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

MANAGEMENT CERTIFICATION

I.	_, an officer of the reporting issuer noted below	v have examined this Form 13-502F1 ((the Form) bei	ing submitted hereunder to	the Ontario
Securities Commission and certify that to my know					
(s)					
Name:	Date:				
Title:					
Reporting Issuer Name:					
End date of previous financial year:					
Type of Reporting Issuer:	Class 1 Reporting Issuer	Class 3B Reportin	ng Issuer		
Highest Trading Maylestoless.					
Highest Trading Marketplace: (refer to the definition of "highest trading marketplace"	" under OSC Rule 13-502 Fees)				
(refer to the definition of highest trading marketplace	under OSC Naie 15-302 Feesy				
Bankat valva of listed on susted continuous with	_				
Market value of listed or quoted equity securities (in Canadian Dollars refer to section 7.1 of OSC Rule 1	 ''				
(iii Cariadian Dollars Telef to Section 7.1 of OSC Nule 1	.5-502 (ees)				
Facility Complete					
Equity Symbol					
1st Specified Trading Period (refer to the definition of "specified trading period" und	dor OSC Bulo 12 EO2 Eooc)		to		
(refer to the definition of specified trading period unit	ler OSC Rule 13-302 Fees)	(DD/MM/YY)	to	(DD/MM/YY)	
		(==,,,		(==,,,	
Closing price of the security in the class or series o		period in which such			
security was listed or quoted on the highest tradin	g marketplace		\$		(i)
Number of securities in the class or series of such	security outstanding at the end of the last tradi	ing day of the			
specified trading period					(ii)
Market value of class or series		(i) x (ii)	\$		(A)
2nd Specified Trading Period					
(refer to the definition of "specified trading period" und	der OSC Rule 13-502 Fees)		to		
		(DD/MM/YY)		(DD/MM/YY)	
Closing price of the security in the class or series o	on the last trading day of the specified trading n	poriod in which such			
security was listed or quoted on the highest tradin		eriou iii wiicii sucii	\$		(iii)
security was instead of quoted on the ingress tradin	8 marketplace		· —		(,,,,
Number of securities in the class or series of such	socurity outstanding at the end of the last tradi	ing day of the			
specified trading period	security outstanding at the end of the last tradi	ing day of the			(iv)
specified trading period			-		(1V)
Market value of class or series		(iii) v (iv)	ė		(D)
Market value of class or series		(iii) x (iv)	·		(B)
3rd Specified Trading Period					
(refer to the definition of "specified trading period" und	der OSC Rule 13-502 Fees)	(DD (MANA (NV)	to	(DD (MM (N))	
		(DD/MM/YY)		(DD/MM/YY)	
Closing price of the security in the class or series o	n the last trading day of the specified trading p	eriod in which such			
security was listed or quoted on the highest tradin			\$		(v)
			_		
Number of securities in the class or series of such	security outstanding at the end of the last tradi	ing day of the			
specified trading period	-				(vi)
				<u> </u>	_
Market value of class or series		(v) x (vi)	\$		(C)

4th Specified Trading Period (refer to the definition of "specified trading period" under OSC Rule 13-502 Fees)		to	
	(DD/MM/YY)		(DD/MM/YY)
Closing price of the security in the class or series on the last trading day of the specified trasecurity was listed or quoted on the highest trading marketplace	ding period in which such	\$	(vii)
Number of securities in the class or series of such security outstanding at the end of the las specified trading period	t trading day of the		(viii)
Market value of class or series	(vii) x (viii)	\$	(D)
5th Specified Trading Period (if applicable) (refer to the definition of "specified trading period" under OSC Rule 13-502 Fees)	(DD/MM/YY)	to	(DD/MM/YY)
Closing price of the security in the class or series on the last trading day of the specified trasecurity was listed or quoted on the highest trading marketplace	ding period in which such	\$	(ix)
Number of securities in the class or series of such security outstanding at the end of the las specified trading period	t trading day of the		(x)
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 applicabl (i.e. A through E above))	e specified trading period	\$	(1)
(Repeat the above calculation for each other class or series of equity securities of the repor applicable) that was listed or quoted on a marketplace at the end of the previous financial		ragrapl	h 2.8(1)(c) of OSC Rule 13-502 Fees, if
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 Fees)		\$	(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 Fees, select the participation fee (For Class 3B reporting issuers, from Appendix A.1 of OSC Rule 13-502 Fees, select the participation	fee)	\$; <u> </u>
Late Fee, if applicable (As determined under section 2.7 of OSC Rule 13-502 Fees)		\$	
Total Fee Payable (Participation Fee + Late Fee)		\$	