	121,226	-
Patrk, L	88,869	350	Pighin, D G	123,340	-
Patterson, C	85,573	-	Pikker, D	77,077	-
Patton, B A	82,942	-	Pilas, K	113,611	-
Patzke, M	105,908	-	Pinder, K	77,530	-
Pauls, B M	77,683	-	Pirmoradi, Z	99,230	1,417
Paulson, M R	161,130	7,533	Piwowarski, Z	81,253	-
Pavone, A	75,749	-	Pizzolato, L A	92,378	-
Pavone, C	75,432	-	Planinsic, J	81,768	-
Pawelchak, F J	86,043	-	Plant, S	99,862	462
Pawlak, C N	117,564	-	Plaxton, W A	81,147	-
Pawlitschek, S C	82,534	-	Pocock, N	103,940	1,664
Payne, K	109,295	959	Polonio, M A	125,873	
Peacocke, N A	119,955	2,155	Polovy, S	108,665	265
Pease, L	105,519	- 2,155	Polovy, S Pont, D	98,242	- 205
Pease, V	104,049	-	Pontellini, M	83,288	- 116
Peck, T	90,762	-	Pope, D	108,186	436
Peet, B G	96,511	- 245	Porteous, C	107,184	

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Postlethwaite, C W	95,021	-	Rai, H	108,307	-
Postma, T E	139,982	4,367	Ralph, P	153,440	1,353
Potter, C	124,543	1,768	Ralph, S A	79,949	-
Pottinger, G H	131,182	-	Ram, S C	77,185	-
Poulter, M	83,162	-	Ramirez, J	93,430	-
Pour, S	110,525	1,115	Ramogida, S F	85,860	-
Poutrel, G	119,605	-	Ramos, M B	90,264	-
Pow, C	97,341	-	Ramos, W	85,887	20
Powell, A	104,700	-	Ramsden, K	93,165	-
Powell, J L	76,758	-	Rana, G	78,731	420
Powell, L	104,913	-	Randall, B G	106,224	-
Powell, R	107,239	-	Randazzo, F	76,576	-
Power, A T	122,609	4,800	Rasoul Kim, A	107,942	602
Pradel, P	90,371	-	Rattray, R	100,012	308
Prasad, A	83,647	-	Ratushny, G L	81,688	-
Prescott, L	191,513	-	Rautenberg, J	91,870	1,547
Preston, L D	84,931	-	Rawsthorne, D M	121,699	2,738
Preston, P	90,638	-	Reagh, K C	83,338	_,
Prevette, T J	99,380	-	Reddy, A	112,987	-
Price, A	96,556	209	Reddy, R R	82,972	-
Price, D	87,998	-	Reed, C	163,752	3,086
Price, F	95,956	425	Reed, G D	105,950	-
Pricope, I	100,230	-	Reed, J	88,920	-
Priest, J	82,271	-	Reed, M R	90,557	-
Primerano, M B	131,354	306	Reed, P	110,886	405
Principe, L	90,952	000	Reese, A W	83,988	-
Pringle, K	85,600	-	Regan, W	77,460	-
Pritchard, W	98,781	-	Reichelt, J	80,239	518
Probert, J	124,775	252	Reid, A N	84,826	-
Pruger, M	94,583	-	Reid, D B	265,478	7,481
Pruniak, J	103,094	-	Reid, L	78,156	-
Pucci, P	91,306	-	Reilly, M	114,556	-
Pughe, D W	120,868	-	Reisen, E G	119,598	-
Pugliese, D	110,521	-	Reisig, D	75,324	-
Puleo, V	95,241	-	Rempel, G	75,457	235
Pulgar, A	98,445	-	Renning, R D	176,551	12,667
Purchas, M W	131,379	-	Revesz, M	131,782	5,518
Puustelli, M M	111,598	-	Rhine, L M	82,274	-
Puzio, C	88,888	-	Ricard, J	82,340	-
Pybus, C	104,954	-	Rice, M D	84,491	104
Pye, M	84,435	-	Richardson, J	78,982	-
Pylatuk, A	83,174	-	Richmond, S	98,425	48
Qazi, H	81,216	3,152	Richter, J	82,099	-
Qi, W	108,782	-	Ridge, M	86,838	-
Quan, N	92,587	-	Riebe, J	130,250	266
Quan, V D	132,199	2,522	Riminchan, A	114,555	1,080
Quayle, B T	180,415	3,086	Ritchie, M C	78,438	1,000
Quennell, B	105,928	0,000	Ritter, A	91,585	263
Quigley, T P	77,458	-	Rivet, S	117,334	-
Quilty, J A	84,446	_	Robbins, J	143,700	998
Quintero, L A	99,611	- 1,964	Roberge, D	180,270	3,165
Quirk, E	84,310	- 1,904	Robertson, A R	99,922	
Raby, W J	80,289	-	Robertson, C	153,431	- 325
•					323
Radakovich, M Badziminski, C	122,609 107,703	1,217	Robertson, D Robertson, D R	107,505	-
Radziminski, C Rafique, F	107,703	9,068 3,653	Robertson, D R	118,603	-
Rafique, F Rai, B	116,625 152,536	3,653 125	Robin, S Robinson, D	92,704 110,593	- 68
Rai, B	131,224		Robinson, D	91,286	00
nal, D	131,224	-		91,200	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Robinson, J D	79,843	-	Sandher, S S	91,307	-
Robinson, K	123,139	-	Sandhu, B	83,293	-
Roderick, J F	82,237	-	Sandhu, B	77,573	-
Rodrigues, G D	123,327	-	Sandhu, C	106,204	-
Rodrigues, P	98,089	6,417	Sandhu, G	140,083	5,214
Rodukoff, P	105,554	, -	Sandhu, J	92,438	-
Rogers, B	86,182	-	Sandhu, J	75,918	-
Roman, P	89,106	-	Santema, A N	91,713	-
Romaniuk, D S	122,418	-	Santorelli, V	116,857	-
Romanko, J	106,337	-	Santos, C	79,537	-
Romanowski, A R W	112,484	-	Santos, J	131,005	_
Romses, A	83,534	-	Saraiva, J	83,174	_
Ronalds, N	94,823	-	Sarazin, P J	90,060	_
Roos, J M	124,884	183	Saulnier, C	75,663	_
Root, S	119,660	-	Saunders, K	75,418	_
Roote, P D A	89,786	-	Saunders, S	161,464	3,810
Rosa-Brailsford, D	94,626	200	Savage, E	87,913	5,010
Rose, S M	100,244	-	Savage, G	140,181	-
			-		-
Rosengren, P	134,712	65	Savage, M	116,331	-
Rosenlund, D J Ross, A	146,268	-	Sayre, C M Scarborough, M	83,645	63
	143,282	295		103,630	-
Ross, C	92,337	506	Scarlett, T	109,475	2,250
Ross, D L	95,995	-	Scarr, T	91,157	-
Ross, J N	121,244	1,133	Schenderling, R P	138,774	3,410
Rossetti, G	82,943	-	Scherban, J J	130,466	670
Rougeau, G	82,528	-	Scheu, M A	127,729	-
Rourke, K	83,626	455	Schick, J	79,104	-
Rowley, W J	104,290	3,621	Schmidt, F	109,617	-
Roy, A V	83,178	-	Schnackenberg, D E	97,732	60
Rumm, D	114,099	-	Schneider, J A	85,953	-
Russell, S	105,036	-	Schoeffel, K	121,007	-
Rusticus, M R	109,967	-	Scholefield, M L	152,126	2,433
Rutherford, E	102,046	-	Schouls, M	153,269	1,133
Rutland, K	84,645	-	Schreiner, C J	109,673	-
Ruz Hernandez, R	92,780	-	Schultz, E	87,065	95
Ryan, A J	117,255	6,186	Schwark, M	156,560	1,393
Ryan, P	174,488	893	Schwebs, S	129,706	890
Rycroft, L	116,661	1,686	Scollard, T	176,454	6,460
Rysiewicz, J	75,277	-	Scott, A	118,146	-
Ryskie, G A	132,785	5,026	Scott, D S	107,500	-
Sabellico, A	88,512	-	Scott, K J	125,003	-
Sachdev, M	80,314	-	Scudder, N	83,040	-
Sagarbarria, J	91,918	-	Sears, B J	151,674	3,009
Sagert, T J	94,798	-	Sears, K	129,260	2,601
Sahota, S	77,077	-	Seaton, M	94,548	773
Saini, D	113,384	1,321	Sebastian, L G	83,718	-
Sakamoto, H	75,520	-	Sebastiano, M	75,604	-
Salar-Arefi, Y	107,292	431	Seifert, W D	98,210	-
Salas, R G	124,829	-	Sekoranja, R	88,203	395
Sales, A P	125,322	2,298	Sellers, G L	107,654	-
Salina, M	93,912	-	Semenya, A H	80,229	223
Salinas, C J	128,298	629	Senghera, B	117,121	383
Sami, V	94,242	-	Senior, C M	86,685	2,062
Sampert, D R	127,361	-	Sereda, G E	126,556	_,
Samson, E	75,989	-	Sereda, M J	154,609	2,137
Sandberg, K	115,891	-	Seto, E K	107,485	_,,
Sanders, B	107,744	-	Sevallo, S	103,573	-
Sanderson, K M	92,263	-	Sever, D M	102,088	161
Sanuerson, K M	92,203	-		102,088	101

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Sevilla, E A	86,051	-	Singleton, P	90,932	-
Sew, B M	121,937	-	Sister, S	87,993	1,771
Sexton, J	79,104	3,098	Siwy, A	96,961	-
Shalist, J	111,841	-	Skidmore, D	97,703	-
Shamess, A	176,454	311	Skinner, M	90,379	771
Shanahan, J	120,858	-	Skinner, M T	100,574	-
Shannon, A	105,620	-	Skov, J	83,626	-
Shannon, C	86,483	245	Skrepnik, V	120,748	-
Shapka, R	82,798	-	Slade, B	107,362	-
Sharif, D	91,264	250	Slader, G R	89,930	-
Sharma, B	100,284	4,588	Sleightholm, D G	82,801	-
Sharma, J	121,070	-	Sliacky, J	87,579	-
Sharma, S	86,608	-	Slingerland, J	111,515	-
Shaw, J	94,515	-	Slykerman, D	103,809	245
Shearer, D	132,036	1,143	Smaldino, M	102,831	308
Shearer, K	125,736	-	Smit, F	131,224	998
Sheasby, P	133,523	-	Smith, B R	105,293	-
Sheehan, L	107,677	-	Smith, D C	181,449	- 2,339
Shen, Y	84,122	- 105	Smith, D D	76,070	2,009
,				103,810	- 4 107
Sheng, W	91,306	-	Smith, D M	149,400	4,127
Sheppard, J	93,855	-	Smith, E	,	-
Shergill, M	100,779	2,135	Smith, G J	134,633	1,780
Sherriff, A	100,065	-	Smith, J	106,236	-
Sheu, Y	98,312	473	Smith, M	80,997	-
Shi, W	79,942	-	Smith, P M	107,498	-
Shi, Y	111,763	473	Smith, S M	107,859	-
Shield, M	104,549	-	Smith, S S	83,915	-
Shier, C	106,905	1,423	Smulders, C G	110,998	-
Shirley, D	121,136	-	Snikvalds, R	78,240	-
Shoji, M	151,557	1,317	Snitz, A	85,095	-
Shokar, A S	87,404	-	So, D	120,789	1,470
Shong, D G	131,466	-	So, M	120,419	-
Short, J	115,674	1,730	Sobejko, J	122,609	908
Shorter, C	76,648	324	Sobh, M	91,430	650
Shroff, R	80,270	-	Soglo, M P	110,790	4,186
Sibley, G R	76,378	-	Soh, V	80,314	-
Sibley, M A	85,553	-	Sohi, K	94,908	150
Sidhu, B S	75,801	-	Sojka, A S	143,609	-
Sidhu, G	115,674	-	Soleimani, M	109,083	6,477
Sidhu, R	139,488	1,082	Soliman, R	89,156	-
Sidwell, A	152,780	2,302	Sommer, P	99,128	-
Siemens, R P	94,728	-	Song, D H	83,508	190
Sihota, A	105,521	-	Soni, H	147,994	3,179
Sihota, P S	126,947	-	Sonnenburg, C	99,456	-
Sikolya, N	92,691	-	Soo, J M	98,791	-
Silva, O	159,653	2,642	Soo, V	84,182	116
Silvestrone, K	86,404	-	Soukup, G	80,084	-
Simmer, T	111,773	1,185	Soutar, R	98,255	3,289
Simon, G	77,993	-	Soutar, T D	78,569	-
Simpson, M	90,051	326	Sovdat, S	128,994	-
Simpson, S	75,326	-	Sovdi, H L	123,585	2,519
Sims, R W	85,580	-	Spaans, K	98,666	
Sinasac, C E	86,404		Spangberg, G K	97,732	_
Sinclair, A C	133,116	- 2,890	Spargo, B R	97,732 97,631	- 324
					324
Singer, J	93,155 100,757	-	Sproston, S	110,887	-
Singh, A	100,757	-	Spythourakis, G	85,355	-
Singh, A	99,905	-	St Clair, A	85,238	-
Singh, S	265,955	1,102	St. Michel, P	124,312	3,658

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Stabler, R W	75,190	-	Suurkask, B R	88,506	-
Stad, B	83,332	116	Suveges, C	76,191	-
Stadnek, C	115,703	-	Suzuki, K T	127,174	-
Standerwick, J	104,468	-	Swan, J L	89,755	-
Stanford, C	106,012	-	Swantje, E	117,985	-
Stanford, C D	154,365	1,402	Sweetapple, K	99,600	-
Starritt, A P	110,174	-	Sydenham, D P	153,852	2,195
Stasila, L	100,796	-	Syskakis, T S	101,458	1,326
Steele, B	108,093	-	Szeto, N	122,446	473
Steele, G W	112,022	-	Szeto, V	86,563	998
Steele, R	118,642	-	Tabata, W	132,073	2,621
Steen, A	85,802	-	Tack, D	114,006	1,734
Steen, J	97,732	-	Taddei, A	91,003	-
Steer, M	120,196	-	Tai, H	86,634	998
Stefanon, F D	83,321	_	Tam, S	96,908	-
Steglich, N	109,074	908	Tam, W	80,769	_
Stellick, R	79,315	-	Tamashiro, K	102,763	436
Stephen, B F	114,212	-	Tammen, R	101,152	400
•			Tan, F	130,142	-
Stephens, S Stephenson, N	122,928 99,683	1,560		,	-
•		-	Tan, J	91,034	-
Stephenson, S	106,654	-	Tan, W W	84,918	-
Stevens, D	181,996	2,684	Tanaka, E	106,337	6,246
Stevens, J	109,124	-	Tang, G	127,120	-
Stevenson, L J	83,676	-	Tang, L	90,551	-
Stevenson, S W	82,529	-	Tang, W	91,399	-
Stevenson, W	98,444	-	Tao, A	129,906	998
Steward, A	110,172	2,757	Tartaglio, P	78,623	266
Stewart, D	79,096	-	Tejani, N	110,006	-
Stewart, I	104,406	-	Telling, R	82,950	210
Stewart, K	103,775	-	Teneese, R L	87,744	-
Stewart, R	121,672	-	Teng, W	108,081	110
Stickney, C	76,612	-	Tenney, T	98,492	-
Stiles, C	79,121	-	Teoh, A	78,121	365
Stoneson, S	113,831	-	Teoli, G A	148,637	545
Storer, P	152,450	6,864	Ternes, G R	77,962	-
Stouten, C	103,538	-	Tessier, D	89,530	68
Straith, D	99,793	-	Tessier, J	107,722	-
Straka, A	98,087	-	Tetzlaff, D K	83,337	-
Strand, I	126,733	-	Thakur, P	107,466	-
Straub, G	99,052	-	Tham, M K	80,081	-
Stroup, C S	83,698	-	Thawng Mang, J	100,385	-
Stroup, D M	153,941	1,943	Thibodeau, D	83,291	-
Struthers, T	115,254	150	Thicke, M	99,020	1,049
Styles, A G	126,262	-	Thirkell, J T	95,363	-
Styles, R	79,247	-	Thomas, A	92,028	-
Su, J	131,548	355	Thomas, D A	84,183	-
Sugie, L K	90,422	-	Thomas, K	83,046	-
Sukul, B M	125,151	-	Thomas, S	88,285	-
Sulem, G	77,678	-	Thompson, A	121,631	483
Sullivan, E	76,912	-	Thompson, C	114,673	-
Sumecki, A D	102,253	-	Thompson, C	106,251	-
Sumter, A	84,744	433	Thompson, J	97,589	-
Sungur, C	114,521	-	Thomson, P	109,255	-
Sunshine, M G	118,216	2,125	Thorburn, T T	101,986	-
Surette, M L	84,378	-	Thornley, A	100,020	305
Sussmann, C	97,948	47	Tia, A	121,911	1,150
Sutherland, C	115,569	70	Tierney, D	122,804	-
- and the loss of	10,000	10		122,004	-

