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

MANA	GEMENT CERTIFICA	TION			
I,, an officer 13-502F1 (the Form) being submitted he my knowledge, having exercised reasonal and accurate.	r of the reporting issuer no reunder to the Ontario Sec ble diligence, the informa	oted below have curities Commis tion provided in	examined this Form sion and certify that to the Form is complete		
(s)	Date:				
Reporting Issuer Name:					
End date of previous financial year:					
Type of Reporting Issuer:	☐ Class 1 reporting issu	er 🗆 Class	☐ Class 3B reporting issuer		
Highest Trading Marketplace: (refer to the definition of "highest trading marketplace)	ace" under OSC Rule 13-502 I	Fees)			
Market value of listed or quoted equity (in Canadian Dollars - refer to section 7.1 of OSC	securities: Rule 13-502 Fees)				
Equity Symbol					
1 st Specified Trading Period (dd/mm/yy (refer to the definition of "specified trading period" Rule 13-502 <i>Fees</i>)			to		
Closing price of the security in the clas on the last trading day of the specific period in which such security was listed on the highest trading marketplace	ed trading	\$	(i)		
Number of securities in the class or series security outstanding at the end of the last day 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" Rule 13-502 <i>Fees</i>)	under OSC		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 products as				(::N
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.		¢		(iv)
on the highest trading marketplace		Φ		、 /
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 subsidiary pursuant to paragraph 2.8(1)(c) of OSC Rul 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 Fees, 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