FORM 13-502F1 CLASS 1 AND CLASS 3B REPORTING ISSUERS – PARTICIPATION FEE

MANAGEMENT CERTIFICATION					
I,, an officer of 13-502F1 (the Form) being submitted here my knowledge, having exercised reasonable and accurate.	under to the Ontario Sec	urities Commission and certify that to			
(s) Name: Title:	Date:				
Reporting Issuer Name: End date of previous financial year:					
-					
Type of Reporting Issuer: \Box	Class 1 reporting issue	r □ Class 3B reporting issuer			
Highest Trading Marketplace: (refer to the definition of "highest trading marketplace)	ee" under OSC Rule 13-502 Fe	ees)			
Market value of listed or quoted equity s (in Canadian Dollars - refer to section 7.1 of OSC R	ecurities: ule 13-502 Fees)				
Equity Symbol					
1 st Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" v. Rule 13-502 <i>Fees</i>)	under OSC	to			
Closing price of the security in the class on the last trading day of the specified period in which such security was listed on the highest trading marketplace	l trading	\$(i)			
Number of securities in the class or series of security outstanding at the end of the last traday of the specified trading period		(ii)			
Market value of class or series	(i) x (ii)	\$(A)			
2nd Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" v. Rule 13-502 <i>Fees</i>)		to			

Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace		\$		(iii)
Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period				(iv)
Market value of class or series	(iii) x (iv)	\$		(B)
3rd Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" under OSC Rule 13-502 <i>Fees</i>)			to	
Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace		\$		(v)
Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period				(vi)
Market value of class or series	(v) x (vi)	\$		(C)
4th Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" under OSC Rule 13-502 <i>Fees</i>)			to	
Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted				
on the highest trading marketplace				(vii)
Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period				(viii)
Market value of class or series	(vii) x (viii)	\$		(D)
5th Specified Trading Period (dd/mm/yy) (if applicable - refer to the definition of "specified trading period" under OSC Rule 13-502 <i>Fees</i>)			to	
Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted		•		
on the highest trading marketplace		\$		(ix)
Number of securities in the class or series of such				(x)

day of the specified trading period		
Market value of class or series	(ix) x (x)	\$ (E)
Average Market Value of Class or Series (Calculate the simple average of the market value of the class or series of security for each applicable specified trading period (i.e. A through E above))		
		\$ (1)
(Repeat the above calculation for each other class or s subsidiary pursuant to paragraph 2.8(1)(c) of OSC Ru marketplace at the end of the previous financial year)		
Fair value of outstanding debt securities: (See paragraph 2.8(1)(b), and if applicable, paragraph 2.8(1)(c) of OSC Rule 13-502 <i>Fees</i>)		\$ (2)
(Provide details of how value was determined)		
Capitalization for the previous financial year	(1) + (2)	\$
Participation Fee (For Class 1 reporting issuers, from Appendix A of OSC Rule 13-502 <i>Fees</i> , select the participation fee)		\$
(For Class 3B reporting issuers, from Appendix A.1 of OSC Rule 13-502 <i>Fees</i> , select the participation fee)		
Late Fee , if applicable (As determined under section 2.7 of OSC Rule 13-502 <i>Fees</i>)		\$
Total Fee Payable (Participation Fee plus Late Fee)		\$

security outstanding at the end of the last trading

APPENDIX A

CORPORATE FINANCE PARTICIPATION FEES

Capitalization for the Previous Financial Year	Participation Fee (effective April 6, 2015)
Under \$10 million	\$890
\$10 million to under \$25 million	\$1,070
\$25 million to under \$50 million	\$2,590
\$50 million to under \$100 million	\$6,390
\$100 million to under \$250 million	\$13,340
\$250 million to under \$500 million	\$29,365
\$500 million to under \$1 billion	\$40,950
\$1 billion to under \$5 billion	\$59,350
\$5 billion to under \$10 billion	\$76,425
\$10 billion to under \$25 billion	\$89,270
\$25 billion and over	\$100,500

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