To, D         77,77         -         Uncap, E         75,372         -           Todd, B         86,984         -         Underwood, C         154,286         1,881           Todd, B         86,984         -         Underwood, C         154,286         1,881           Todd, K         87,681         835         Upesugi, J         121,675         988           Todd, L         101,282         2,237         Valiancourt, ED         80,554         650           Tohll, J         110,382         473         Valiancourt, ED         80,554         650           Tomore, T         117,702         200         Valiancourt, ED         80,554         -           Tomore, T         117,702         200         Valiancourt, ED         80,511         -           Tomore, T         117,702         200         Valiancourt, ED         80,511         -           Tomore, T         117,702         200         Valiancourt, ED         80,511         -           Tomore, S         111,844         -         Van Acken, R         144,100         -           Torres Rives, W         85,250         -         Varne, K         130,961         -           Torestout, R         80,552<	Name	Remuneration	Expenses	Name	Remuneration	Expenses
Todd, B.         86, 894          Underwood, C.         154, 46         1, 18, 413           Todd, K.         87, 681         835         Uyesugi, D.         121, 475         998           Todd, I.         101, 282         22, 37         Valiancouri, E. D.         80, 504         650           Tolmin, D.         84, 738         -         Valiancouri, E. D.         80, 504         650           Tolmon, T.         117, 702         220         Valiadenau, M.         83, 441         -           Tommon, T.         133, 745         -         Van Den Boogaard, S. C.         102, 183         -           Tong, J. M.         91, 364         -         Van Horn, Don         127, 731         -           Torpping, S.         111, 384         -         Van Horn, D. M         127, 731         -           Torps, Ragan, M.         93, 318         -         Van Lare, NG         122, 082         -           Torps, Ragan, M.         93, 318         -         Van Lare, NG         100, 770         -           Torps, Ragan, M.         93, 316         -         Vanadwarchhove, G         100, 777         -           Torps, Ragan, M.         93, 164         Van Lare, NG         100, 577         -	To, D	77,077	-	Uncao, E	75,372	-
Todd, B.C.         136,051         840         Uyesugi, D.         112,1675         986           Todd, L.         101,82         2,237         Uyesugi, J.         108,888            Tollal, J.         79,166          Valiancourt, E.D.         80,504         650           Tolmain, D.J.         110,382         473         Valiancourt, E.D.         80,504            Tomono, T.         117,702         220         Valiancourt, S.C.         102,773            Tong, J.M.         91,364         -         Van Fraassen, B.         129,763         31,80           Toop, D.R.         98,159         -         Van Acken, R.         144,10         -           Torses, Rus, W.         85,250         -         Vanasse, M.         131,991         -           Torses, Rus, W.         85,250         -         Vanasse, M.         131,991         -           Torses, Rus, W.         85,550         -         Vanasse, M.         103,77         1,154           Torse, Rus, W.         85,550         -         Vanasse, M.         108,77         1,154           Torse, Rus, W.         85,550         -         Vanasse, M.         108,77         1,154 <tr< td=""><td>Tocco, J</td><td>77,740</td><td>-</td><td>Underhill, D</td><td>129,601</td><td>273</td></tr<>	Tocco, J	77,740	-	Underhill, D	129,601	273
Todd, K         B7,861         B35         Uyesugi, J         17,175         998           Tohili, J         79,165         -         Vailancourt, ED         80,504         650           Tohini, D, J         110,382         2         Vailancourt, ED         80,504         650           Tohen, D, J         110,382         2         Vailancourt, ED         80,504         650           Tomon, T         117,702         220         Vailacdenal, M         33,441         -           Tong, J.M         91,844         -         Van Den Boogaard, S C         102,153         -           Tong, J.M         91,844         -         Van Den Boogaard, S C         102,173         -           Torop, DR         98,159         -         Van Horn, D M         127,731         -           Torors Gara, M         93,318         -         Van Lare, NG         120,020         -           Torsdwal, R         100,068         -         Vandwarchow, G         107,701         -           Torsdwal, R         100,685         -         Vangarovel, S         140,970         667           Track, JP         164,962         3,066         Varn, H         137,443         -           Torachou, J	Todd, B	86,984	-	Underwood, C	154,246	1,681
Todd, L         101,82         2,237         Uyesug, J         108,838            Tolentin, O         84,738         2         Valiancourt, E D         80,504         650           Tolentin, O         84,738         2         Valizadehasl, M         83,841         -           Tomono, T         110,382         473         Valizadehasl, M         83,841         -           Tomy, K         133,745         -         Van Fraasson, B         129,763         3,160           Toop, D R         91,944         -         Van Acen, R         144,190         -           Torse, Riva, W         85,250         -         Van Acen, R         129,773         -           Torse, Riva, W         85,250         -         Vanasse, M         131,991         -           Torse, Riva, W         85,520         -         Vanasse, M         109,775         -           Towend, R         80,552         -         Vanasse, M         109,775         -           Towend, R         80,552         -         Vanasse, M         106,777         1,154           Torack, J P         91,516         659         Van, R         100,877         -           Towend, R         80,552	Todd, B C	136,051	840	Ussher, O	113,613	-
Tohlin, J.         79, 166         -         Valiancourt, E.D         80, 504         650           Tohentino, C.         84, 738         24         Valiabord, P         107, 441         -           Tomono, T.         117, 702         220         Valizachensi, M         98, 841         -           Tomyk, K.         133, 745         -         Van Den Boogaard, SC         102, 153         -           Toop, D.R         99, 159         -         Van Arcken, R         144, 190         -           Torses Garza, M         93, 318         -         Van Arcken, R         122, 022         -           Torses Garza, M         93, 318         -         Van Arcken, R         122, 022         -           Torses Garza, M         93, 318         -         Van Arcken, R         122, 022         -           Torses Garza, M         93, 318         -         Vana Arcken, N         122, 022         -           Torses Garza, M         93, 318         -         Vana Arcken, N         107, 701         -           Townand, R         80, 552         -         Vanas         100, 677         1, 154           Track, J P         164, 962         30, 98         Varag, M         106, 572         - <td>Todd, K</td> <td>87,681</td> <td>835</td> <td>Uyesugi, D</td> <td>121,675</td> <td>998</td>	Todd, K	87,681	835	Uyesugi, D	121,675	998
Telemin, C.         84.738         2         Vakisbord, P         10.382	Todd, L	101,282	2,237	Uyesugi, J	108,888	-
Tohano, T         110,382         473         Valizadehasi, M         98,811            Tomono, T         117,702         220         Valizadehasi, M         98,814            Tong, JM         193,345          Van Den Boogaard, S C         102,153            Topp, DR         99,159          Van Acken, R         144,190            Torres Garza, M         93,318          Van Acken, R         122,082            Torres Garza, M         93,318          Van Acken, R         122,082            Torstekt, R         100,668          Vanasse, M         131,991            Torstekt, R         100,668          Vandekrichbvos, G         107,701            Torach, D         91,518          Vanagarveld, S         140,977            Torach, J         97,154         659         Varajarveld, S         140,970         687           Trach, J         97,154         659         Veer, R         87,558         1.767           Trach, J         97,154         659         Veer, R         87,558         1.767           Trach,	Tohill, J	79,166	-	Vaillancourt, E D	80,504	650
Tormor, T         117,702         220         Valzadehasl, M         98,841            Torny, J, K         133,745         -         Van Den Boogpaard, S C         102,153            Torop, J, R         99,159         -         Van Arhom, D M         127,731            Torop, D, R         99,159         -         Van Acken, R         144,190            Torres-Rivas, W         95,250         -         Van Acken, R         131,991            Torres-Rivas, W         85,250         -         Vanasse, M         131,991            Torres-Rivas, W         85,250         -         Vanasse, M         131,991            Torres-Rivas, M         85,250         -         Vanademark, J         89,775            Torsen, R         100,688         -         Vandemark, J         89,775            Torne, L         97,553         17,607         11,54          Yangemark, J         180,675            Track, J P         164,962         30,680         Van, H         105,272            Track, J P         164,962         30,680         Vasni, A         125,565	Tolentino, C	84,738	2	Vaisbord, P	107,441	-
Torny, K         133,745         Van Den Boogard, S C         102,153         -           Tong, J M         91,864         -         Van Frassen, B         129,763         3,180           Topp, D R         96,159         -         Van Acken, R         144,160         -           Torres Garza, M         93,318         -         Van Acken, R         144,160         -           Torres Garza, M         93,318         -         Van Acken, R         144,160         -           Torres Garza, M         93,518         -         Vanasse, M         131,991         -           Torstveit, R         100,668         -         Vandermark, J         89,775         -           Townend, R         80,552         -         Vane, V         100,577         1,154           Track, J P         91,518         -         Varga, M         105,272         -           Track, J P         164,962         3,066         Var, H         137,443         988           Track, J P         97,154         Csos         Vargan, D         147,331         -           Track, J P         97,644         Verg Poan, D         147,331         -           Track, L         106,352         800 <t< td=""><td>Tolnai, D J</td><td>110,382</td><td>473</td><td>Vakili, H S</td><td>99,511</td><td>-</td></t<>	Tolnai, D J	110,382	473	Vakili, H S	99,511	-
Tong, JM         91,364         -         Van Fraassen, B         122,763         31,80           Topping, S         111,364         -         Van Acken, R         144,190         -           Torres Rivara, M         93,318         -         Van Lare, NG         122,082         -           Torres Rivara, M         85,250         -         Vanases, M         131,991         -           Torres Rivara, M         85,250         -         Vandekerckhove, G         107,701         -           Torsenkivas, M         85,250         -         Vandekerckhove, G         107,701         -           Townend, R         80,552         -         Vane, V         100,577         1,154           Trach, J         97,253         -         Varag, M         105,272         -           Trach, J         97,154         659         Vear, R         103,443         988           Trarter, J         97,154         659         Vear, R         125,256         -           Trawis, R         91,766         -         Veragpan, D         147,331         -           Tremblay, M         93,351         -         Veragpan, D         147,331         -           Tremolay, M         93,35	Tomono, T	117,702	220	Valizadehasl, M	93,841	-
Toop, D.R         96,159         -         Van Horn, D.M         127,731         -           Topping, S         111,344         -         Van Acken, R         141,690         -           Torres Garza, M         93,318         -         Van Laare, N G         122,082         -           Torres-Rivas, W         85,250         -         Vanasse, M         131,991         -           Torstveit, R         100,668         -         Vandermark, J         89,775         -           Townend, R         80,552         -         Van, V         100,577         1,154           Track, J P         164,962         3,086         Varga, M         105,272         -           Track, J P         1164,962         3,086         Varga, M         105,272         -           Track, J P         1164,962         3,086         Varga, M         105,272         -           Track, J P         97,164         2,952         Vashisht, S         110,912         -           Track, J P         97,644         2,952         Vashisht, S         106,933         -           Trink, L         109,352         600         Vian, A         78,846         60           Trink, L         106,352 <td>Tomyk, K</td> <td>133,745</td> <td>-</td> <td>Van Den Boogaard, S C</td> <td>102,153</td> <td>-</td>	Tomyk, K	133,745	-	Van Den Boogaard, S C	102,153	-
Topping, S         111,364         -         Van Acken, R         144,190         -           Torrese Rivas, W         86,250         -         Vanaase, M         131,991         -           Torrese, Rivas, W         86,250         -         Vanasse, M         131,991         -           Torse, Rivas, W         86,552         -         Vandekerckhove, G         107,701         -           Torsch, J.         97,556         -         Vanasse, M         100,577         1,154           Trach, D         91,518         -         Vangarsveld, S         140,970         667           Trach, J.P         164,962         3,086         Varr, H         137,443         998           Trach, J.P         164,962         3,086         Varr, H         137,443         998           Trach, J.P         164,962         3,086         Varr, RD         125,256         -           Trach, J.P         97,154         659         Veer, RD         125,256         -           Track, L         106,142         -         Verroy, MP         108,746         1015           Truckau, MH         108,351         -         Veer, RD         126,344         600           Trudeau, MH <td< td=""><td>Tong, J M</td><td>91,364</td><td>-</td><td>Van Fraassen, B</td><td>129,763</td><td>3,180</td></td<>	Tong, J M	91,364	-	Van Fraassen, B	129,763	3,180
Torres Garza, M         93,318         Van Laare, N G         122,082         -           Torres-Rivas, W         85,250         -         Vanase, M         131,991         -           Torstveir, R         100,068         -         Vandekerckhove, G         107,701         -           Touynend, R         80,552         -         Vane, V         100,577         1.154           Trach, D         91,518         -         Varga, M         105,272         -           Trach, J L         97,253         -         Varga, M         105,272         -           Trach, J P         164,962         3.086         Varn, H         137,443         998           Trace, J P         164,962         3.086         Varn, H         137,443         998           Trace, J P         164,962         3.086         Varn, H         137,443         998           Trace, J P         97,664         0ver, R D         125,256         1,677           Tordeau, M H         108,352         860         Viani, A         80,314         -           Tordeau, M H         108,352         860         Viani, A         80,314         -           Tysinski, R         100,807         -         Vien,	Toop, D R	98,159	-	Van Horn, D M	127,731	-
Torres.Nivas., W         85,250         ·         Vanasee, M         131,901         ·           Torstveit, R         100,668         ·         Vandekerckhove, G         107,701         ·           Torstveit, R         80,552         ·         Vandekerckhove, G         100,577         ·           Tarch, D         91,518         ·         Varga, M         105,272         ·           Trach, J L         97,253         ·         Varga, M         105,272         ·           Trach, J P         164,962         3,086         Varn, H         137,443         996           Trach, S         109,754         659         Veer, R         87,558         1,767           Traviss, R         91,766         ·         Veer, RD         125,256         ·           Traviss, R         91,766         ·         Veer, RD         126,324         461           Traviss, R         91,766         ·         Veer, RD         126,326         ·           Traviss, R         91,766         ·         Verger, DA         127,473         ·           Traviss, R         91,766         ·         Verger, DA         127,473         ·           Traviss, R         91,766         ·	Topping, S	111,364	-	Van Acken, R	144,190	-
Torsteir, R         100,668         -         Vandekerckhove, G         107,701         -           Tough, S         75,606         -         Vandermark, J         89,775         -           Townend, R         80,552         -         Vane, V         100,577         1,154           Trach, J L         97,253         -         Varg, M         105,272         -           Track, J P         164,962         3,086         Varn, H         137,443         998           Trare, R         139,454         2,952         Vashisht, S         110,912         -           Tranter, J         97,164         69         Veer, R         87,558         1,767           Traiss, R         91,766         -         Veer, RD         125,256         -           Tremblay, M         93,351         -         Vergue, DA         127,473         -           Trick, L         106,142         -         Verdicchio, A         120,374         461           Trink, P         97,664         Vernoy, M P         108,746         1,015           Traid, G         173,861         3,086         Vigit, MA         83,193         3,126           Tsang-Trinaistich, T         138,83         -			-			-
Tough, S         75,606         -         Vandermark, J         88,775         -           Townerd, R         80,552         -         Vane, V         100,577         1,154           Trach, D         91,518         -         Varga, M         105,272         -           Track, JP         164,962         3,066         Varga, M         105,272         -           Track, JP         139,454         2,952         Varga, M         107,443         908           Tranter, J         97,154         659         Veer, R         87,558         1,767           Traviss, R         91,766         Veer, RD         125,256         -           Trick, L         106,142         Verapan, D         147,331         -           Trudeau, MH         108,52         860         Vauge, DA         120,334         461           Trudeau, MH         108,52         860         Vigi, MA         80,314         -           Tsang, G         173,861         3,086         Vigi, MA         80,314         -           Tsang, J         85,142         Vilami, J         95,785         -         -           Tsang, K         103,681         658         Visona, M         102,514			-			-
Townend, R         80,552         Vane, V         100,777         1,154           Trach, D         91,518         -         Vanjaarsveld, S         140,970         667           Trach, J L         97,253         -         Varg, M         135,472         -           Track, J P         164,962         3,086         Varn, H         137,443         998           Trark, J         97,154         659         Veer, R         87,558         1,767           Trankr, J         91,766         -         Veer, R D         125,256         -           Tremblay, M         93,351         -         Verappan, D         147,331         -           Trotk, L         106,142         -         Verdiochi, A         122,334         461           Trink, P         97,664         -         Vernoy, M P         108,746         1015           Trotk, KA         109,865         -         Vernoy, M P         108,746         1015           Trotk, G         107,876         -         Viernoy, M P         108,746         1015           Track, J         107,876         -         Viern, C A         83,193         3,126           Tsai, G         173,861         3,086         Vig			-			-
Trach, D         91,518         -         Vanjaarsveld, S         140,970         667           Track, J P         164,962         3,086         Varga, M         105,272         -           Track, J P         164,962         3,086         Varn, H         197,443         998           Trarter, J         97,154         659         Veer, R         87,558         1,767           Tranter, J         91,766         -         Veer, R D         125,256         -           Trenviss, R         91,766         -         Veer, R D         120,334         461           Trick, L         106,142         -         Vericchio, A         120,334         461           Trick, KA         109,955         -         Veuger, DA         127,473         -           Trucheau, M H         108,352         860         Viair, A         83,193         3,126           Tsang, G         173,861         3,086         Vigil, MA         80,314         -           Tsang, J         66,135         -         Viare, CA         83,193         3,126           Tsang, Trinaistich, J         87,348         -         Virgil, S         122,514         -           Tsang, Trinaistich, J         136,	-		-			-
Trach, J L         97,253         -         Varga, M         105,272            Track, J, P         164,962         3,086         Varn, H         137,443         998           Track, J         97,154         659         Veer, R         87,558         1,767           Traviss, R         91,766         -         Veer, R D         125,256         -           Tremblay, M         93,351         -         Verappan, D         147,331         -           Trick, L         106,142         -         Verapon, D         125,256         -           Trick, L         106,142         -         Verapon, D         127,473         -           Trick, L         106,142         -         Verapon, D         127,473         -           Trotk, XA         109,965         -         Veuger, DA         127,473         -           Trudeau, M H         108,522         860         Viari, A         78,848         60           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang-Trinaistich, T         138,941         -         Viriari, S         122,514         -           Tsang-Trinaistich, T         138,941         - <td></td> <td></td> <td>-</td> <td></td> <td>100,577</td> <td></td>			-		100,577	
Tack, J P         164,962         3,086         Varn, H         137,443         998           Trackr, R         139,454         2,952         Vashisht, S         110,912         -           Tranter, J         97,154         659         Veer, R D         125,256         -           Traviss, R         91,766         -         Veer, R D         125,256         -           Trenblay, M         93,351         -         Verdicchio, A         120,334         461           Trick, L         106,142         -         Verdicchio, A         120,334         461           Trut, KA         109,965         -         Veuger, D A         127,473         -           Trudeau, M H         108,552         860         Viani, A         80,314         -           Tsaig, G         173,861         30,86         Vigi, M A         80,314         -           Tsang, W         85,142         -         Vilke, S         106,069         -           Tsang, Trinaistich, J         87,348         -         Virgi, S         122,514         -           Tsang, K         103,681         658         Vison, M         106,226         -           Tsen, R         77,458         Visis			-			687
Traer, R         139,454         2,952         Vashisht, S         110,912         -           Tranter, J         97,154         669         Veer, R         87,558         1,767           Trantiss, R         91,766         Veer, R         D         125,256         -           Tremblay, M         93,351         Verappan, D         147,331         -           Trick, L         106,142         Verdicchio, A         120,334         461           Trink, P         97,664         Veroy, MP         108,766         1,015           Trudeau, M H         108,352         860         Viani, A         80,314         -           Trudeau, M H         108,352         860         Viani, A         80,314         -           Tsang, J         86,135         Vier, R         80,314         -         -           Tsang, W         85,142         Villamil, J         95,785         -         -           Tsang-Trinaistich, J         87,348         Visintin, L         99,437         -         -           Tsang, K         103,881         658         Visona, M         75,552         -         -           Tsang, J         107,581         Vistoune, M         114,006			-	_		
Tranter, J         97,154         659         Veer, R         87,558         1,767           Traviss, R         91,766         -         Veer, R D         125,256         -           Tremblay, M         93,351         -         Verappan, D         147,331         -           Trick, L         106,142         -         Verdicchio, A         120,334         461           Trink, P         97,664         -         Veroy, M P         108,746         1,015           Trudeau, M H         108,352         860         Viani, A         78,848         60           Tryinski, R         100,807         -         Vier, CA         83,193         3,126           Tsaing, J         86,135         -         Vike, S         106,089         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, J         86,135         -         Vister, S         106,089         -           Tsang-Trinaistich, T         138,941         -         Visture, N         106,226         -           Tseng, K         103,861         658         Vison, M         75,552         -         -           Tseng, Trinaistich, T         138,941 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Traviss, R         91,766         -         Veer, R D         125,256         -           Tremblay, M         93,351         -         Verappan, D         147,331         -           Trick, L         106,142         -         Verdicchio, A         120,334         461           Trinh, P         97,664         -         Vernooy, M P         108,748         1,015           Trutdeau, M H         108,352         860         Viani, A         78,848         60           Trylinski, R         100,807         -         Viera, C A         83,193         3,126           Tsang, M         86,135         -         Vike, S         106,089         -           Tsang, W         85,142         -         Villamil, J         95,785         -           Tsang, Trinsitich, J         87,348         -         Virji, S         122,514         -           Tsang-Trinsitich, T         138,941         -         Virgi, S         122,514         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tskag, H         93,913         -         Vissers, L         85,667         -           Tudor, L R         97,384         60<		,				
Tremblay, M         93,351         -         Verappan, D         147,331         -           Trick, L         106,142         -         Verdicchio, A         120,334         461           Trich, P         97,664         -         Verdicchio, A         120,334         461           Trott, KA         109,965         -         Veuger, DA         127,473         -           Trudeau, M H         108,352         860         Viani, A         78,848         60           Typlinski, R         100,807         -         Vieira, CA         83,193         3,126           Tsai, G         173,861         3,086         Vigil, MA         80,314         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, W         86,142         -         Villemil, J         96,785         -           Tsang-Trinaistich, J         87,348         -         Viritu, S         122,514         -           Tsang-Trinaistich, T         138,981         -         Visinin, L         99,437         -           Tseng, K         103,681         658         Vison, M         76,852         -           Tudge, J J         107,581 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>1,767</td></t<>						1,767
Trick, L         106,142         -         Verdischio, A         120,334         461           Trinh, P         97,664         -         Vernooy, M P         108,746         1.015           Trutkau, M H         108,352         860         Viani, A         78,848         60           Trutheau, M H         108,352         860         Viani, A         78,848         60           Trutheau, M H         108,352         860         Viani, A         83,193         3,126           Tsain, G         173,861         3,086         Vigil, MA         80,314         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, Trinaistich, J         87,348         -         Viri, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -         -           Tudge, J         107,581         -         Vistona, B         114,006         -         -           Tudy, L         97,394         60         Vohora, N         101,308         -         -			-			-
Trinh, P         97,664         -         Vernoy, M P         108,746         1,015           Trott, KA         109,965         -         Veuger, D A         127,473         -           Trudeau, M H         108,352         860         Viani, A         78,848         60           Trylinski, R         100,807         -         Viera, CA         33,193         3,126           Tsai, G         173,861         3,086         Vigil, MA         80,314         -           Tsang, W         85,142         -         Villamil, J         95,765         -           Tsang-Trinaistich, J         87,348         -         Virji, S         122,514         -           Tseng, K         103,881         658         Visona, M         75,952         -           Tseng, K         103,881         658         Visona, M         75,952         -           Tudor, L R         97,185         -         Vistaunet, B         114,006         -           Turding, L         75,952         -         Vogtt, K A         89,671         -           Tudor, L R         97,185         -         Vitkovic, M         101,308         -           Turdinkv, B         116,243         1,033 </td <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	-					-
Trott, KA         109,965         -         Veuger, DA         127,473         -           Trudeau, M H         108,352         860         Viani, A         78,848         60           Tsai, G         173,861         3,086         Vigira, CA         83,193         3,126           Tsain, G         173,861         3,086         Viker, S         106,089         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, Trinaistich, J         87,348         -         Virlue, N M         106,226         -           Tsang-Trinaistich, T         138,941         -         Virlue, N M         106,226         -           Tseng, K         103,681         658         Visona, M         75,952         -         -           Tudge, J J         107,581         -         Vissers, L         85,667         -           Tudge, J J         107,581         -         Vistaunet, B         114,006         -           Tudge, J J         107,581         -         Vistauret, B         114,006         -           Tudge, J J         116,243         1,033         Volpe, L A         92,010         -           Tudge, J J						
Trudeau, M H         108,352         860         Vian, A         78,848         60           Trylinski, R         100,807         -         Vieira, C A         83,193         3,126           Tsai, G         173,861         3,086         Vigil, M A         80,314         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang-Trinaistich, J         87,348         -         Virli, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Virlue, N M         106,226         -           Tse, R         77,458         -         Visinin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tudge, J         107,581         -         Vistaunet, B         114,006         -           Tudy, L R         97,185         -         Vitovic, M         126,944         551           Tuerlings, L         75,982         -         Vogt, K A         89,671         -           Turbok, J         116,243         1,033         Volpi, P         83,317         -           Tuerki, J         118,201         103 </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td>				-		-
Trylinski, R         100,807         -         Vieira, CA         83,193         3,126           Tsai, G         173,861         3,086         Vigil, MA         80,314         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, W         85,142         -         Villamil, J         95,785         -           Tsang-Trinaistich, J         87,348         -         Virji, S         122,514         -           Tseng, K         138,941         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tudge, J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Tureings, L         75,982         -         Vogt, K A         89,671         -           Tureck, J         116,243         1,033         Volpe, L A         92,010         -           Tureck, J         116,243         1,033         Volpe, L A         92,010         -           Tureck, J         116,243         1,033				_		
Tsai, G         173,861         3,086         Vigil, M A         80,314         -           Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, W         85,142         -         Villamil, J         95,785         -           Tsang-Trinaistich, J         87,348         -         Viri, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Visue, N M         106,226         -           Tse, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tudey, J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Tuelings, L         75,962         -         Vogt, K A         89,671         -           Turky, A         97,394         60         Vohora, N         101,308         -           Turek, J         116,243         1,033         Volpi, P         83,317         -           Turek, B         134,107         -         V			860			
Tsang, J         86,135         -         Vike, S         106,089         -           Tsang, W         85,142         -         Villamil, J         95,785         -           Tsang-Trinaistich, J         87,348         -         Virjus, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Virtue, NM         106,226         -           Tse, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tsky, R         93,913         -         Vissers, L         85,667         -           Tudge, J         107,581         -         Vitkovic, M         126,944         551           Tuerlings, L         75,982         -         Vogt, KA         89,671         -           Turly, A         97,394         60         Vohora, N         101,308         -           Turcic, K         108,408         167         Volpe, LA         92,010         -           Tureki, J         116,243         1,033         Volpi, P         83,317         -           Turkiev, B         134,107         -         Von			-			
Tsang, W         85,142         -         Villamil, J         95,785         -           Tsang-Trinaistich, J         87,348         -         Virji, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Vire, NM         106,226         -           Tseng, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tudge, J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vistaunet, B         114,006         -           Turly, A         97,394         60         Vohra, N         101,308         -           Turcic, K         108,408         167         Volpe, LA         92,010         -           Turcki, J         116,243         1,033         Volpi, P         83,317         -           Turshev, B         134,107         -         Von Minden, M E         98,747         120           Turnbull, A         83,278         -         Voskakis, S         93,566         308           Turnbull, A         133,116         11			3,000	-		-
Tsang-Trinaistich, J         87,348         -         Virji, S         122,514         -           Tsang-Trinaistich, T         138,941         -         Virtue, N M         106,226         -           Tseng, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tsikayi, R         93,913         -         Vissers, L         85,667         -           Tudge, JJ         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Turly, A         97,394         60         Vohora, N         101,308         -           Turly, A         97,394         60         Vohora, N         101,308         -           Turloki, J         116,243         1,033         Volp, L A         92,010         -           Turshev, B         134,107         -         Von Minden, ME         98,747         120           Turbull, A         83,278         -         Voskakis, S         93,568         308           Turner, S         133,116 <td< td=""><td>•</td><td></td><td>-</td><td></td><td></td><td>-</td></td<>	•		-			-
Tsang-Trinaistich, T         138,941         -         Virtue, N M         106,226         -           Tse, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tsikayi, R         93,913         -         Vissers, L         85,667         -           Tudge, J J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Tuerlings, L         75,982         -         Vogt, K A         89,671         -           Turliy, A         97,394         60         Vohora, N         101,308         -           Turcic, K         108,408         167         Volpe, L A         92,010         -           Turscki, J         116,243         1,033         Volpi, P         83,317         -           Turshev, B         134,107         -         Von Minden, M E         98,747         120           Turnbull, A         83,278         -         Voskais,S         93,568         308           Turmer, S         133,116         11,87	•					-
Tse, R         77,458         -         Visintin, L         99,437         -           Tseng, K         103,681         658         Visona, M         75,952         -           Tsikayi, R         93,913         -         Vissers, L         85,667         -           Tudge, J J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vistaunet, B         116,004         551           Tuerlings, L         75,982         -         Vogt, K A         89,671         -           Turice, K         108,408         167         Volpe, L A         92,010         -           Turseki, J         116,243         1,033         Volpi, P         83,317         -           Turshev, B         134,107         -         Von Minden, M E         98,747         120           Turnbull, A         83,278         -         Voskakis, S         93,568         3088           Turner, A         133,116         11,870         Voth, V         88,762         -           Turner, S         133,970         -         Vukelic, Z         82,287         -           Turner, S D         123,717         150	-				,	-
Tseng, K         103,681         658         Visona, M         75,952         -           Tsikayi, R         93,913         -         Vissers, L         85,667         -           Tudge, J J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Tuerlings, L         75,982         -         Vogt, K A         89,671         -           Tully, A         97,394         60         Vohora, N         101,308         -           Turcic, K         108,408         167         Volpe, L A         92,010         -           Turcki, J         116,243         1,033         Volpe, L A         92,010         -           Turbev, B         134,107         -         Von Minden, M E         98,747         120           Turnbull, A         83,278         -         Voskakis, S         93,568         308           Turnbul, H         116,301         11         Voth, K L         87,633         113           Turner, S         133,116         11,870         Voth, V         88,762         -           Turner, S D         123,717         150 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-					
Tsikayi, R         93,913         -         Vissers, L         85,667         -           Tudge, J J         107,581         -         Vistaunet, B         114,006         -           Tudor, L R         97,185         -         Vitkovic, M         126,944         551           Tuerlings, L         75,982         -         Vogt, K A         89,671         -           Tully, A         97,394         60         Vohora, N         101,308         -           Turcic, K         108,408         167         Volpe, L A         92,010         -           Turceki, J         116,243         1,033         Volpi, P         83,317         -           Turnbull, A         83,278         -         Voskakis, S         93,568         308           Turnbull, H         116,301         11         Voth, K L         87,633         113           Turner, S         133,116         11,870         Voth, V         88,762         -           Turner, S         133,970         -         Vukelic, Z         82,287         -           Turner, S         123,717         150         Waddell, D         82,739         1,526           Tutle, R         97,535         60			658			
Tudge, J J107,581-Vistaunet, B114,006-Tudor, L R97,185-Vitkovic, M126,944551Tuerlings, L75,982-Vogt, K A89,671-Tully, A97,39460Vohora, N101,308-Turcic, K108,408167Volpe, L A92,010-Turseki, J116,2431,033Volpi, P83,317-Turshev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, DD82,7391,526Twarog, D90,017-Waite, J A L98,961-Twarog, G96,791-Waite, R W90,085-Twarog, G96,791-Waite, R B110,877-Tweedie, M B139,775-Walker, B110,877-Twendow, C J101,5083,205Walker, C75,893450	•					_
Tudor, L R97,185-Vitkovic, M126,944551Tuerlings, L75,982-Vogt, K A89,671-Tully, A97,39460Vohora, N101,308-Turcic, K108,408167Volpe, L A92,010-Turcki, J116,2431,033Volpi, P83,317-Turshev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Turk, R97,53560Wahl, J A100,2031,685Twarog, D90,017-Waite, R W90,085-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twenlow, C J101,5083,205Walker, C75,893450	-					-
Tuerlings, L75,982-Vogt, K A89,671-Tully, A97,39460Vohora, N101,308-Turcic, K108,408167Volpe, L A92,010-Turecki, J116,2431,033Volpi, P83,317-Turishev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twarog, D90,017-Waite, R W90,085-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twemlow, C J101,5083,205Walker, C75,893450						551
Tully, A97,39460Vohora, N101,308-Turcic, K108,408167Volpe, L A92,010-Turecki, J116,2431,033Volpi, P83,317-Turishev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twarog, D90,017-Waite, J A L98,961-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twenlow, C J101,5083,205Walker, C75,893450				-		-
Turcic, K108,408167Volpe, L A92,010-Turecki, J116,2431,033Volpi, P83,317-Turishev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, SD123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twarog, D90,017-Waite, J A L98,961-Twarog, G96,791-Walka, M148,494998Tweedie, M B139,775-Walker, B110,877-Twemlow, C J101,5083,205Walker, C75,893450	•					-
Turecki, J116,2431,033Volpi, P83,317-Turishev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twa, J S191,4633,086Waite, J A L98,961-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twemlow, C J101,5083,205Walker, C75,893450						-
Turishev, B134,107-Von Minden, M E98,747120Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twa, J S191,4633,086Waite, J A L98,961-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twemlow, C J101,5083,205Walker, C75,893450						-
Turnbull, A83,278-Voskakis, S93,568308Turnbull, H116,30111Voth, K L87,633113Turner, A133,11611,870Voth, V88,762-Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twa, J S191,4633,086Waite, J A L98,961-Twarog, D90,017-Waite, R W90,085-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twemlow, C J101,5083,205Walker, C75,893450						120
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Turner, S133,970-Vukelic, Z82,287-Turner, S D123,717150Waddell, D82,7391,526Tuttle, R97,53560Wahl, J A100,2031,685Twa, J S191,4633,086Waite, J A L98,961-Twarog, D90,017-Waite, R W90,085-Twarog, G96,791-Walia, M148,494998Tweedie, M B139,775-Walker, B110,877-Twenlow, C J101,5083,205Walker, C75,893450	Turner, A		11,870			-
Tuttle, R         97,535         60         Wahl, J A         100,203         1,685           Twa, J S         191,463         3,086         Waite, J A L         98,961         -           Twarog, D         90,017         -         Waite, R W         90,085         -           Twarog, G         96,791         -         Waite, M         148,494         998           Tweedie, M B         139,775         -         Walker, B         110,877         -           Twenlow, C J         101,508         3,205         Walker, C         75,893         450		133,970	-	Vukelic, Z	82,287	-
Tuttle, R         97,535         60         Wahl, J A         100,203         1,685           Twa, J S         191,463         3,086         Waite, J A L         98,961         -           Twarog, D         90,017         -         Waite, R W         90,085         -           Twarog, G         96,791         -         Waite, M         148,494         998           Tweedie, M B         139,775         -         Walker, B         110,877         -           Twenlow, C J         101,508         3,205         Walker, C         75,893         450			150			1,526
Twa, J S         191,463         3,086         Waite, J A L         98,961         -           Twarog, D         90,017         -         Waite, R W         90,085         -           Twarog, G         96,791         -         Waita, M         148,494         998           Tweedie, M B         139,775         -         Walker, B         110,877         -           Twenlow, C J         101,508         3,205         Walker, C         75,893         450						
Twarog, D         90,017         -         Waite, R W         90,085         -           Twarog, G         96,791         -         Walia, M         148,494         998           Tweedie, M B         139,775         -         Walker, B         110,877         -           Twemlow, C J         101,508         3,205         Walker, C         75,893         450						
Twarog, G         96,791         -         Walia, M         148,494         998           Tweedie, M B         139,775         -         Walker, B         110,877         -           Twemlow, C J         101,508         3,205         Walker, C         75,893         450	Twarog, D	90,017	-	Waite, R W	90,085	-
Tweedie, M B         139,775         -         Walker, B         110,877         -           Twemlow, C J         101,508         3,205         Walker, C         75,893         450	-		-			998
	-	139,775	-	Walker, B	110,877	-
Tynan, K 87,227 706 Walker, C N 93,913 -		101,508	3,205	Walker, C	75,893	450
	Tynan, K	87,227	706	Walker, C N	93,913	-

