

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>LEVITT DANIEL J</u>  (Last) (First) (Middle) <u>C/O AQUINOX PHARMACEUTICALS, INC.</u> <u>450 - 887 GREAT NORTHERN WAY</u>  (Street) <u>VANCOUVER A1 V5T 4T5</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AQUINOX PHARMACEUTICALS, INC [ AQXP ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/06/2014</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date					
Stock Option (Right to Buy)	\$11	03/06/2014		A	8,333		(1)	03/05/2024	Common Stock	8,333	\$0.00	20,051 <sup>(2)</sup>	D

**Explanation of Responses:**

- The shares subject to this option shall vest in equal annual installments, at a rate of 1/3rd of the total number of shares on the one-year anniversary of the grant date, 1/3rd of the total number of shares on the second-year anniversary of the grant date, and 1/3rd of the total number of shares on the third-year anniversary of the grant date.
- Includes (i) 8,333 shares issuable upon exercise of an option grant pursuant to the issuer's 2014 Equity Incentive Plan (the "2014 Plan") and (ii) 11,718 option securities issuable upon exercise of an option granted pursuant to the issuer's Joint Canadian Stock Option Plan (the "2006 Plan"). Each option under the 2014 Plan is exercisable for shares of common stock. Each option security granted under the 2006 Plan is exercisable for an "option security". Prior to the closing of the issuer's initial public offering, an option security is comprised of one common exchangeable share and one special voting share of Aquinox Pharmaceuticals Inc., a corporation under the Canadian Business Corporations Act. Following the closing of the issuer's initial public offering, an option security will be comprised of one share of the issuer's common stock.

**Remarks:**

/s/ Daniel Levitt 03/10/2014

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.