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

MANAGEMENT CERTIFICATION

1	, an officer of the reporting issuer noted below	v have examined this Form 13-501F1 (th	ne Form) bein:	g submitted hereunder to	the Alberta
Securities Commission and certify that to r	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	g Issuer		
Highest Trading Marketplace:					
Market value of listed or quoted equity s	ecurities:				
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 highes	series on the last trading day of the specified trading p st 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) x (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 higher	series on the last trading day of the specified trading p st trading marketplace	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) x (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 highes	series on the last trading day of the specified trading p st 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)

th Specified Trading Period					
	(DD/MM/YY)		to	(DD/MM/YY)	
losing price of the security in the class or series on the last trading day of the specified becurity was listed or quoted on the highest trading marketplace	trading period in which such		\$		(vii)
umber of securities in the class or series of such security outstanding at the end of the pecified trading period	last trading day of the				(viii)
flarket value of class or series	(\	vii) x (viii)	\$		(D)
th Specified Trading Period	(DD/MM/YY)		to	(DD/MM/YY)	
losing price of the security in the class or series on the last trading day of the specified the curity was listed or quoted on the highest trading marketplace	trading period in which such		\$		(ix)
umber of securities in the class or series of such security outstanding at the end of the pecified trading period	last trading day of the				(x)
larket value of class or series		(ix) x (x)	\$		(E)
	able specified trading period				
e. A through E above)) epeat the above calculation for each other class or series of equity securities of the reporting issuer (and		quoted on a m	\$arketplace at the	ne end of the previous financial	(1)
		quoted on a m	\$arketplace at the	ne end of the previous financial	year)
epeat the above calculation for each other class or series of equity securities of the reporting issuer (and :		quoted on a m			year)
epeat the above calculation for each other class or series of equity securities of the reporting issuer (and s air value of outstanding debt securities		quoted on a m			year)
epeat the above calculation for each other class or series of equity securities of the reporting issuer (and sair value of outstanding debt securities Provide details of how value was determined)					year)
epeat the above calculation for each other class or series of equity securities of the reporting issuer (and sair value of outstanding debt securities Provide details of how value was determined) apitalization for the previous financial year			\$\$		year)