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Walker, D J	96,651	-	White, F E	84,331	-
Walker, K L	90,260	-	White, J	93,739	-
Wall, B	82,090	-	White, P	121,902	6,161
Wall, D	95,956	-	White, R	84,787	-
Wall, G	75,931	-	White, W B	131,234	105
Wallace, G M	119,805	-	Whitehead, A G	109,442	-
Walls, J	94,765	-	Whiteman, K J	105,235	-
Walls, J A	80,666	-	Whynott, B M	79,115	1,739
Waloszek, E	112,555	-	Wiebe, B P	93,427	-
Walsh, R P	86,193	_	Wiebe, J	110,709	499
Walton, R	97,300	511	Wieler, H	82,987	3,557
Walz, S	86,973	-	Wightman, C	79,607	-
Wan, K	136,232	_	Wilde, C	103,021	-
Wang, C	109,416	1,038	Wilde, M	81,211	591
Wang, H	80,713	-	Wiley, D	113,123	001
Wang, Q	100,605	-	Wiley, K R	85,730	-
Wang, S	91,737	449	Wiley, S	99,161	-
Wang, 3 Wanklin, T	131,162	-	Wilgosh, J	105,531	-
	89,681		•	76,075	-
Ward, B H		-	Wilkins, E		-
Ward, S	111,418	-	Wilkinson, C	93,688	-
Wardell, M	102,693	85	Wilkinson, J D	96,470	-
Warkentin, J W	112,624	-	Williams, C	107,919	1,530
Warn, A J K	104,111	-	Williams, C D	81,304	-
Warner, P	121,699	3,417	Williams, D	84,767	-
Warnock, R C	149,277	306	Williams, L	118,847	1,914
Warwick, R	114,512	-	Williams, M	82,460	-
Washington, B D	77,391	-	Williams, R	123,078	2,409
Wassenaar, F J	80,074	-	Williams, R	87,107	-
Watanabe, Y	80,941	-	Williams, R J	114,900	-
Watkins, C M	88,146	-	Willis, B	94,323	-
Watkins, E	101,143	265	Wilson, D	153,264	1,894
Watson, R S	127,603	-	Wilson, G A	126,587	-
Watson, S D	101,978	-	Wilson, H	95,660	-
Watt, B A	77,148	-	Wilson, J A	80,848	226
Watteyne, T	91,838	473	Wilson, K J	153,906	753
Watts, C G	88,045	-	Wilson, M	104,881	-
Watts, D	109,957	-	Wilson, R	109,521	609
Watts, E	142,534	5,736	Wilson, S	119,905	622
Webb, S	107,859	-	Wilson, T H	83,878	-
Weber, P W	105,222	-	Wilton, S	204,409	2,999
Webster, B	85,202	-	Wingert, C	111,936	-
Webster, G	86,560	26	Winsemann, H	81,553	-
Weeks, R	107,889	68	Winstanley, D	116,587	1,903
Wei, J	109,585	-	Winter, R D	85,512	-
Weiss, R	98,926	-	Wittgens, M	175,334	559
Welch, K	104,059	-	Wiwchar, J	89,816	-
Welder, B	96,934	-	Wojcik, K	84,724	-
Wellington, T	108,475	-	Wojnarski, D	90,787	-
Wells, N R	110,647	-	Wold, B	128,204	-
Wells, S	102,706	473	Wolff, K	101,322	-
Werfl, C	86,225	-	Won, C	118,411	-
Werner, R R	82,060	306	Wong, A	108,661	-
Westerman, D	101,466	-	Wong, A	85,725	-
Westgate, J B	103,301	-	Wong, A	79,908	1,321
Wewala, D	90,339	395	Wong, A H	91,488	-
Whincup, M	115,430	-	Wong, B	127,321	-
Whincup, T	81,942	-	Wong, B	104,666	1,136
1.7.1	,• .=	167	Wong, B F	,	.,

