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

MANAGEMENT CERTIFICATION						
I,, an officer of the rational submitted hereunder my knowledge, having exercised reasonable diligand accurate.  (s)	to the Ontario Sec	curities (	Commission and ce	rtify that to		
Reporting Issuer Name:  End date of previous financial year:						
Type of Reporting Issuer: ☐ Class	ype of Reporting Issuer: ☐ Class 1 reporting issuer			ng issuer		
Highest Trading Marketplace: (refer to the definition of "highest trading marketplace" und  Market value of listed or quoted equity securit (in Canadian Dollars - refer to section 7.1 of OSC Rule 13-	ties:	Fees)				
<b>Equity Symbol</b>						
1 <sup>st</sup> Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" under O Rule 13-502 <i>Fees</i> )	osc		to			
Closing price of the security in the class or ser on the last trading day of the specified tradi- period in which such security was listed or quo on the highest trading marketplace	ing ted	\$		(i)		
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				(ii)		
Market value of class or series	(i) x (ii)	\$		(A)		
2 <sup>nd</sup> Specified Trading Period (dd/mm/yy) (refer to the definition of "specified trading period" under ORule 13-502 <i>Fees</i> )	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)
<b>3<sup>rd</sup> Specified Trading Period</b> (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)
<b>4<sup>th</sup> Specified Trading Period</b> (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)
<b>5<sup>th</sup> Specified Trading Period</b> (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)		
<b>Fair value of outstanding debt securities:</b> (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)		
<b>Late Fee</b> , if applicable (As determined under section 2.7 of OSC Rule 13-502 <i>Fees</i> )		\$
<b>Total Fee Payable</b> (Participation Fee plus Late Fee)		\$ 

security outstanding at the end of the last trading