FORM 13-501F1 CLASS 1 AND CLASS 3B REPORTING ISSUERS - PARTICIPATION FEE

MANAGEMENT CERTIFICATION

I .	, an officer of the reporting issuer noted below	y have evamined this Form 13-501F1 (th	e Form) hein	a cubmitted hereunder to	the Alberta
Securities Commission and certify that to	my knowledge, having exercised reasonable diligence,				the Alberta
(s)					
Name:	Date:				
Title:					
Reporting Issuer Name:					
End date of previous financial year:					
Type of Reporting Issuer:	Class 1 Reporting Issuer	Class 3B Reporting	Issuer		
Highest Trading Marketplace:					
Market value of listed or quoted equity s	securities:				
Equity Symbol					
1st Specified Trading Period		(DD/MM/YY)	to	(DD/MM/YY)	
Closing price of the security in the class or security was listed or quoted on the highe	series on the last trading day of the specified trading post trading marketplace	period in which such	\$		(i)
Number of securities in the class or series specified trading period	of such security outstanding at the end of the last trad	ing day of the			(ii)
Market value of class or series		(i) × (ii)	\$		(A)
2nd Specified Trading Period		(DD/MM/YY)	to	(DD/MM/YY)	
Closing price of the security in the class or security was listed or quoted on the highe	period in which such	\$		(iii)	
Number of securities in the class or series specified trading period	of such security outstanding at the end of the last trad	ing day of the	_		(iv)
Market value of class or series		(iii) × (iv)	\$		(B)
3rd Specified Trading Period		(DD/MM/YY)	to	(DD/MM/YY)	
Closing price of the security in the class or security was listed or quoted on the highe	series on the last trading day of the specified trading post trading marketplace	period in which such	\$		(v)
Number of securities in the class or series specified trading period	of such security outstanding at the end of the last trad	ing day of the			(vi)
Market value of class or series		(v) x (vi)	\$		(C)

4th Specified Trading Period		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 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 specified trading period	trading day of the				_(viii)
Market value of class or series	(vii) x (v	iii)	\$		_(D)
5th Specified Trading Period	(DD/MM/YY)	to) <u> </u>	(DD/MM/YY)	_
Closing price of the security in the class or series on the last trading day of the specified trad security was listed or quoted on the highest trading marketplace	ing period in which such		\$		_(ix)
Number of securities in the class or series of such security outstanding at the end of the last specified trading period	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 applicable (i.e. A through E above))	specified trading period		\$		_(1)
(Repeat the above calculation for each other class or series of equity securities of the reporting issuer (and a sub	sidiary, if applicable) that was listed or quoted o	on a mari	ketplace at the	end of the previous financial year)	
Fair value of outstanding debt securities			\$		_(2)
(Provide details of how value was determined)					
Capitalization for the previous financial year	(1) +	(2)	\$		-
Participation Fee			\$		_
Late Fee, if applicable			\$		_
Total Fee Payable (Participation Fee plus Late Fee)			\$		_