# **CITY OF VANCOUVER**

Name	Remuneration	Expenses	Name	Remuneration	Expenses
Wong, C A	77,134		Yong, M	88,430	102
Wong, D	153,264	2,565	Young, B A	127,523	-
Wong, E	113,654	-	Young, C	121,436	-
Wong, G R	127,614	-	Young, S W	155,277	5,314
Wong, H	84,543	1,534	Yu, E	79,811	-
Wong, J	114,075	1,269	Yu, J	90,597	3,808
Wong, J	81,087	-	Yu, S	78,340	-
Wong, K	92,503	-	Yuan, B	90,261	-
Wong, S	76,025	-	Yuen, O	90,997	998
Wong, T	75,615	-	Yung, C	77,077	-
Wong, V	88,563	543	Yung, P S K	81,615	520
Wong, W	110,763	436	Zachariah, A	97,410	674
Wong, W	78,918	-	Zacharias, A J	86,682	2,084
Woo, H	120,964	1,321	Zacharuk, J P	154,277	6,022
Woo, L	79,550	-	Zaenker, A J	120,682	-
Wood, G P	130,766	-	Zak, M	180,260	1,508
Wood, J	103,497	-	Zammar, J	152,095	1,844
Wood, S	113,792	1,823	Zanardo, T	79,801	2,824
Woodhouse, M	82,867	29	Zandbergen, M	98,024	2,024
Woods, B C	175,109	3,116	Zaturecky, S	101,679	- 272
Woods, B L	92,294	415	Zawada, A N		212
		8		128,257	-
Wotherspoon, P	83,963		Zedan, R	88,827	928
Wray, B A	125,660	-	Zeegers, R	79,194	-
Wright, G	107,876	-	Zeng, Y	116,099	-
Wright, S	90,539	-	Zhang, C	92,868	-
Wroblewski, A	99,335	-	Zhang, C	75,136	-
Wu, H	91,647	-	Zhang, Z	92,808	20
Wu, M	75,942	131	Zhao, Q	121,810	998
Wuerch, C T	88,223	-	Zheng, J	87,952	-
Wulder, J	81,245	620	Zhou, Z	75,807	-
Xian, Q	95,247	-	Zhu, H	107,124	-
Xiao, Z	78,538	891	Ziegenfuss, E	81,316	4
Xiong, L	108,675	-	Zienty, E	97,732	308
Xu, C	93,751	131	Zimmermann, B	119,978	-
Yackel, A B	119,671	-	Zoney, J	109,561	-
Yamamoto, K	78,899	-	Zoppa, K T E	124,814	-
Yang, A	92,212	-	Zouenko, A	89,722	1,610
Yang, H W	98,450	-	Zuccarello, R	90,593	209
Yarych, T R	121,465	-	Zuffa, D	75,130	-
Yates, M	110,883	-	Zupan, M	155,459	1,948
Yee, A	103,012	605	Zupan, M	110,943	-
Yee, A	85,203	-	Zuzik, Y	84,362	400
Yee, K	85,794	-		\$313,528,262	\$1,705,595
Yee, K	78,192	68			
Yee, L	118,452	436	Under \$75,000	235,936,790	241,155
Yeh, Y D	75,885	389			
Yep, A	76,592	131	Grand Total	\$549,465,052	\$1,946,750
Yip, M	93,514	-			· · · ·
Yip, R Y	82,046	21			

The variance between the remuneration schedule and the salaries and benefit expenses reported in the consolidated financial statements of the City are attributable to a number of factors including:

- the remuneration schedules are based on actual payments made in the year (including payouts of vacation, gratuity, overtime banks) whereas the financial statement figure is determined on an accrual basis,
- the remuneration schedules exclude the Vancouver Police department,
- the remuneration includes taxable benefits which are recorded at full cost in the financial statements and includes items such as parking, leased vehicles and medical benefits.
- the remuneration Schedule excludes "Consolidated Entities" viz. PNE, EasyPark, VEC, etc.

Number of Agreements

5

Equivalent Number of Gross Monthly Salary

0.5 to 10

Prepared in accordance with the Financial Information Regulation Schedule 1, Section 6 (7)

# SCHEDULE OF PAYMENTS

# **TO SUPPLIERS OF**

# **GOODS AND SERVICES**

(OVER \$25,000)

- CITY OF VANCOUVER
- VANCOUVER BOARD OF PARKS AND RECREATION
- VANCOUVER POLICE BOARD
- VANCOUVER PUBLIC LIBRARY BOARD

PREPARED IN ACCORDANCE WITH THE FINANCIAL INFORMATION REGULATION SCHEDULE 1, SECTION 7 (1) AND (2)

	<b>•</b> 170 100		54 400
0894914 BC Ltd	\$ 172,490	Alternative Dispute Resolutions	51,426
0930501 BC Ltd	48,216	Alternative Dispute Resolution Inst of BC (ADRBC) Alternative Urban Development, LLC	92,011
101 West Hastings Holding Ltd 1080419 BC Ltd	1,071,629		29,899
	81,229	Altus Group Limited Always Excavating Ltd	28,885
1136466 BC Ltd 123 West Communications Inc	98,437	Amazon	26,101 198,843
1507678 Ontario Inc.	25,332		
24 Hour Shuttle Ltd	126,784	AME Consulting Group Ltd	302,149
360 Surveillance Inc	35,261	Ameresco Asset Sustainability Group	198,030
300 Surveinance inc 3M Canada Co	51,385	Ameresco Canada Inc	60,048
3R Demolition Corp	165,053	American Express	147,074
	90,939	American Investments Ltd & Western Mrtg Dev't	42,094
4MK Consulting Ltd 4Refuel Canada LP	98,061	Amin Savji Notary Corp In Trust	3,471,079
	117,114	Andec Agencies Ltd Andrew Peller Ltd	29,222
4th Utility Inc 550 Burrard Street Ltd	663,254 183,097	Anixter Canada Inc	136,888
669251 Alberta Ltd		Annex Consulting Group Inc	92,479 752 520
A & B Rail Services Ltd	35,647	<b>C</b> 1	753,529
	42,989 156,679	Ansan Traffic Control Aplin & Martin Consultants Ltd	4,165,628
A & N Trucking 1986 Ltd			162,589
A & S Design Ltd	30,338	Applied Electronics Ltd	234,138
A Belluz Design & Communications	54,718	AquaTerra Environmental Ltd	106,512
A J Forsyth & Co Ltd A Power Services Ltd	44,507	Aquilini Properties LP	285,280
	274,068	Aquionics, Inc	26,749
A R Mower & Supply Ltd A Randhawa Trucking	115,110	Aramark Canada Ltd	1,743,318
-	140,391	Arbor Body Shop (1980) Ltd	135,299
A.C.T. Equipment Sales Ltd	26,802	Arete Safety And Protection Inc ARO Inc	32,767
Abbott ABC Pipe Cleaning Services Ltd	33,936 33,776	Arrow Marine Services Ltd	42,546
ABC Pipe Cleaning Services Ltd ABC Transmissions Ltd	33,776		72,900
Accela Inc	85,900	Artefactual Systems Inc Artstarts In School	49,449
Acceo Solutions Inc	40,549 107,306	Asbury College	31,983 32,623
		Ashton Mechanical Ltd	
Achjadi, Sri Achdiyanti	25,567	Asian Environmental Association	697,561
Acklands-Grainger Inc Acme Decalcomania Limited	308,911		68,872
Acme Fire & Safety Co. Ltd	29,985 71,992	Assertive Excavating & Demolition Ltd AssetWorks	86,641 347,832
Actes Environmental Ltd	44,589	Associated Engineering (BC) Ltd	1,729,954
Action Athletic Wear	44,509 80,180	Associated Fire Safety Maintenance	645,494
Action Electric Ltd	175,241	Association of Neighbourhood Houses	174,344
Action Glass Inc	358,076	Astrographic Industries Ltd	57,524
Action Target Inc Law Enforcement Targets Inc		Ateeq Trucking Ltd	
Activated Automatic Door Systems Ltd	112,830 54,964	Atira Women's Resource Society	103,251 31,318
Acton Ostry Architects Inc	129,119	Atlas Power Sweeping Ltd	518,025
Acuere Consulting Inc	73,552	Atlas-Apex Roofing (BC) Inc	170,321
Adapt Pharma Canada Ltd	173,428	ATS Traffic - British Columbia Ltd	289,716
Adcentives	62,454	Aulak Trucking	126,724
Adlerhorst International Inc	33,125	Aura Homes Ltd	163,800
Adjentions international inc	26,247	Ausenco Engineering Canada Inc	50,416
Advanced Systems Roofing & Waterproofing Ltd	1,181,476	Austin Metal Fabricators LP	41,222
AECOM Canada Limited	1,129,647	Autodesk Canada	269,777
Aeryon Labs Inc	93,530	AV Strategies Ltd	64,321
AES Engineering Ltd	74,217	Avis Car Rental	84,926
Ainsworth Inc	151,063	Avison Young Commercial Real Estate	300,000
Airsworth inc	325,569	AVI-SPL Canada Ltd	35,280
Air Canada Air Liquide Canada Inc	141,225	AVO Vehicle Outfitting Inc	44,411
Allied Plumbing, Heating & Air-Conditioning	65,100	B & D Auto Body & Glass Ltd	89,463
All-Pro Services Ltd	233,744	B. A. Blacktop Ltd	1,341,520
ALS Environmental	134,811	B.A. Robinson Co Ltd	672,298
ALS Environmental Alsco Uniform & Linen Services	174,647	Ball Superior, Ltd.	37,105
Altec Industries Ltd	116,746	Bank Of Montreal	203,675
	110,740		203,075

Barr Plastics Inc	50,526	British Columbia Firearms Academy Inc	36,655
Barry Hamel Equipment Ltd	34,571	British Columbia Profess'l Fire Fighters' Burn Fund	132,685
Basalite Concrete Products	33,336	Broadway Refrigeration & Air Cond. Co. Ltd	567,601
Baza Ventures Inc.	103,528	Brock White Canada ULC	32,119
BC Groundwater Consulting Services	44,607	Brooks Corning Co. Ltd	318,149
BC Hardwood Floor Co Ltd	45,145	Brown Bros Motor Lease Canada Ltd	92,813
BC Housing Management Commission	34,638	Brown Bros Ford	64,787
BC Hydro	15,159,253	Bruce Supply Ltd Brush Ex Services	62,907
BC Libraries Cooperative BC Municipal Safety Association	414,319 317,374	BSI Online ULC	71,764 134,452
BC Non-Profit Housing Assn	57,173	Bucha Brew Ltd	42,149
BC Plant Health Care Inc	41,110	Bugarinovic, Igor	27,539
BC Principals' and Vice-Principals' Assoc	185,378	Bunt & Associates Engineering Ltd	65,915
BC Rentals Ltd	85,942	Bureau Veritas Canada (2019) Inc	34,426
BCIT	98,209	Burnaby Bag & Burlap Ltd	31,179
BD Hall Constructors Corp	7,205,535	Burnkit Creative Inc.	107,102
BDI	49,232	Buster's Towing (1987) Ltd	877,676
Beach Avenue Barristers	31,583	BYD Canada Company Ltd	189,000
Beatty Floors Ltd	201,465	Bylands Nurseries Ltd	39,614
Beaver Electrical Machinery Ltd	35.812	C Y Loh Associates Ltd	25,972
Beijing Bookstore	72,754	C3m Construction	1,162,214
Bel Contracting	1,202,055	C4i Training & Technology Inc	118,850
Belfor Property Restoration	181,243	Caffe Umbria Canada	30,876
Bell Alliance In Trust	3,547,607	Calco Equipment (BC) Ltd	280,119
Bell Mobility Inc	1,969,209	Caliper Studio	29,976
Bell Phillips Safety Group Inc	30,838	Calleam Consulting Ltd	35,224
BentallGreenOak Canada LP	138,722	Calytera Software Inc	90,356
Best Buy Canada Ltd	38,885	Cambie Animal Clinic Ltd	38,304
Better Blend Coffee Ltd	31,901	CamCentral Systems Inc	165,398
BettsM Controls Inc	31,059	Camfil Canada Inc	61,775
BGIS Global Integrated Solutions	61,088	Camp Summit	30,510
Bhagat Virk Trucking	53,979	Canada Council for the Arts	52,837
Bibliocommons Inc	123,318	Canada Mortgage & Housing Corp	57,060
Bibliotheca Canada Inc	143,620	Canada Pipe Company ULC	1,756,728
Bigfoot Crane Company Inc	61,031	Canada Post Corporation	1,188,143
Bill Boons Consulting Services	58,221	Canada Spring Mfg (1988) Inc	41,923
Bill Mandher Trucking Ltd	31,080	Canada Ticket Inc	56,391
Biobest Canada Ltd	37,445	Canadian Assoc Chiefs of Police	130,419
Blackbear Excavating Ltd	143,561	Canadian Dewatering Ltd	315,475
B-Line Tire & Auto Supply (BC)	29,561	Canadian Doormaster Electric Ltd	406,785
BLT Limited Partnership	598,431	Canadian Electric Vehicles Ltd	102,117
Blue Horizon Hotel	25,394	Canadian International Dragon Boat Festival Soc	26,306
Blue Pine Enterprises Ltd	149,047	Canadian Landscape and Civil Services Ltd	841,086
Blue Water Systems Ltd	965,503	Canadian Linen & Uniform Service	308,367
BlueFish Design Studio Inc	37,619	Canadian Mental Health Association	35,245
Bollman Roofing & Sheet Metal Ltd	99,225	Canadian Pacific Railway Company	89,267
Bond Reproductions Inc	121,441	Canadian Red Cross Atlantic Zone	51,149
Boyden Vancouver Inc	86,899	Canadian Tire Corporation	56,756
Brady's Excavating	167,974	Canadian Western Trust	2,870,689
BrandAlliance Inc	35,988	CanCam CNC Machines Ltd	41,449
Brandt Tractor Ltd	35,784	Cannor Nurseries Ltd	106,650
Brar & Son Trucking Ltd	151,031	Cansel Survey Equipment Inc	93,588
Braystone Rockworks Ltd	62,191	Canterbury Coffee Corporation	48,879
Breaker's Marine Ltd	86,837	Cantest Solutions Inc	29,123
Brett Young Brinkman & Associates Referentation	89,113	Cap-It Richmond	37,731
Brinkman & Associates Reforestation Britannia Community Services Centre	110,297	Capital Grid Services Corp	147,546 135 230
Britannia Community Services Centre Britco BOXX Limited Partnership	2,367,550 877,200	Carbonet Holdings Inc Care Pest & Wildlife Control	135,230 232 710
Britco BOXX Limited Partnership Brite-Lite Inc.	877,200 182,088	Carse Pest & Wildlife Control Carseadden Stokes McDonald Architects Inc	232,719
	182,988	Carscauden Stokes wichonald Architects Inc	202,248

Cascade Wear BC Ltd	304,186	Colt Canada Corporation	91,728
Cascadia Strategy Consulting Partners Ltd	445,021	Command Engineering International Ltd	36,750
Cat The Rental Store	115,090	Commercial Truck Equipment Co	3,130,349
Catalyst Community Developments Society	4,862,735	Commissionaires	245,868
CBRE Limited	310,800	Community Builders Group	123,160
CBT Nuggets, LLC	25,003	Complex Projects Consulting Inc	71,032
CBV Collection Services Ltd	1,488,282	Compugen Inc	10,016,843
CC Equipment Sales Ltd CDC Construction Ltd	41,742 312,056	Computronix (Canada) Ltd Concert Real Estate Corporation	1,173,475 34,977
CDW Canada Corp	69,994	ContainerWest	84,850
Cedar Crest Lands (BC) Ltd	271,690	Contemporary Office Interiors Ltd	2,883,724
CelleBrite Inc	127,296	Conti Electronics Ltd	27,362
Centennial Food Service	204,683	Continental Roofing	112,851
Central Pacific Trucking Ltd	39,822	Convergent Information Systems	126,421
Centre For Equitable Library Access	43,696	Convergint Technologies Ltd	41,492
Certified Folder Display Service Canada, Inc	29,469	Cool Air Rentals Ltd	84,817
Certified Power Solutions	35,054	Cooper Equipment Rentals Ltd	45,689
CES City Electric Supply	51,074	Core6 Environmental Ltd	211,681
CES Engineering Ltd.	28,875	Coriolis Consulting Corp	296,870
Ceyssens And Bauchman Barristers & Solicitors	51,109	Coristine Woodall Barristers & Solicitors	90,529
CH2M Hill Canada Limited	194,273	Costco	82,219
ChainAnalysis Inc	40,806	COWI North America Ltd	339,364
Champlain Square LP	174,495	CP Code Consultants Ltd	100,493
Changes Consulting Services	65,940	CPat Distribution Inc	27,084
Chapman Burner And Heating Service Ltd	145,398	CPKN Network Inc	161,222
Chen & Leung "In Trust" Barrister & Solicitors	4,920,844	Creative Battery Systems	30,736
Chernoff Thompson Architects	572,837	Creative Embroidery	64,115
Chinese Community Policing Centre	128,700	Creative Energy Canada Platforms Inc	27,234
Chinese Cultural Centre of Greater Vancouver	53,033	Creative Energy Vancouver Platforms Inc	364,940
Christie Lites Sales	388,672	Creditron, Inc	82,133
Chroma Communications Inc	43,708	Cressey Development Corporation	1,641,473
Cimco Refrigeration	1,422,135	Crocker Equipment Co Ltd	193,047
Cintas Canada Ltd	26,206	Crown Contracting Limited	80,348
CIRA Medical Services Inc	54,923	Crown Roofing and Drainage Limited	33,537
City Elevator Ltd	1,307,400	CRS CraneSystems Inc	40,595
City Farmer	130,161	CSY Enterprise Ltd	40,880
City Hoe Services Ltd	739,493	CTH Systems Ltd	74,125
City of Calgary	148,564	Cubex Ltd	104,279
City Of Delta	4,976,313	Cullen Diesel Power Ltd	61,618
City Studio Vancouver Society	109,777	Cullen Western Star Cummins Canada ULC	66,800
Cityspaces Consulting Ltd CK Golf Solutions Ltd	43,937 35,340	Currie, Ashley	94,622 56,905
CK TechniConsulting Services	38,898	Cushman & Wakefield Ltd	105,394
Claire Hatcher Law Corporation	57,813	Custom Blacktop Co.	213,969
Claymore Clothes Ltd	98,765	CVS Midwest Tape LLC	505,991
Cleartech Industries Inc	405,340	CWMM Consulting Engineers Ltd	28,029
Clearview Demolition Ltd	780,516	CWPC Property Consultants Ltd	152,385
Club Prophet Systems	28,000	D & B Auger Services	35,478
Coast Mountain Bus Company	1,914,229	DA Architects + Planners	104,106
Coast Powertrain Ltd	31,177	Dams Ford Lincoln Sales Ltd	144,353
Coast Wholesale Appliances Ltd	54,312	Danatec Educational Services Ltd	70,644
Coastal Ford Sales Ltd	420,648	Daniel Lynagh & Sons Ltd	153,570
Cobra Electric Ltd	84,002	Darkhorse Analytics Inc	78,000
Coca-Cola Refreshments Canada	29,077	Datacore	294,398
Coinamatic	50,208	Datafix	43,120
Collectcents Inc	566,901	Dave Steeves & Associates	124,917
Collings Johnston Inc	250,759	David G. Butcher Law Corp	77,269
Collingwood Community Policing Centre Assoc	128,527	Davidson Bros Mechanical Contractors Ltd	77,572
Collison, Vince	30,200	Davtech Analytical Services (Canada) Inc	66,767

