To: Broadridge Investor Communication Solutions, Canada

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## Form 54-101 F9 **UNDERTAKING**

(Terms used in this Form have the meanings given to them in National Instrument 54-101. The use of this form is referenced in section 6.2 of National Instrument 54-101)

	The use of this form is referenced in section 6.2 of National Instrument 54-101)	
I,		
		[Name of Individual]
		[Full Residence Address]
	(If th	is undertaking is made on behalf of a person or company other than an individual, set out the full legal name of that person or company, position of individual signing on behalf of that person or company and address for service).
so	LEM	NLY DECLARE AND UNDERTAKE THAT:
	1.	I require a list in the required format of the non-objecting beneficial owners of securities of
	on	[Insert Name of the Reporting Issuer] whose behalf intermediaries hold securities (a NOBO list), as shown on the records of the intermediaries.
[0	ptior	#1 – use this alternative if the reporting issuer is providing the undertaking]
	2.	I undertake that the information set out on the NOBO list will be used only in connection with matters relating to the affairs of the reporting issuer.
[0	ptior	#2 – use this alternative if a person or company other than the reporting issuer is providing the undertaking]
	2.	I undertake that the information set out on the NOBO list will be used only for one or more of the following purposes:
		<ul><li>(a) sending securityholder materials to NOBOs in accordance with National Instrument 54-101;</li><li>(b) an effort to influence the voting of securityholders of the reporting issuer;</li><li>(c) an offer to acquire securities of the reporting issuer.</li></ul>
	3.	I undertake that, except as permitted under National Instrument 54-101, the NOBO list will not be used to send securityholder materials to those NOBOs that are identified on the NOBO list as having chosen not to receive the materials, and that the materials sent shall include the following statement:
	reg abo	ese securityholder materials are being sent to both registered and non-registered owners of the securities. If you are a non- istered owner, and the issuer or its agent has sent these materials directly to you, your name and address and information ut your holdings of securities, have been obtained in accordance with applicable securities regulatory requirements from the primediary holding on your behalf."
	4.	I am aware that it is a contravention of the law to use a NOBO list for purposes other than in connection with one or more of the following:
		<ul><li>(a) sending securityholder materials to NOBOs in accordance with National Instrument 54-101;</li><li>(b) an effort to influence the voting of securityholders of the reporting issuer;</li><li>(c) an offer to acquire securities of the reporting issuer.</li></ul>
	5.	I declare that I (or the person or company I am using to make this request) has the technological capacity to receive the NOBO list.
Sig	natuı	re
	ne of t ease P	the Person Signing (and Title if Body Corporate) rint)

Date