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

MANAGEMENT CERTIFICATION

		below have examined this Form 13-501				the Alberta
Securities Commission and certify that to my knowled	ge, having exercised reasonable dilig	ence, the information provided in the Fo	rm is com	plete and a	accurate.	
(s) fl 7./2						
Name:	Date:					
Title:						
Reporting Issuer Name:						
End date of previous financial year:						
Type of Reporting Issuer:	Class 1 Reporting Issuer	Class 3B Rep	orting Issu	ier		
Highest Trading Marketplace:						
Market value of listed or quoted equity securities:						
Equity Symbol						
1st Specified Trading Period		(DD/MM/YY)	to		(DD/MM/YY)	
Closing price of the security in the class or series on the		ding period in which such				(*)
security was listed or quoted on the highest trading m	arketpiace			\$		(i)
Number of securities in the class or series of such secu specified trading period	urity outstanding at the end of the las	st trading day of the				(ii)
specified trading period						(11)
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 series on the	ne last trading day of the specified tra	iding period in which such				
security was listed or quoted on the highest trading m				\$		(iii)
Number of securities in the class or series of such secu	urity outstanding at the end of the las	st trading day of the				
specified trading period						(iv)
Maylob value of close on covice		/:::\	(:)			(n)
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 series on the	ne last trading day of the specified tra				(DD/WW/TT)	
security was listed or quoted on the highest trading m		o period in milen such		\$		(v)
Number of securities in the class or series of such secu	urity outstanding at the end of the las	st trading day of the				
specified trading period	-	-				(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 tradin security was listed or quoted on the highest trading marketplace	g period in which such		\$		_(vii)
Number of securities in the class or series of such security outstanding at the end of the last tr specified trading period	rading day of the				_(viii)
Market value of class or series	(vii) x (v	iii)	\$		_(D)
5th Specified Trading Period	(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 tradin security was listed or quoted on the highest trading marketplace	g period in which such		\$		_(ix)
Number of securities in the class or series of such security outstanding at the end of the last tr specified trading period	rading 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 sp. (i.e. A through E above))	pecified trading period		\$		_(1)
(Repeat the above calculation for each other class or series of equity securities of the reporting issuer (and a subsidered as s	diary, if applicable) that was listed or quoted o	n a marl	etplace 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)			\$		_

RULES AND POLICIES

APPENDIX A

to ASC Rule 13-501 Fees
Participation Fees for Class 1 Reporting Issuers or Class 2 Reporting Issuers
(Paragraph 15(1)(a))

Capitalization for the Previous Fiscal Year	Participation Fee (effective December 1, 2016)
under \$10 million	\$400
\$10 million to under \$25 million	\$500
\$25 million to under \$50 million	\$1,200
\$50 million to under \$100 million	\$3,000
\$100 million to under \$250 million	\$6,500
\$250 million to under \$500 million	\$14,000
\$500 million to under \$1 billion	\$19,000
\$1 billion to under \$5 billion	\$28,000
\$5 billion to under \$10 billion	\$36,500
\$10 billion to under \$25 billion	\$42,500
\$25 billion and over	\$48,000

APPENDIX B

to ASC Rule 13-501 Fees
Participation Fees for Class 3B Reporting Issuers
(Paragraph 15(1)(c))

Capitalization for the Previous Fiscal Year	Participation Fee (effective December 1, 2016)
under \$10 million	\$400
\$10 million to under \$25 million	\$500
\$25 million to under \$50 million	\$600
\$50 million to under \$100 million	\$1,000
\$100 million to under \$250 million	\$2,000
\$250 million to under \$500 million	\$4,500
\$500 million to under \$1 billion	\$6,000
\$1 billion to under \$5 billion	\$9,000
\$5 billion to under \$10 billion	\$11,500
\$10 billion to under \$25 billion	\$13,500
\$25 billion and over	\$15,500