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DB Perks & Associates Ltd	98,605	Elements Soc. for Environmental Educn & Leadership	54,082
DBM Refrigeration Ltd Deena Chochinov MED RCC	27,315 31,931	Elephant Play Embers	54,117 165,187
Deetken Enterprises Inc	49,735	Emblazon Embroidery Inc	53,823
Del Equipment Inc	60,155	Emco Corporation	2,172,255
Deloitte LLP	915,274	Emelle's Catering	26,437
Denbow Transport Ltd	26,785	Energy Network Services Inc	112,762
Design Home Gift & Paper Inc	31,418	Ensign Pacific Lease Ltd	464,396
Design Roofing & Sheet Metal Ltd	31,769	Enterprise Rent-A-Car	55,338
Design Workshop Inc	250,203	Entire Building Services Ltd	148,557
Destination Auto Ventures Inc	77,351	Envirosafety Confined Space Equipment Inc	57,093
Developmental Disabilities Association	172,500	Enviro-Vac	200,305
Devin Fitness Group Inc	226,014	EOS Lightmedia Corporation	82,479
DGS Construction Company Ltd	5,696,141	Ericsson Mfg Ltd	27,578
Dhaliwal Trucking	165,264	Erik N Vu MD Corp	115,250
Dialog BC Inc	286,158	Ernst & Young LLP	99,936
Diamond and Schmitt Architects Inc	232,148	ESAB Group Canada Inc	155,342
Diamond Head Consulting Ltd	31,253	ESC Automation Inc	686,499
Dietlein Construction Inc	30,614	Esri Canada Ltd	932,688
Dillon Consulting Limited	37,040	Eurovia British Columbia Inc	41,525
Direct Equipment West Ltd	1,274,941	Eventbrite	49,483
Division 15 Mechanical Ltd	658,710	Everbridge Inc	39,032
DLA Piper (Canada) LLP	88,744	Evergreen Industries Ltd	397,672
DME Forensics Incorporated	41,703	Excel Drapery Installations Ltd	74,438
Dobney Foundry Ltd	429,630	Excelsior Building Maintenance Ltd	64,604
Donald Flooring Contract Sales Ltd	365,674	Executive Building Maintenance Inc	133,931
Donnelly & Associates Event Marketing Inc	39,984	Executive Hotel	30,186
Dorbar Industrial Solutions Inc	32,853	Exhibau Services Corp	244,108
Douglas Lake Equipment LP	33,063	Expert Excavating Demolition & Trucking Ltd	42,258
Downtown Custom Metal Works Ltd	27,711	Express Custom Trailer Mfg Inc	34,100
Downtown Eastside Women's Centre	120,200	F & G Delivery Ltd	146,426
Dr Randy Mackoff R Psych	75,635	F.J.Turner Company, Inc	51,777
DreamRider Productions Society	84,712	Facebook	95,042
DS Tactical Ltd	679,069	Fairfax Imaging, Inc	44,821
Dueck Auto Group	55,263	Falcon Equipment Ltd False Creek Fuels Ltd	37,104
Duff and Phelps Canada Ltd Dulux Paint PPG AC Canada Inc	80,850 93,627	Family Services of Greater Vancouver	39,273 27,750
Durante Kreuk Ltd	122,257	Farm Tek Turf Services Inc	239,882
Durham Regional Police Service	139,904	Farris, Vaughan, Wills & Murphy LLP	47,308
Dyna Engineering Ltd	54,747	Fast First Aid & Survival Technolgies Limited	30,944
Dynamic Rescue Equipment Sales Ltd	25,461	Fastenal Canada Ltd	34,482
Dys Architecture	294,388	Faucher Industries Inc	50,134
E. Lees & Associates Consulting Ltd	53,036	FCAPX Ltd Facility Cond. Asmnt. Portfolio Experts	320,264
E.B. Horsman & Son	477,355	Federation of Canadian Municipalities	109,277
Eagle Mapping Ltd	51,975	Field Drilling Contractors Ltd	45,999
Eagle West Crane & Rigging	69,376	Finning	1,568,869
Ebbwater Consulting	27,381	First Truck Centre	2,200,174
Ebsco Canada Ltd	225,365	FirstOnSite Restoration Limited	105,992
ECO Planet Cleaning and Building Mtce Corp	161,367	Fitness Town Commercial	74,517
ECOMM	19,371,364	Flocor Inc	2,965,086
Econolite Canada Inc	383,638	Flowrite Performance Services Flowrite Hydraulics	26,288
EDG Electrical Consultants	78,104	Flynn Canada Ltd	340,783
Edge Catering	34,527	Foreman Equipment Ltd	176,227
EECOL Electric (Sask) Inc	382,396	Foreseeson Technology Inc	157,397
Elan Paving Stone Ltd	61,480	Foreshades Backhoe Ltd	167,437
Elantis Solutions Inc	67,602	Forrec Ltd	124,662
Elections Ontario	90,300	Fort Fabrication & Welding Ltd	152,161
Electrical Cable Supply Ltd	354,752	FortisBC Energy Inc	3,119,585
Element Fleet Management	236,942	Fountain Tire	30,440

Frank Stanzl Construction Ltd	63,921	Greenbank Environmental Inc	34,206
Fraser River Paint & Body Ltd Fraser Valley Equipment Ltd	35,399 298,517	Greg Bubas/Victoria Excavating Gregg Distributors LP	160,659 274,642
Fraser Valley Refrigeration Ltd	1,847,898	Grimco Canada Inc	75,200
Fred Surridge Ltd	415,849	Groundswell Group Inc	73,200
Frontier Pc	82,447	Grover Elliott & Co Ltd	49,119
Frontier Power Products Ltd	209,549	GSP Global Sports Products Inc	26,460
Frontline Machinery Ltd	810,869	Guillevin International Co	1,012,066
Frontline Outfitters Ltd	95,855	Gurmit Mann Trucking	122,498
FSOARK Architect Inc	32,256	Habitat Systems Inc	57,941
Fujitec Canada Inc.	131,782	Hackworks Inc	29,532
Fujitsu Consulting (Canada ) Inc	622,484	Half Price Rubbish Inc	45,861
Fusioncine	27,139	Handy Appliances Ltd	27,827
FVB Energy Inc	119,393	Hangar 18 Creative Group Inc	30,097
FWD Engineering Ltd	42,903	Hanley Agencies Ltd	89,817
G Nagra Trucking	83,918	Hapa Collaborative	72,782
G Treasury SS LLC	35,586	Harbour International Trucks Ltd	98,005
G. Gill Trucking	74,102	Harlan Fairbanks Co Ltd	28,666
G. Trasolini Contractors Ltd	542,229	Harris Consulting Inc	54,259
G.S. Bhullar Trucking	125,067	Harvest Fraser Richmond Organics Ltd	63,083
Gale Group	34,023	Hastings North Area Planning Association	128,200
Ganz	46,722	HAVE Culinary Training Society	26,933
GardaWorld Cash Services Canada Corporation	180,729	Hazmasters Inc	127,868
Gardens By Nature Landscape Services	33,402	HCMA Architecture + Design	774,653
Garibaldi Pumice Ltd	54,892	Heatherbrae Builders Co Ltd	2,169,664
Gartner Canada Co	217,350	Heland Investments Limited	213,992
Gastaldo Cell-Crete Ltd	79,435	Hemlock Printers Ltd	110,470
Gateway Property Management ITF	340,910	Hemmera Envirochem Inc	81,843
GBL Architects Inc	35,737	Hemson Consulting Ltd	110,958
GE Intelligent Platforms Canada Company	172,958	Henriquez Partners Architects Ltd	131,250
Gencor Industries Inc	96,377	Heritage Office Furnishings Ltd	657,283
Geo H. Hewitt Co. Limited	139,722	Herrera Environmental Consultants Inc	146,606
GeoPacific Consultants Ltd	25,643	Hi-Cube Storage Products Ltd	201,409
George Bubas Motors Ltd	173,465	Hi-Lite Truck Accessories Ltd	36,590
Germaine Koh Studio Ltd	58,595	Hilti (Canada) Corporation	77,817
Gescan	56,539	Hilton Hotel	26,013
GF Urecon Ltd	100,086	Hodgson King and Marble Ltd	257,352
GFL Environmental Inc	3,083,857	Holland Imports Inc	91,470
GHD Limited	77,121	Home Depot Canada Inc	230,029
Giftcraft Ltd	33,021	Homelessness Services Association of BC	54,191
Ginqo Consulting Ltd	175,366	Homewood Health Inc	430,177
Global Consumer Services Inc	40,947	Homewood Suites	25,574
Global Container Corporation	65,157 86,154	HootSuite Media Inc	81,586
Global Hydration Water Treatment Systems Inc Global Knowledge Network Canada Inc	86,154 68,275	Horseshoe Star Holdings Ltd Hoskin Scientific Ltd	392,932 40,280
GM Resorts LP	47,061	Host Compliance LLC	79,431
Golder Associates Ltd	344,839	Hothi Trucking	143,443
Goodwins Greenhouses Ltd	42,179	Houle Electric Limited	395,295
Gordon Food Service Canada Ltd	164,740	HUB Cycling	141,209
Graham Infrastructure LP	1,665,155	Hub Fire Engines & Equipment Ltd	40,460
Grand & Toy	1,191,020	Hub Power Ltd	42,770
Grandview Woodland Community Police Ofc Soc	129,000	Hubner, Travis	94,972
Granville Island Brewing	43,512	Hunter Litigation Chambers	93,357
Granville Island Veterinary Hospital	33,901	Hutchinson Nursery Sales Ltd	26,320
Great West Equipment	372,012	Hyatt Hotel	26,924
Greater Vancouver Sewerage & Drainage District	76,347,921	Hypower Systems Inc	97,797
Greater Vancouver Water District	81,584,680	Hytec Water Management Ltd	27,673
Green Line Hose & Fittings Ltd	56,055	IATSE Local 118	25,492
Green Shield Canada	17,082,295		107,688
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Icebreaker Merino Clothing Inc	88,801	Jim Pattison Lease	1,201,731
Iconix Waterworks LP	198,993	JJM Construction Ltd	26,250
Idaz Construction	162,431	JL Careers Inc	29,925
Ideaspace Consulting Inc	110,628	Jog-San Trucking	57,265
IGI Resources	4,182,016	Johnston Davidson Architecture + Planning Inc	182,175
Ignite Technical Resources Ltd	175,095	Joint Force Tactical Ltd	63,602
Impeccable Construction Ltd	81,459	Jordair Compressors Inc	39,677
Imperial Parking Canada Corp	152,485	Joyride Bike Parks Inc	43,312
Independent Building Materials Distribution Inc	29,072	JR Virk Trucking Ltd	59,561
Indigenous Corporate Training Inc	30,748	JRS Engineering	32,206
Infor Public Sector, Inc	406,383	JS Refrigeration Engineering Inc	113,078
InfoSense, Inc	34,772	JSI Telecom	349,431
Info-Tech Research Group	52,322	Juris Notary, In Trust	1,763,668
Inlailawatash LP	91,552	JUST Mechanical Ltd	998,515
Inland Kenworth Parker Pacific Langley	612,933	Justice Institute of BC	82,185
Inline Nurseries	44,451	JYW Architecture Inc	36,744
Innovative Signage Inc	27,358	K & W Glass Innovations Ltd	28,456
iNPUT-ACE (Occam Video Solutions)	27,552	K Dhillon Trucking Ltd	45,336
Insights Learning & Development (Canada West) Ltd	69,401	K.S. Trucking	40,969
Insights West Marketing Research Inc	31,133	K9 Dynamics Inc	25,181
Insurance Corporation of Biritish Columbia	3,395,184	Kadtec Systems	199,526
Integral Group	59,758	Kahnamoui, Niknaz	45,752
Intellitime Systems Corporation	138,832	Kajner, Tania	37,195
Intercontinental Flavours Group	50,351	Kal Tire	279,083
International Association of Chiefs of Police	79,276	Kathy McLaughlin & Associates	67,804
International Truck and Engine Corporation	649,418	K-Bro Linen Systems Inc	26,865
Interprovincial Traffic Services Ltd	997,655	Kenny's Trucking	136,106
Intertrade Canada Limited	53,104	Kent Metal Products Ltd	215,586
InWithForward Canada Inc	45,413 25,346	Kerr Wood Leidal Associates Ltd Kerrisdale Business Association	518,080
Ion Design Inc ION Secured Networks	296,743		90,000
IPAC Chemicals-Power Chemicals Ltd	290,743	Kerrisdale, Oakridge, Marpole Comm. Policing Ctr Keystone Environmental Ltd	128,200 81,220
IPS Group Inc	23,505	King Hoe Excavating Ltd	6,271,888
Ipsos Limited Partnership	77,962	King Kubota Ltd	146,501
IRC Building Sciences Group Inc	130,145	King Luminaire Company Inc	28,571
Iron Mountain Canada Operations ULC	140,312	Kingfisher Docks Ltd	143,328
ISL Engineering and Land Services	137,530	Kinokuniya Book Stores of America Co Ltd	31,229
Italian Cultural Centre Society	33,064	Kleanza Consulting Ltd	88,722
Iverson, Julie	25,805	Klondike Contracting Corporation	1,162,672
iXSystems Inc	362,093	Knight Signs	255,682
J & G Trucking	94,595	Kodiak Trucking & Equip Ltd	915,539
J & M Trucking	183,791	Kofax, Inc	180,480
J Mundie Trucking	157,581	Koman Construction Limited	585,103
J. Bhinder Trucking	56,132	Konica Minolta Business Solutions (Canada) Ltd	91,860
J. Brown Trucking Co Inc	158,674	KPMG LLP	218,278
J.J. MacKay Canada Ltd	877,338	Kronos Canadian Systems Inc	61,408
J.S. Sanghera Trucking	155,052	KTI Limited	835,119
Jack Cewe Construction Ltd	67,491	Kuehne & Nagel Limited	25,117
Jacob Bros. Construction Ltd	1,027,990	Kwela Leadership & Talent Management	144,429
Jake & Daisey's Raw Pet Food Inc	49,171	L & M Backhoe Services Ltd	248,806
James Corner Field Operations	133,423	LA Contracting Ltd	79,994
Jane Beach & Associates	28,560	Laderoute, Jeffery	88,470
Jardine, Paula	38,291	Lafarge Canada Inc	4,316,013
Jefferson Center for New Democratic Processes	274,898	Lamar Companies	54,818
Jenmar Concepts	38,609	Lanarc 2015 Consultants Ltd	191,661
Jerry Williams Excavating Ltd	29,216	Landmark Law Group In Trust	1,167,797
JFK Law Corporation	157,419	Landsure Systems Ltd	75,000
JFR Concrete Repairs & Waterproofing Ltd	81,034	Language Line Services, Inc	81,920
JHKR Consulting Group Inc	330,419	Latitude Geographics Group Ltd	178,354

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Lawnboy Enterprises Ltd	97,455	McRae's Environmental Services Ltd MD Charlton Co Ltd	4,568,026
Leavitt Machinery Inc LeBlevec Construction	31,609	MDT Technical Services Inc	902,410
	132,581 37,235	MEA Forensic Engineers & Scientists	48,418
Lehigh Materials Leica Camera Inc	26,702	Meadow Lane Equine Clinic	106,886 25,705
		Meadow Lane Equine Clinic MeadowFresh Dairy Products	
Len's Transportation Group Ltd	38,540	-	37,412
Levellen Holdings Corp Levon Henderson Video Production	631,029 34,965	MEC Corporate and Group Sales Medisys Health Group Inc	37,757 49,443
LexisNexis Canada Inc	104,833	Medicity's realiting outputter	152,523
Liang You Book Co Ltd	28,474	Meltwater News Canada Inc	41,664
Liberate Leadership Coaching & Consulting	20,474 44,949	Memory Express Inc	49,832
Librairie Monet	44,949 31,767	Meshline Manufacturing Inc	49,032 25,317
Library Bound Inc	1,068,841	Meta4Film Inc	56,605
Licker Geospatial Consulting Ltd	55,153	Metal Supermarkets	169,938
Life Fitness	46,132	Metro Motors Ltd	1,454,752
Lifesaving Society	61,684	Metro Roofing Repairs & Maintenance	58,070
Lin Haw International Co Ltd	54,590	Metro Testing & Engineering Ltd	75,698
LinkedIn Ireland	48,345	Metro Vancouver Crime Stoppers	91,296
Liquid Assets Distribution Ltd	379,717	Metronix Services Inc	55,401
Livingston International Inc	89,547	Metrotown Mitsubishi	143,597
Lloyd Libke Law Enforcement Sales Inc	113,899	Michelin North America (Canada) Ltd	827,708
London Drugs	48,231	Micro Focus Software Solutions Co	92,968
Lookout Housing and Health Society	82.081	Microserve	144,480
Lopes, Viviane	35,781	Microsoft Corporation	2,856,558
Lord Cultural Resources	78,750	Midland Industrial Covers Ltd	28,331
Lordco Auto Parts	119,006	Midland's Workwear Plus	45,718
Lower Mainland Ceramic Tile Ltd	28,733	Mierau Contractors Ltd	4,127,127
Lower Mainland Fast Freight Inc	88,207	Miles Employment Group Ltd	64,297
Lynch, Almute	64,806	Millbrook Tactical Inc	107,914
Lyngsoe Systems Inc	79,171	Minister of Finance	11,300,650
Lynnwood Marina Limited Partnership	26,276	Minister of Finance	37,500
M. Van Noort & Sons Bulb Co Ltd	146,109	Minister of Finance Medical Services Plan of BC	2,492,657
M.L. Peterson Hardwood Floor Co Ltd	81,417	Minister of Finance Ministry of Technology, Innovat'n	762,192
M2K Construction Ltd	11,922,527	Minister of Finance Ministry of Tourism, Arts & Culture	75,000
Macdonald Commercial Real Estate Services Ltd	202,107	Minister of Finance Product Distribution Centre	125,462
Mack Kirk Roofing & Sheet Metal Ltd	1,928,454	Minister of Finance Queen's Printer	135,228
Mahil Trucking	111,377	Miovision Technologies	30,052
Mainland Construction Materials ULC	3,850,093	Mission Possible Compassionate Ministries Soc	45,000
Mainland Demo Contracting Ltd	1,262,032	Mitchell Installations Ltd	715,173
Mancorp Industrial Sales Ltd	43,832	MK Illumination Inc	64,883
Manulife Financial	479,625	MNP LLP	34,922
Maple Leaf Disposal Ltd	121,081	Modo The Car Co-op	285,661
Marcon Developments Ltd	296,045	Modus Planning, Design & Engagement	121,295
Marine Chrysler Dodge Jeep Ltd	132,992	Moffatt & Nichol	27,069
Marine Roofing (1996) Ltd	109,659	Monaghan Golf Inc	1,516,762
Marine Roofing Repair & Mtce Service (2003) Ltd	120,550	Moneris	2,678,161
Mario's Gelati Ltd	71,027	Moody's Investors Service	67,095
Mark Anthony Group Inc	28,946	Morneau Shepell Ltd	385,679
Mark's Commercial	44,053	Morrison Hershfield Limited	228,810
Marriott Hotel	58,489	Mortal Coil Performance Society	179,044
Mar-Tech Underground Services Ltd	48,064	Mosaic Interpretation Services	191,389
Martin & Levesque Inc	69,888	Mosaic Writing Group Inc	46,277
MasonLift Ltd	32,252	Mott Electric GP	508,076
Matakana Scaffolding BC Inc	136,761	Mott MacDonald Canada Ltd	115,824
Maynard, Richard J	48,268	MountainMath Software Limited	26,250
Mcasphalt Industries Ltd	2,355,223	Movex	94,822
McElhanney Ltd	550,761	MP Enterprises	36,636
McGinn Engineering & Preservation Ltd	48,713	MST (Jericho 2016) Limited Partners	164,453
McGregor & Thompson Hardware Ltd	116,590	Muncie's Golf Shop Ltd	1,419,069

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Municipal Pension Plan Province of BC	78,730,849	Operators Training School	50,271
Museum of Vancouver	169,991	Oracle Canada ULC	173,032
Musqueam Indian Band	54,378	Orkin Canada	45,975
Mustel Group MWL Demolition Ltd	54,180	Outsystems Inc	119,127
	175,458	Overdrive Inc	691,550 450,270
N.A.T.S. Nursery Ltd	30,899	P. Sekhon Trucking Ltd	452,370
Nada Grocery Inc	28,280	P.S.I. Fluid Power Ltd Pace Chemicals Ltd.	97,117
National Assoc of City Transportation Officials	28,237		31,297
National Energy Equipment Inc	210,640	Pace Group Communications	38,709
National Geographic Partners, LLC	172,639	Pacific Bark Blowers Inc	44,509
Nautics Technical Surveillance Corp Canada	47,847	Pacific Bolt Manufacturing Ltd Pacific Centre Leaseholds Limited	75,383 1,196,438
ND Graphics Inc Nedco	132,237	Pacific Controls Ltd	27,192
Neptune Technology Group	69,551 182,615	Pacific Cutting & Coring Ltd	537,511
NeuLion	29,276	Pacific Door Closer Service Ltd	45,068
New Line Hose & Fittings	100,095	Pacific Industrial Movers LP	240,795
New Moon Excavating Ltd	172,195	Pacific Mattress Recycling Inc	202,865
New Westminster Police Service	172,193	Pacific Northwest Raptors Ltd	279,293
Newspaperdirect Inc	78,938	Pacific Ropes Contracting Ltd	98,142
NGL Nordicity Group Limited	139,670	Pacific Spray Booths Ltd	58,606
Nichols, Wayne	112,759	Pacific Western Transportation Ltd	63,000
Nicholson, Terence	101,300	Padam Trucking	134,986
Nick Milkovich Architects Inc	149,120	Paladin Technologies Inc	242,520
Nicoson Investment	176,370	Palani, Elangovan	62,691
Night Vision Devices	82,459	Panther Creative Inc	715,749
Nilex Inc	27,349	Pape, Jada-Gabrielle	29,006
Noble British Columbia	26,530	Paper E Clips Inc	33,509
Noggin IT Inc	44,820	Para Space Landscaping Inc	85,151
Norben Electric Ltd	86,247	Paradigm Software	241,297
Noritsu Canada Ltd	117,531	Parallel 49 Brewing Company Ltd	37,675
Northern Building Supply Ltd	551,605	Parkland Refining (B.C.) Ltd	2,258,326
Northern Business Intelligence	407,121	Parklane Computer Systems	54,512
Northwest Gardening Services Ltd	43,775	Parkwood Construction Ltd	2,563,077
Northwest Hydraulic Consultants Ltd	58,394	Parsons Inc	463,989
Norton Rose Fulbright Canada LLP In Trust	3,118,623	Paska Contracting Ltd	60,438
Nova Pole International Inc	1,772,194	Passive House Canada	282,783
Novax Industries Corporation	355,814	Patio Social Inc	40,110
Now Communications Group Inc	88,248	Paving Solutions	33,060
NRG Research Group	67,913	PayByPhone Technologies Inc	2,140,818
Nucor Environmental Solutions Ltd	273,787	PBX Engineering Ltd	107,599
Nutech Facility Services Ltd	635,229	PCI Gateway Residential LP	1,088,089
Nutrien AG Solutions (Canada) Inc	619,659	Peacekeeper Products International	34,798
Oakcreek Golf & Turf LP	1,320,233	Pebble Star Productions	45,334
OCABC (Organized Crime Agency BC)	549,800	Peel's Nurseries Ltd	91,732
Occupational First Aid Attendants Association of BC	30,165	Pegaz Design Ltd	30,691
Ocean Pipe	1,267,670	Perkins+Will Canada Architects Co	90,520
Ocean Systems	92,180	Peter Combe Ltd	26,271
OCLC, Inc	55,686	Peter P.Y. Notarial Corp In Trust	1,763,581
Office Move Pro Vancouver	31,446	Peterbilt Pacific Inc	41,325
Office of McFarlane Biggar Architects and Designers	49,856	Petro-Canada	268,785
Olympic Projects Ltd	252,089	PGP Contractors Ltd	434,689
On Side Restoration Services Ltd	665,271	Phoenix Enterprises Ltd	25,875
ON2 Solutions Inc	54,953	Phoenix Print Management	28,950
Onix Networking Canada Inc	102,829	PHS Community Services Society	41,248
Open Road Toyota	161,021	Pickering Safety	105,528
Open Text Corporation	170,618	Pinton Forrest & Madden Group Inc	107,714
Open Water Coaching	76,340	Pitney Works	524,451
OpenRoad Auto Group Limited	120,830	Planning Institute of BC	31,148
Operator Electrical Incorporated	53,914	Plewes Environmental Limited	37,361

Poirier, Raymond	330,762	Receiver General of Canada Public Srvcs Gov't Srvcs	276,837
Polycrete Restorations Ltd	1,006,349	Receiver General of Canada The Commissioner, RCMP	952,328
Port Coquitlam & District Hunting and Fishing Club	95,120	ReCollect Systems Inc	36,726
Poschner Construction (88) Ltd	2,545,229	Rectec Industries Inc	69,077
Postmedia Network Inc	70,528	Red Truck Beer Company Ltd	81,802
Potluck Cafe & Catering Inc	49,638	Regehr Contracting Ltd	1,058,577
Pottinger Gaherty Environmental Consultants Ltd	93,632	Regency Toyota	44,468
PR Pomeroy Restoration and Construction Ltd	87,245	Reimer's Nurseries Ltd	35,906
PrairieCoast Equipment Inc	597,818	Reliable Mobile Hearing Testing	44,819
Preston Mobility Inc	303,299	RESA Canada Inc	169,356
Price-Langevin & Associates	36,438	Restwell Mattress Co. Ltd	51,580
PricewaterhouseCoopers LLP	138,370	Richard M Delaney and Associates Inc	119,477
Pride In Art Society	35,000	Richards Buell Sutton LLP In Trust	72,985
Prime Corp Police Records Information Mgnt	1,658,396	Richco Contracting Ltd	159,905
Priority Appliance Service Ltd	29,378	Richelieu Building Specialities	75,649
Prism Engineering Ltd	86,143	Richelieu Hardware Ltd	47,447
Pro Forma Advisors LLC	73,550	Richform Construction Supply Co	27,765
Proactive Hazmat & Environmental Ltd	75,294	Richmond Chrysler Dodge Jeep Ltd	125,664
Production Power Corp	69,300	Ricoh Canada Inc	838,597
Profire Emergency Equipment Inc	1,048,759	Rideau Recognition Solutions Inc	67,416
Progressive Messenger Ltd	199,689	Riviera Finance Assignee for EditNew Inc	43,992
Promo Plus Advertising Inc	78,049	RJ & Associates Environmental Consulting Inc	87,364
ProQuest LLC	97,398	Roadway Traffic Products	242,828
Prostar Painting and Restoration Ltd	120,540	RockDoc Consulting Inc	1,547,146
Providence Health Care Society	157,500	Rocky Mountain Phoenix	255,192
Public Library Interlink	126,589	Rocky Point Engineering	65,179
Pure Technologies Ltd	40,950	Rogers	208,324
Purolator Inc	52,744	Rollins Machinery Ltd	939,510
PWL Partnership Landscape Architects Inc	498,359	Roper Greyell LLP Barristers and Solicitors	266,449
Pyxis Consulting Group Inc	26,250	Rose Security Services Inc	67,163
Quadreal Property Group LP	572,784	Roundhouse Community Arts & Recreation Soc	115,879
Qualichem Industrial Products Ltd	27,158	Royal Pacific Realty Corp In Trust	83,000
Quality Powder Coating Ltd	52,819	Russell Hendrix Foodservice Equipment Rust Investments Ltd	69,850
Quantum Lighting Inc	26,120		878,876
Quatro Security Printing Inc Quest Software Canada Inc	31,169 67,961	S M Auto Import Service S&P Global Canada Corp	166,121 50,715
R.F. Binnie & Associates Ltd	1,234,300	S2 Architecture	34,519
R.F. Hauser Shows Ltd	59,465	Safe Software Inc	29,208
Raider Hansen	114,385	Salmon's Rentals Ltd	29,200 50,228
Railtown Cafe & Catering	46,392	Sambandam, Rohan	106,106
Rail-Volution	31,890	Samuel, Son and Co Ltd	41,114
Raincity Housing & Support Society	36,582	SAP Canada Inc	1,466,534
Rampart International	116,011	Sapphire Sound Inc	40,852
Ramshackle Pictures	37,012	Sasco Contractors Ltd	200,212
Rasmussen Bindery	61,142	Savoury City Foods Ltd	28,597
Rattan Trucking	87,333	SBC Insurance Agencies Ltd	36,515
Ravens Agri-Services & Products Inc	55,162	Scalar Decisions Inc	7,446,811
Raybern Erectors Ltd	32,898	Schnitzer Steel Canada Ltd	32,303
Ray-Cam Co-Operative Association	538,911	Scooby's Dog Waste Removal Services	52,407
BBC Investor Services Trust	155,425	Scott, Julie Angeline	666,138
RBoy Inc	75,000	SCP Distributors Inc Canada	85,694
RCAP Leasing Inc	51,799	SCS Steel Container Systems Inc	96,567
RDH Building Science Inc	142,615	Sea To Sky Transfer	543,809
Read Jones Christoffersen Ltd	350,268	Secure Links	30,196
Receiver General for Canada Canad'n Police College	44,066	Securiguard Services Ltd	6,529,004
Receiver General for Canada Innov'n,Science	53,656	Seized Property Management Directorate	215,727
Receiver General for Canada Seized Prop Mgmt	29,905	SensorUp Inc	70,558
Receiver General of Canada	33,171,547	Setcan Corporation	39,316

Shaw Cablesystems GP	102,973	Star Metroland Media Toronto Star Newspaper Ltd	26,481
ShearForce Equipment Ltd	27,267	Steer Davies Gleave North America Inc	422,767
Shell Canada	32,522	Stem To Stern Marine Service	46,356
Sheran Trucking	138,995	Stephen Irving Communications	42,690
Sheraton Hotel	31,466	Stephenson Engineering Limited	130,809
Sherine Industries Ltd	127,271	Sterling Fence Co Ltd	66,542
Shine Auto Wash	49,109	Sterling Fleet Outfitters	42,342
Shirtland Drycleaners Ltd	815,239	Steven Thomas Construction Ltd	66,217
Shon Group Realty	116,977	STI Transport Inc	50,295
ShowTech AVL System Inc	434,491	Strata Plan BCS 3995-Capitol Residences	108,700
Siegel Entertainment Ltd	39,189	Strata Plan BCS3839	25,399
Sigma Safety Corp	230,608	Strata Plan EPS 1197	63,025
Sigmatix Solutions Inc	111,912	Strata Plan LMS 1997	25,758
Simon Fraser University	68,283	Strathcona Community Centre Association	257,095
Singh, Dhillon Charan	97,417	Strathcona Community Safety Association	128,200
Sino United Publishing (Can) Ltd	139,931	Studio Parsons	42,255
Sirsidynix (Canada) Inc	149,419	Sugden, Mcfee & Roos LLP	32,064
SkillSoft Canada Ltd.	126,021	Summit Canada Distributors	48,081
Skookum Yacht Services Inc	79,409	Summit Tools	46,492
Sliq Media Technologies Inc	25,987	Sun Life of Canada	1,843,366
SLR Consulting (Canada) Ltd	125,586	Suncor Energy Products Partnership	5,539,493
Smart-Tek Communications Inc	31,239	Sunny Electronics Ltd	36,976
Smith Bros & Wilson (BC) Ltd	11,585,092	Super Save Fence Rentals Inc	29,883
Smith Optics	42,368	Super Save Toilet Rentals Inc	267,436
Smithrite Delivery Services Ltd	70,722	Superior City Services Ltd	85,155
Smiths Detection Montreal, Inc	38,048	Superior Flood and Fire Restoration Inc	41,394
SMS Equipment Inc	68,671	Superior Propane	70,298
Snap-On Tools	55,622	SupremeX Inc	63,945
SnapStream Media Inc	47,492	Sure Hazmat and Testing	41,955
SNC-Lavalin Inc	325,915	Surespan Construction Ltd	5,034,977
Softchoice LP	170,484	Suspended Stages	95,186
Softline Solutions AB Inc	111,191	Sutton Road Marking Ltd	80,101
Solutions Logiciels EDT Inc Sombilon Art Solutions Inc	87,752	Swing Time Distributors Ltd Sysco Vancouver	57,776
Soper's Supply Ltd	25,858 29,094	T. Moscone & Bros Ground Maintenance Ltd	1,460,326
Source Office Furniture & Systems Ltd	29,094 99,793	T. Rai's Trucking	81,763 61,029
Sources Archaeological & Heritage Research Inc	68,253	T. S. Trucking	131,977
South Vancouver Community Policing Centre	128,200	Tacel Ltd	50,702
Southwestern Flowtech & Environmental Ltd	156,284	Tactical Electronics & Military Supply LLC	42,762
Space2Place Design Inc	320,449	Tanago Enterprises Inc	125,075
Spartan Controls Ltd	38,702	Target Products Ltd	187,890
Spatial Technologies (2017) Inc	124,475	Tarmac Grinding Ltd	361,224
Spears Sales & Service Ltd	40,306	Tasker, Mary	40,177
Specialized Engineered Products Ltd	122,234	TCG Tunnelling Company Inc	59,451
Specimen Trees Wholesale Nurseries Ltd	48,358	Team Aquatic Supplies Ltd	90,649
Spectratec Services Group Inc	170,960	Tec Floor Coverings Ltd	35,004
Sperling Hansen Associates	1,770,743	Technical Safety BC	106,903
Spicers Canada ULC	42,877	Teel Technologies Canada	91,210
Sportball 0986001 BC Ltd	27,670	Telus	5,833,432
Squamish Martial Arts & Fitness Centre	37,519	Telus Custom Security Systems	27,281
Square One Paving Ltd	46,252	Terra Law Corporation In Trust	747,500
Square, Inc	144,100	Terralink Horticulture Inc	67,995
SRC Engineering Consultants Limited	41,825	Terry the Tire Guy	27,758
SSQ Insurance Company Inc	180,144	Tervita Corporation	90,435
St. John's College The University of British Columbia	42,425	Tetherstone Construction Inc	223,090
ST/OPS Tactical Training Canada ULC	39,317	Tetra Tech Canada Inc.	363,361
Stanley Park Ecology Society	130,604	Textile Image Inc	50,477
Stantec Consulting Ltd	528,707	TGK Irrigation Ltd	645,475
Staples Business Advantage	809,640	The 127 Society for Housing	351,322
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The Active Network Ltd	560,967	United Library Services Inc	352,012
The Beacon Collective	84,856	United Rentals of Canada Inc	711,160
The Colborne Architectural Group Pacific Inc	97,556	UNO Digital Screen Press Ltd	31,895
The Driving Force Inc	33,550	Uptime Industrial Inc	118,940
The Georgia Straight	38,515	Urban Sawing & Scanning Co Ltd	820,968
The Globe and Mail	59,952	Urban Solar Corp	336,512
The Hollinger Metal Edge	54,849	Urban Systems Ltd	213,653
The Lazy Gourmet Inc	78,027	Urbanicity Architecture Inc	52,428
The Legal Freelance Centre	181,637	Utilisation Professionnelle Inc	315,479
The Neutral Zone Coaching and Consulting Srvcs	76,547	Valley Traffic Systems Inc	75,910
The Only Animal Theatre Society	39,375	Van Exer-Tech Services Inc	101,714
The Organizational Culture Group Ltd	306,113	Vancity Community Foundation	531,704
The Pacific Forensic Mental Health Practice	33,346	Vancouver Aboriginal Community Policing Ctr Soc	128,200
The PPS Group	61,503	Vancouver Aboriginal Friendship Centre Society	78,026
The Strategic Action Group	25,104	Vancouver Art Gallery	278,250
The Tempest Development Group Inc	734,960	Vancouver Botanical Gardens Association	39,879
The University of British Columbia	333,039	Vancouver Cherry Blossom Festival	49,374
The Vancouver Club The Vancouver Courier	123,522	Vancouver Community Network	395,692
	142,247	Vancouver eFasteners Tools & Supply	153,061
Thinkmate	25,524	Vancouver Fraser Port Authority	723,620
Thomas Downie Holdings Ltd	232,784	Vancouver Hino Truck Sales Ltd	26,087
Thomson Reuters Canada Limited	188,629	Vancouver Holdings Ltd	235,755
Thurber Engineering Ltd	552,600	Vancouver International Film Festival	246,258
Tinbox Energy Software Inc	46,825	Vancouver Kidsbooks	103,502
Today's Books	31,308	Vancouver Litigation Support Services Ltd	50,300
Toe-Hoe Leasing Ltd	478,228	Vancouver Maritime Museum	26,879
Tomko Sports Systems Inc	144,428	Vancouver Native Housing Society	48,167
Total Fire Solutions	102,236	Vancouver Pile Driving Ltd	52,510
Toter LLC Tourism Vancouver	523,615	Vancouver Police Foundation	100,720
	550,551	Vancouver Public Library Foundation	75,320
Tower Fitness Equipment Services Inc	41,066	Vancouver Regional Construction Association	356,537
Tradetec Mechanical Limited	25,474		10,651,308
Trail Appliances Ltd	27,273 54,243	Vancouver Symphony Society VanMar Constructors Inc	513,641
Trainfo Corp Trane Canada	1,028,763	Vanival Constructors inc Vanport Enterprises Ltd	497,884 408,595
Trans Power Construction (1999) Ltd	65,357	VDZ+A Consulting Inc	408,595 91,888
Translink	135,931	Ventana Construction Ltd	579,982
Transwest Roofing Ltd	219,985	Ventiv Technology Inc	28,782
Traumatech	58,949	Veratec Engineered Products Inc	88,313
Treeradar Inc	32,980	Verint Americas Inc	151,482
Trev Deeley Motorcycles	121,957	Veritiv Canada Inc	31,250
TRI Environmental Consulting Inc	57,805	Vertech Elevator Services Inc	50,051
Tricom Building Maintenance Ltd	274,361	Veterans Memorial Housing Society	82,930
Triovest Realty Advisors (BC) Inc	8,471,625	Viaduct Sheet Metal Ltd	34,313
Trumps Food Interests Ltd	33,448	Viking Fire Protection Inc	860,073
Tsleil-Waututh Nation	67,034	Vimar Equipment Ltd	1,802,275
Tsunami Solutions Ltd	115,500	Virage Simulation Inc	748,160
Turn-Key Construction Inc	887,659	Vision 33 Canada Inc	336,422
UAP Inc NAPA Auto Parts	687,651	Vision Critical Communications Inc	168,221
UBS Industries	76,787	Vision Travel	86,022
Udemy, Inc	28,474	Visual Verification Systems Inc	50,756
Uline Canada Corporation	231,041	Vital Link Ice Cream & Event Marketing	138,675
Ulmer Contracting Ltd	107,310	Volante Software Inc	156,797
Ultra-Tech Cleaning Systems Ltd	25,208	VSO School of Music	132,641
Under Pressure Property Maintenance	31,400	Walter's Exotic Meats Ltd	51,439
Unifirst Canada Ltd	49,516	War Room Holdings Inc	34,650
Union of BC Municipalities	284,323	Ward's Hydraulic Services	115,025
Unite Partnerships Inc	31,500	Warrington PCI Management	2,777,762
United Air	31,881	Waste Connections of Canada Inc	26,869
ormod / m	51,001		20,000

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Waste Management of Canada Corporation	987,505	Win Chemicals Limited	27,475
Water Street Engineering Ltd	97,843	WMW Public: Architecture + Communication Inc	169,166
WAu Consulting Services	44,756	Wollenberg Munro Consulting Inc	44,326
Weber Supply Company Inc	1,735,095	Wolseley Canada Mechanical Group	89,020
Wesco Distribution Canada LP	1,307,316	Wong, Paul	63,250
Wesco Industries Ltd	206,793	Wong, Sammy Yan Chim	52,127
West Auto Sales Ltd	44,111	Woollacott, Sarah	127,090
West Coast Electric Ltd	229,549	Workers' Compensation Board of BC	12,669,432
West Coast Elevator Services Ltd	157,825	World Book Educational Products of Canada	39,610
West Coast Sign Service Ltd	25,203	World Cities Culture Forum	25,621
West Creek Farms Ltd	29,334	WorleyParsons Canada Services Ltd	420,912
West End BIA	29,827	WR Neufeld	98,192
Westburne West	126,067	WSP Canada Group Limited	3,704,895
Westcan Scaffolding Inc	31,825	Wurth Canada Ltd	43,558
Westcomb Outerwear Inc	173,480	Wyss, Cecilia Cease	53,800
Westend Coal Harbour Community Police Centre	199,700	X10 Networks	35,766
Western Excavating	171,045	Xerox Canada Ltd	80,259
Western Imperial Magnetics Ltd	40,600	Yarrow Intergenerational Society for Justice	27,000
Western Integrated Electrical Ltd	49,938	Yen Bros Food Service (2011) Ltd	492,526
Western Marine Co	30,334	Yeomen Property Maintenance & Renovation Ltd	976,818
Western Safety Products	64,907	Young Anderson Barristers & Solicitors	373,211
Westerra Equipment LP	172,843	YWCA Vancouver	28,850
Westjet	90,873	Zawadzki, Nikki	34,764
Westport Construction Group Inc	935,546	Zeemac Vehicle Lease Ltd	713,261
Westpro	2,872,942	ZG Communications Incorporated	56,248
Westvac Industrial Ltd	848,688		
Westwood Topsoil Ltd	47,244	Vendors > \$25,000	\$ 824,114,098
Wetdown Water Services	155,783		
Whitehots Inc	547,102	Vendors < \$25,000	21,515,775
Wilco Civil Inc	600,860		
Williams Machinery LP	499,592	Total	\$ 845,629,873
Willis Canada Inc	3,965,082	=	
Willow Personal Dev't & End of Life Educn Ent	27,090		

The City prepares the schedule of payments based on actual disbursements processed through its Accounts Payable system. This provides assurance on completeness as the reported amounts are reconciled to the financial system cheque register and electronic funds transfer records.

The schedule of payments is a "cash basis" listing. This figure therefore will differ significantly from the expenditures in the consolidated financial statements which are reported on an accrual basis resulting in timing differences. Furthermore, there are disbursements which are not considered expenditures including payments made to other taxing authorities, employee payroll deductions, debt principal and interest repayments. Conversely, there are expenditures which do not involve an actual disbursement (in addition to accruals) - grants offset by related revenues (e.g. Theatre operating grants) and holdbacks.

# STATEMENT OF GRANT PAYMENTS

PREPARED IN ACCORDANCE WITH THE FINANCIAL INFORMATION REGULATION SCHEDULE 1, SECTION 7 (2)

# **GRANTS - BUSINESS IMPROVEMENT ASSOCIATIONS**

Cambie Village Business Association	\$	388,200
Collingwood Business Improvement Assoc		218,589
Commercial Drive Business Society		524,567
Davie Village Business Improvement Assoc		882,556
Downtown Vanc. Business Improvement Assoc	3	,168,507
Dunbar Village Business Association		155,250
Gastown Business Improvement Society		699,640
Hastings Crossing Business Improvement Assoc		206,000
Hastings North Business Improvement Assoc		531,290
Kerrisdale Business Association		365,000
Kitsilano - 4th Avenue Business Association		430,000
Marpole Business Association		187,925
Mount Pleasant Commercial Improvement Soc		395,000

MDCI Society Expansion	00 E 4 4
MPCI - Society - Expansion	83,544
Point Grey Village Business Association	225,000
Robson Street Business Association	636,371
South Granville Business Improvement Assoc	700,000
South Hill (Fraser Street) Business Association	147,500
Strathcona Business Improvement Association	1,063,250
Vancouver Chinatown Business Improvement Asso	c 426,920
Victoria Drive Business Improvement Assoc	192,000
West Broadway Business Improvement Assoc	275,000
Yaletown Business Improvement Association	1,044,750
	\$12,946,859

221A Artist Run Centre Society	\$ 25,000	Craft Council of British Columbia	15,000
605 Collective Dance Society	17,000	Creative BC	285,000
Action at a Distance Dance Society	8,000	Creative Coworkers	7,500
Aeriosa Dance Society	17,000	DanceHouse	21,000
African Descent Society BC	6,000	Dancing on the Edge Festival Society	25,000
All Bodies Dance Society	23,750	Delinquent Theatre	10,000
Alley Theatre Association	9,500	Diwali Celebration Society	7,000
Amexem Reggae Cultural Society	6,000	Downtown Eastside Women's Centre	7,500
Arts Assembly Society	1,000	Downtown Vancouver Business Improvement Assoc	7,000
Arts Club of Vancouver Theatre Society	152,000	Doxa Documentary Film and Video Festival	32,229
Artstarts in School	25,000	Dr. Sun Yat Sen Garden Society	1,500
Asian-Canadian Special Events Association	25,131	Dumb Instrument Dance Society	6,000
Association of Book Publishers of BC	18,000	Dusty Flowerpot Cabaret Society	8,500
ASTC Science World Society	105,000	East Vancouver Community Music School Soc	1,000
Atira Women's Resource Society	9,300	Eastside Culture Crawl Society	13,000
Axis Theatre Society	32,500	Edam Performing Arts Society	25,000
B.C. Chinese Music Association	5,000	Electric Company Theatre Society	23,000 70,944
B.C. Philharmonic Society	4,315	Elektra Women's Choir	18,500
Ballet BC	238,876	Erato Ensemble Society	6,704
Bard on the Beach Theatre Society	60,000	False Creek Watershed Society	
Barking Sphinx Performance Society	-		2,500
	5,000	Fight With a Stick/Leaky Heaven Performance Soc	10,000
Battery Opera Performing Arts Society	20,000	Fillip/Projectile Publishing Society	11,000
BC Artscape Society	1,250	Firehall Theatre Society	75,000
Beaumont Studios Artists Society	55,000	Flamenco Rosario Arts Society	26,315
Bill Reid Foundation	27,500	Foolish Operations Society	6,000
Blueridge Chamber Music Society	8,176	Friends of Chamber Music	36,139
Boca Del Lupo Theatre Society	40,000	Full Circle: First Nations Performance Society	82,500
Bold Old(er) Lesbians & Dykes Society	4,000	Gallery Gachet Society	31,500
Borealis String Quartet Society	2,812	Gathering Place	9,000
Britannia Community Services Centre	6,000	Girls Rock Camp Vancouver	6,000
Bulgarian-Canadian Society of BC	1,000	Greater Vancouver Professional Theatre Alliance	13,000
Canada International Arts & Music Societ	3,225	Greater Vancouver Society To Bridge	5,000
Canadian Alliance of Dance Artists	15,000	Greek Community of East Vancouver	3,000
Canadian Council of the Blind (CCB)	26,250	Green Thumb Theatre	60,000
Canadian International Dragon Boat Festival Soc	7,500	Grunt-Visible Arts Society	70,000
Canadian Music Centre BC Region	31,500	H R MacMillan Space Centre Society	519,400
Capilano Review Contemporary Arts Soc	15,000	Hard Rubber New Music Society	15,000
Capture Photography Festival Society	4,000	Health Arts Society	25,000
Car Free Vancouver Society	9,500	Heritage Vancouver Society	6,500
Caravan World Rhythms Society	17,000	Highs and Lows Choral Society	3,500
CARFAC BC	5,000	I. E. Artspeak Gallery Society	29,000
Carnegie Community Centre Association	2,500	Indian Summer Arts Society	54,229
Carousel Theatre Society	32,000	Instruments of Change Society	3,500
Centre of Integration for African Immigrants	2,500	Inverso Productions Society	8,000
Chapel Sound Art Foundation	10,000	Italian Day Festival Society	8,000
Children's Arts Umbrella Association	57,217	ITSAZOO Productions Society	13,000
Chinatown Today Society	7,500	James & Jamesy Performance Society	4,315
Chor Leoni Men's Choir	53,807	Jewish Community Centre of Greater Vancouver	4,500
Cineworks Independent Filmmakers Society	36,000	Joe Ink Performance Society	15,000
CITR/Discorder Magazine	1,500	Judith Marcuse Projects Society	9,000
City Opera Vancouver	15,000	Karen Flamenco Dance Society	11,703
Cloudscape Comics Society	3,300	Karen Jamieson Dance Society	15,000
Co. Erasga Dance Society	15,000	Kickstart Disability Arts and Culture	17,500
Coastal Jazz & Blues Society	145,764	Kidd Pivot Performing Arts Society	28,000
Collingwood Neighbourhood House Society	12,500	Killjoy Theatre Association	7,500
Comm. Arts Council of Vanc.& Fearless Festival	15,000	Kitsilano Showboat Society	1,500
Compagnie Vision Selective Arts Society	6,000	Kokoro Dance Theatre Society	46,500
Compaigni V'Ni Dansi Society	6,000	Kwi Awt Stelmexw (KAS Cultural Society)	18,800
Contemporary Art Gallery Society of BC	70,000	Langara College Foundation	2,000

#### **GRANTS – CULTURAL continued**

Latincouver Business & Cultural Society	29,789
Le Centre Cultural Francophone Vancouver	20,000
Les Productions Figlio Society	5,000
Little Chamber Music Series That Could Society	5,000
Little Mountain Lion Productions Assoc	5,215
Live Biennial of Performance Art Society	20,000
Love Intersections Society	6,500
Lumiere Festival Vancouver Society	4,000
Machinenoisy Dance Society	6,000
Made in BC - Dance on Tour Society	2,000
Madskillz Vancouver	1,500
Magnetic North Theatre Festival	10,500
Malaspina Printmakers' Society	20,000
Mascall Dance Society	15,000
McLaren Housing Society	2,000
Migrante BC - Filipino Society	3,600
Miscellaneous Productions Society	19,500
Movement Dance Productions Society	8,630
Movement Enterprises Society	12,250
Mt Pleasant Neighbourhood House	2,000
Museum of Vancouver	768,000
Music BC Industry Association	4,000
Music in the Morning Concert Society	19,000
Music on Main Society	39,284
Musica Intima Society	21,000
Native Daughters of BC	9,000
New Forms Media Society	12,500
New Orchestra Workshop Society	21,392
New Performance Works Society Neworld Theatre	24,928
	33,000
Nisga'a Ts'amiks Vancouver Society	10,000
Norman Rothstein Theatre	30,000 6,130
O.Dela Arts Society	
OCW Arts & Publishing Foundation On Main on the Cutting Edge	8,000
Open Air Orchestra Society	4,000 6,000
Open Door Social Services Society	2,500
Or Gallery	34,000
Other Sights for Artists' Projects Association	8,500
Out Innerspace Dance Theatre and Film Society	17,000
PACE - Providing Alt. Counselling & Education Soc	7,500
Pacific Association of First	35,000
Pacific Ballet Society	100,000
Pacific Bluegrass and Heritage	1,000
Pacific Cinematheque	45,000
Pacific Legal Education and Outreach Society	15,000
Pacific Theatre	21,000
Performing Arts Lodges (PAL)	7,000
Pink Ink Theatre Productions Association	20,000
Pitt Gallery	13,000
Playwright's Theatre Centre	40,000
PosAbilities Association of BC	1,500
Powell Street Festival Society	42,000
Pride in Art Society	30,000
Push Festival Society	107,434
Radix Theatre Society	7,500
Raven Spirit Dance Society	15,000
Realwheels Society	17,000
Recorded Movement Society	4,500
Redshift Music Society	17,000

CITY OF VAN	COUVER
Reel Causes Society	2,000
Reel to Real	18,000
Rice and Beans Theatre Society	15,500
Roedde House Preservation Society	2,000
Ruby Slippers Productions Society	15,000
Rumble Productions Society	30,000
Sad Magazine Publishing Society	6,920
Savage Production Society	20,600
Screaming Weenie Productions Society	15,000
Secret Lantern Society	16,500
Seismic Shift Arts Society Women	44,575
Shift Theatre Society	5,000
Sky Theatre Group Society	6,000
Some Assembly Arts Society	6,750
Sophisticated Laughter Society	6,470
Sound of Dragon Society	18,991
South Asian Family Association	3,000
SpeakEasy Theatre Company Society	5,000
Staircase XI Theatre Society	6,000
Standing Wave Society	10,312
Still Moon Arts Society	15,000
Subterrain Literary Collective Society	12,000
Tara Cheyenne Performance	18,000
The Banff Centre	40,000
The Chop Theatre Society	12,000
The Geist Foundation	13,500
The Gr. Vanc. Alliance for Arts and Culture Society	45,000
The Helenic Canadian Congress of BC	7,000
The James Black Gallery Association	1,000
The Kettle Friendship Society	5,000
The Last Door Recovery Society	3,000
The Only Animal Theatre Society	14,250
The Plastic Orchid Factory	7,000
The Postmodern Camerata Society	5,920
The Response Dance Society	4,000
The Vancouver Children's Choir	1,500
The Writers' Exchange Society	3,000
Theatre La Seizieme	35,000
Theatre Replacement Society	25,000
Theatre Terrific Society	15,000
Tides Canada Initiatives Society	8,000
Time Will Tell Arts Society	5,000
Tomoe Arts Society	2,500
Touchstone Theatre Society	35,000
Turkish Canadian Society	3,500
Turning Point Ensemble Society	38,016
Universal Limited Performance Society	1,500
Up in the Air Theatre Society	15,000
Urban Ink Productions	55,000
Uzume Taiko Drum Group Society	2,500
Van Dyke March And Festival Society	4,000
Van. International Burlesque Festival Assoc	8,458
Vancouver Aboriginal Friendship Centre Society	10,000
Vancouver Academy of Music	50,137
Vancouver Access Artists Run Centre	21,000
Vancouver Adapted Music Society Vancouver Art Gallery	6,500 2,203,885
Vancouver Ari Gallery Vancouver Asian Canadian Theatre	2,203,865
Vancouver Asian Film Festival Society	20,000
Vancouver Asian Heritage Month Society	12,229
Canocaver Asian Frenkage Month Doolety	1,000

#### **GRANTS – CULTURAL continued**

Vancouver Bach Choir	59,849
Vancouver Book and Magazine Fair Society	15,000
Vancouver Cantata Society	16,500
Vancouver Cantonese Opera	4,500
Vancouver Chamber Choir	58,391
Vancouver Cherry Blossom Festival	7,500
Vancouver Chinese Instrumental Music Society	5,500
Vancouver Chinese Singers Society	5,729
Vancouver Chopin Society	12,702
Vancouver Choral Arts Society	3,000
Vancouver Comic Arts Association	4,000
Vancouver Community Gamelan	5,000
Vancouver Co-Operative Radio Education Soc	32,500
Vancouver Dance Centre Society	85,500
Vancouver East Cultural Centre	150,000
Vancouver Folk Music Festival Society	80,000
Vancouver Improv Festival Society	3,000
Vancouver Inter-Cultural Orchestra	24,392
Vancouver International Bhangra Celebration Soc	9,000
Vancouver International Children's	134,000
Vancouver International Dance Festival	30,000
Vancouver International Film Festival	207,818
Vancouver International Fringe Festival	40,000
Vancouver International Writers Festival Society	69,315
Vancouver Int'l Centre for Contemporary Asian Art	37,000
Vancouver Israel Folk Dance Society	2,000
Vancouver Jewish Film Festival	10,000
Vancouver Latin American Cultural Ctr Society	19,315
Vancouver Latin American Film Festival	16,000
Vancouver Maritime Museum	400,000
Vancouver Moving Theatre	30,000
Vancouver Native Housing Society	1,300
Vancouver New Music Society	40,436
Vancouver Opera Association	423,586
Vancouver Out on Screen Film & Video Society	57,687
Vancouver Poetry House	15,000
Vancouver Pride Society	8,500

Vancouver Pro Musica Society	12,392
Vancouver Recital Society	39,057
Vancouver Seniors' Singing Club Association	21,336
Vancouver Society for Early Music	56,479
Vancouver Street Dance Association	5,000
Vancouver Swing Society	1,000
Vancouver Symphony Society	870,650
Vancouver Tagore Society	4,000
Vancouver Tap Dance Society	10,284
Vancouver Theatresports League	5,250
Vantage Point	20,000
Vashaan Music Society	5,000
Vetta Chamber Music Society	7,500
Vines Art Festival Society	15,000
VISAFF South Asian Film Festival Society	1,000
Visceral Visions Society	15,000
VIVO Media Arts Ctr Satellite Vide Exchange Soc	37,500
VSO School of Music	4,315
Wen Wei Dance Society	20,000
WePress Community Arts Space Society	17,500
West Coast Feminist Literary Magazine Society	17,500
West Coast Symphony Society	3,000
West End Arts Society	2,500
West End Seniors' Network	2,000
West Point Grey Community Association	2,500
Western Front Society	46,000
Western Gold Theatre Society	7,000
Western Theatre Conspiracy Arts Society	17,000
Women in Film & Television Vancouver Society	6,000
World Rhythms for Youth Society	3,000
Yarillo Contemporary Music Society	1,420
Yarrow Intergenerational Society	9,000
Yayoi Theatre Movement Society	4,500
Zee Zee Theatre	17,500
	\$11,759,819
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211 British Columbia Services Society	\$ 38,468
Aboriginal Mother Centre Society	45,000
Atira Women's Resource Society	10,153
Aunt Leah's Independent Lifeskills Society	35,444
Battered Women's Support Services	74,520
BC Poverty Reduction Coalition	28,400
Big Brothers of Greater Vancouver	40,288
Big Sisters of BC Lower Mainland	49,272
Britannia Community Centre Society	56,483
Canadian Mental Health Association	28,200
Canadian Paraplegic Association	48,000
Carnegie Community Centre Association	26,500
Cedar Cottage Food Network Society	5,808
Cedar Cottage Neighbourhood House	119,973
Check Your Head: The Youth Global	10,000
Children of the Street Society	15,200
Coast Foundation Society	360,140
Collingwood Neighbourhood House Society	235,293
Crisis Intervention & Suicide Prevention Ctr of BC	29,364
Disability Alliance BC Society	38,452
Downtown Eastside Neighbourhood House	77,770
Downtown Eastside SRO Collaborative Society	95,400
Downtown Eastside Women's Centre	
Aboriginal Healing and Wellness	20,000
Chinese Seniors Outreach	52,492
Management	90,572
Others	52,000
Dugout Drop-In Centre Society	40,600
Eastside Family Place Society	58,236
Embers	185,000
Family Services of Greater Vancouver	00 500
Decolonization and Indigenization Soc'l Srvcs	22,500
Directions Outreach Youth Services	98,540
Vancouver Counselling Program First Funds Society	10,000
First United Church Community Ministry Soc	50,400
Four Eleven Seniors' Centre Society	25,376 75,000
Fresh Roots Urban Farm Society	44,500
Frog Hollow Neighbourhood	44,500
Frames Films Program	25,000
Generating Connections	28,100
Neighbourhood Organization	103,573
Youth Skills	22,192
Gallery Gachet Society	20,000
Good Company Communications Inc	20,000
Gordon Neighbourhood House	101,075
Gr. Van. Law Students Legal Advice Soc - UBC	39,136
Hastings Crossing Business Improvement Assoc	15,000
Hastings Family Drop-In Enrichment Centre	36,952
Hastings North Area Planning Association	11,000
Hastings North Business Improvement Assoc	20,000
Health Initiative for Men Society	35,000
Helping Spirit Lodge Society	25,376
Immigrant Services Society of BC	191,338
Inner City Safety Society (NICCSS)	15,000
Japanese Community Volunteers Association	10,000
Jewish Family Service Agency	49,957
Jewish Seniors Alliance of Greater Vancouver	10,000
Justice Education Society of BC	27,004

Kinbrace Community Society	5,000
Kitsilano Neighbourhood House	
Empowered Westside Seniors	13,125
Mt Pleasant Neighbourhood House	13,125
Neighbourhood Organization	90,124
Westside Food Collaboration	14,140
Kiwassa Neighbourhood Services Assoc	~~ ~~~
Community Small Grants Project	23,000
Eastside Youth Wellness	25,500
Food Program	14,140
Neighbourhood Organization Seniors Program	116,449
Youth Program	10,000 37,388
La Boussole, Centre Communautaire Societe	19,860
Learning Disabilities Assoc of BC	25,376
Leave Out Violence (LOVE)	34,628
Lee. Michael	25,000
Little Mountain Neighbourhood House Society	130,723
Lookout Emergency Aid Society	39,600
Lu'ma Native BCH Housing Society	25,000
Marpole Oakridge Family Place	83,000
Metro Van. Aboriginal Executive Council Society	175,000
Migrant Workers Centre BC Society	13,000
Mission Possible Compassionate Ministries Soc	399,185
Mosaic - 3 Community Outreach Programs	108,220
Mount Pleasant Family Centre Society	73,968
Mt Pleasant Neighbourhood House	,
Aboriginal Community Development Program	17,500
Atira Women's Resource Society	17,501
Family Resource Program	10,612
Food Network	11,110
Neighbourhood Organization	85,058
Multicultural Helping House Society	39,558
Native Education Centre	32,500
NICCSS	76,401
PACE - Providing Alt. Counselling & Education	83,680
Pacific Association of First Nations' Women	40,000
Pacific Community Resources Society	93,660
Pacific Immigrant Resources Society (PIRS)	83,392
Pacific Legal Education and Outreach Society	15,000
Pacific Post Partum Support Society	17,684
PeerNet BC	62,772
PHS Community Services Society	45,000
PLEA Community Services Society of BC	31,868
Potluck Cafe Society	17,170
PovNet Society	10,000
Providence Health Care Society	10,000
QMUNITY	79,412
Raincity Housing & Support Society	40,000
Ray-Cam Community Association	10,000
Reach Community Health Centre	22,980
Red Fox Healthy Living Society	41,559
Renfrew-Collingwood Seniors' Society	22,528
S.U.C.C.E.S.S. Counselling Service for the Chinese Community	10,000
Seniors QOL Program	41,656
Youth at Risk program	68,208
Sanctuary Mental Health Society	18,000
Seniors Services Society of BC	32,888

#### **GRANTS – COMMUNITY continued**

South Granville Seniors Centre	71,034
South Vancouver Family Place	79,432
South Vancouver Neighbourhood House	
Buddy Board	50,000
Food Affair	15,150
Neighbourhood Organization	156,150
Seniors Projects	50,472
Strathcona Community Centre Association	97,214
Street Corner Media Foundation	20,300
Street Youth Job Action	51,500
Supporting Women's Alternatives Network	26,040
The Aboriginal Front Door Society	55,900
The Access Pro Bono Society of BC	15,000
The John Howard Soc. of the Lower Mainland BC	20,300
The Kettle Friendship Society	121,727
The Kidsafe Project Society	42,500
The Writers' Exchange Society	15,000
Thunderbird Neighbourhood Association	40,800
Tides Canada Initiatives Society	69,000
Together We Can Society	20,000
Trac Tenant Resource & Advisory Centre	55,996
United We Can	286,166
Urban Native Youth Association	77,216
Vancity Community Foundation	50,000
Vancouver Aboriginal Comm. Policing Centre Soc	40,250

Vancouver Aboriginal Friendship	10,000
Vancouver Association for the Survivors of Torture	e 40,000
Vancouver Community Network	26,604
Vancouver Rape Relief and Women's Shelter	17,156
Vancouver Second Mile Society	
Downtown South NBHD Helpers	29,816
DTES NHBD Helpers	51,256
DTES Seniors' Centre	37,732
NBHD Helpers Chinese Outreach	33,972
Vancouver School Board	495,000
Vantage Point	78,704
Warriors Against Violence Society	15,428
Watari Research Association	75,368
West End Seniors' Network	117,183
West Side Family Place Society	40,192
Western Institute for the Deaf	10,560
Wish Drop-In Centre Society	159,000
Women Against Violence Against Women	59,988
YWCA Vancouver	
Crabtree Corner	58,876
Working Together Vancouver	20,700
Single Mothers Support Services	21,976
	\$ 8,727,953
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#### **GRANTS – CHILDCARE**

Aboriginal Mother Centre Society	\$ 39,235
Association of Neighbourhood Houses	69,000
Atira Women's Resource Society	10,650
Brant Villa Daycare Society	24,385
Britannia Community Services Centre	
Britannia Out of School Care	27,000
Eagles Daycare & Out of School Care	27,000
Grandview Terrace Child Care	27,000
Mt Pleasant Community Centre	27,000
Cedar Cottage Neighbourhood House	
Beaconsfield	17,070
Queen Alexandra	12,193
Preschool	6,438
Coalition of Child Care Advocates of BC	20,000
Collingwood Neighbourhood	
Duke Str. Preschool	27,000
Grenfell	15,606
Reserve Operating	39,600
Sarah House Early Learning & Care Centre	24,385
Terry Tayler	19,800
Dev. Disabilities Assoc of Vancouver-Richmond	91,588
Eastside Family Place Society	3,863
Frog Hollow Neighbourhood	
Kidsworld School Age Care	27,000
Nootka Group Care	23,008
Satellite Daycare	27,000
Gordon Neighbourhood House	19,508
Hudson Out of School Care Society	8,400
Montessori Daycare Society	19,800
Kiwassa Neighbourhood Services Assoc	66,258
Little Mountain Neighbourhood House Society	51,385
McGregor Childcare Society	27,000
Mount Pleasant Community Centre	63,195
Mt Pleasant Neighbourhood House	
Before & After School Care	21,459
Daycare & Preschool	15,606
Kid's Peak Daycare	19,508
ProjectKids	20,000
Ray-Cam Community Association	27,000
Shannon Daycare Society	27,000
South Vancouver Family Place	9,656
-	

South Vancouver Neighbourhood House	
Little Tree	6,438
Poppins Preschool & Out of School Care	25,946
Waverly Out of School Care	11,705
St Michaels Anglican Church	27,000
Strathcona Community Centre Association	
After School Adventures	27,000
Preschool and Group Childcare Centre	27,000
Sunset Childcare Society	24,385
Sunset Community Association	38,705
The Vancouver Society	
Atelier	19,800
Bayshore	39,600
Dorothy Lam	39,600
International Village	39,600
Library Square	19,800
Quayside	39,600
Sapphire	19,800
Sea Star	39,600
Shaw Tower	19,800
The Chareson	19,800
The Junction Children's Centre	19,800
The Mark Children's Centre	19,800
Vancouver Society of Children's Centre	93,000
West Village Children's Centre	39,600
Thunderbird Neighbourhood Association	27,000
Vancouver Chinese Pentecostal Benevolent Soc	24,385
Westcoast Child Care Resource Centre	312,000
YMCA of Greater Vancouver	
Kids at Marine	14,850
Marpole	19,800
Nanook House	27,000
Woodwards	46,800
W 70th & Lord St	203,500
YWCA Vancouver	
Citygate Early Learning	24,363
Crabtree Corner	27,000
Emma's Early Learning	27,000
Leslie Diamond	39,600
	\$ 2,452,273

#### **GRANTS – OTHER**

GRANIS - UTHER			NCOUVER
1 West Hastings Holding Ltd	\$ 100,000	Gordon Neighbourhood House	25,600
221A Artist Run Centre Society	124,000	Greyhaven Exotic Bird Sanctuary	5,448
Arts in Action Society	10,000	Grunt Gallery	28,000
Atira Women's Resource Society	54,312	Grunt Gallery-Visible Arts Society	69,328
Badminton BC	1,250	Hastings Community Little League	5,000
Bard on the Beach Theatre Society	11,200	Historic Joy Kogawa House Society	14,680
BC Aboriginal Childcare Society	20,000	Hives for Humanity Society	2,745
BC Artscape Society	62,500	Hungarian Cultural Society	4,800
BC Coalition of People with Disabilities	27,856	Italian Cultural Centre Society	2,250
BC Rugby Union	9,309	Kids Up Front Foundation	9,391
BC Ultimate Society	6,625	Kitsilano Area Child Care Society	5,000
BC Wheelchair Sports Association	3,500	Latincouver Business & Cultural Society	2,000
Beaumont Studios Artists Society	65,000	Lions Gate Road Runners Society	1,650
Boys and Girls Clubs of South Coast BC	5,000	Little Mountain Gallery	8,800
Britannia Community Centre Society	70,000	Little Mountain Neighbourhood House Society	2,300
British Columbia Deaf Sports British Columbia Table Tennis	11,250	Mah Society of Canada Metro Vancouver Aboriginal	4,500
Burrard Arts Foundation	3,500 20,000	C C	130,000
Canada One Athletic Foundation	8,750	Mission Possible Compassionate Ministries Soc More Sports	150,666 5,000
Canada Place Corporation	20,000	MP Enterprises	27,065
Canada Skateboard	6,625	Mt Pleasant Neighbourhood House	71,005
Canada Snowboard	3,500	Native Daughters of BC	26,915
Canada/BC Business Services Society	5,750	NICCSS	80,000
Canadian Dolphin Swim Club	5,750	Notre Dame Regional Secondary School	4,375
Canadian International Dragon Boat	6,000	Out in Sports Society	5,000
Canadian Music Centre BC Region	4,000	Pace Society	5,400
Carnegie Community Centre Association	27,000	Pacific Association of First	4,125
Chau Luen Kon Sol Society of Vancouver	45,000	Pacific Ballet Society	3,000
Check Your Head: The Youth Global	25,000	Pacific Cinematheque	8,000
Cheng Wing Yeong Tong Benevolent Soc	100,000	Pacific Community Resources Society	5,000
Children's Arts Umbrella Association	150,000	Pacific Theatre	4,000
Christ Church Cathedral	5,000	PEDAL	3,000
Circle of Eagles Society	3,000	PHS Community Services Society	20,000
Coast Foundation Society (1974)	123,024	Pink Ink Theatre Productions	8,000
Collingwood Neighbourhood House Society	343,613	Potluck Cafe Society	11,700
Contemporary Art Gallery Society of BC	5,201	Potters Guild of BC	11,440
Craft Council of British Columbia	2,344	Powell Street Festival Society	9,391
Create Vancouver Society	6,000	Pride in Art Society	40,000
Creative Coworkers	36,450	Promotion Plus Girls and Women in Physical Activitiy	875
Creative Cultural Collaborations Society	13,403	Rain City Ultimate Club	600
Cycling BC	3,500	Renfrew-Collingwood Seniors' Society	3,000
Disability Alliance BC Society	27,857	Scribes Rugby Football Club	5,000
Downtown Eastside Centre	7,500	Simon Fraser University	82,209
Downtown Eastside Neighbourhood House	4,000	Simon Fraser University - CityStudio	10,000
Downtown Eastside Women's Centre	217,195	Society For Children and Youth of BC	27,000
Dugout Drop-In Centre Society	9,180	South Hill (Fraser Street)	6,150
Dunbar Community Centre Association	10,000	South Vancouver Neighbourhood House	50,666
Eastside Boxing Club	5,000	Special Olympics BC	5,500
Eastside Culture Crawl Society	9,000	St James Community Square Society	16,435
Embers	96,150	St Paul's Anglican Church	2,575
False Creek Rowing Club	2,000	Stanley Park Ecology Society	11,666
Firehall Theatre Society	14,000	Still Moon Arts Society	10,200
First United Church Community Ministry Society	62,502	Strathcona Community Centre Association	19,800
Five West Hastings Holdings Ltd	50,000	Street Youth Job Action	18,500
Free Kick Foundation	2,500	Streetohome Vancouver Foundation	150,000
Frog Hollow Neighbourhood House	18,000	Tennis British Columbia	11,875
Full Circle: First Nations Performa	14,400	The Arts Club of Vancouver Theatre Foundation	24,000
Gastown Business Improvement Society	45,000	The Dance Foundation	33,450
Golf Canada	2,500	The Kettle Friendship Society	11,550
Good Night Out Vancouver	25,000	The Vancouver Society of Children's Centres	8,500
AND CTATEMENT OF FINANCIAL INFORM			

#### **GRANTS – OTHER continued**

The Writers' Exchange Society	2,000
Tides Canada Initiatives Society	78,500
UBC Athletics and Recreation	8,625
UBC Faculty of Land and Food System	30,400
Union of BC Municipalities (UBCM)	17,500
United We Can	98,672
Urban Ink Productions	10,000
UrbanPromise Ministries	5,000
Vancity Community Foundation	10,000
Vancouver Aboriginal Friendship Centre Society	22,825
Vancouver Adapted Music Society	19,760
Vancouver Buddhist Temple	45,000
Vancouver Cantata Society	12,000
Vancouver Chinatown Foundation	45,000
Vancouver Comets Netball Associatio	3,372
Vancouver Curling Club Association	5,988
Vancouver Creative Space Society	6,500
Vancouver Folk Music Festival Socie	23,120
Vancouver Hawks Field Hockey Club	1,695
Vancouver Heritage Foundation	432,650
Vancouver Independent Music Centre Society	8,000
Vancouver International Film Festival	113,500
Vancouver International Fringe Festival	3,800
Vancouver International Soccer Festival	5,000
Vancouver Japanese Language School	2,870

١	/ancouver Moving Theatre	13,218
١	/ancouver Orphan Kitten Rescue	6,253
١	/ancouver School Board	16,617
١	ancouver Secondary Schools Athletic Association	on 5,000
١	ancouver Society for Early Music	16,000
١	/ancouver Sport Hosting Grant Program	2,800
١	/ancouver Taiko Society	9,600
١	/ancouver Tap Dance Society	15,295
١	/ancouver Thunderbirds Tracks	2,500
١	/ancouver Vipers Water Polo Club	5,000
١	/illage Vancouver Transition Societ	13,332
١	/ines Art Festival Society	2,400
١	/IVO Media Arts Ctr Satellite Video Exchange So	c 27,000
١	/olleyball BC	10,000
١	NePress Community Arts Space Society	2,000
١	Nest Coast Technology Innovation	31,500
١	Nest Side Family Place Society	3,623
١	Nestern Front Society	12,000
١	Nomen Against Violence Against Women	2,500
١	YMCA of Greater Vancouver	4,546
١	Yue Shan Society	19,080
١	WCA Vancouver	5,000
		\$ 4,747,168