

OMB APPROVAL	
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**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>KIRK RANDAL J</u>  (Last) (First) (Middle) <u>C/O THIRD SECURITY, LLC</u> <u>1881 GROVE AVENUE</u>  (Street) <u>RADFORD VA 24141</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AquaBounty Technologies, Inc. [ AQB ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/17/2020</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			
Common Stock								3,199	I	by ADC 2010 <sup>(1)</sup>
Common Stock								99,537	I	by Kapital Joe <sup>(1)</sup>
Common Stock								4,659	I	by Staff 2001 <sup>(1)</sup>
Common Stock								880	I	by Sr. Staff <sup>(1)</sup>
Common Stock								20	I	by Lotus <sup>(1)</sup>
Common Stock								5,775	I	by Third Security <sup>(1)</sup>
Common Stock								1,770	I	by Sr. Staff 2006 <sup>(1)</sup>
Common Stock								885	I	by Staff 2006 <sup>(1)</sup>
Common Stock								295	I	by Incentive 2006 <sup>(1)</sup>
Common Stock								8,239,199	I	by TS AquaCulture <sup>(1)</sup>
Common Stock								9,175,000	I	by TS Bio <sup>(1)</sup>
Common Stock								74,765	I	by Sr. Staff 2007 <sup>(1)</sup>
Common Stock								37,383	I	by Staff 2007 <sup>(1)</sup>
Common Stock								12,461	I	by Incentive 2007 <sup>(1)</sup>
Common Stock								2,159	I	by Spouse

**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)
				Code	V		(A)	(D)					

**Explanation of Responses:**

1. Randal J. Kirk controls each of ADC 2010, LLC ("ADC 2010"), Kapital Joe, LLC ("Kapital Joe"), Third Security Staff 2001 LLC ("Staff 2001"), Third Security Senior Staff LLC ("Sr. Staff"), Lotus Capital (2000) Company, Inc. ("Lotus"), Third Security, LLC ("Third Security"), Third Security Senior Staff 2006 LLC ("Sr. Staff 2006"), Third Security Staff 2006 LLC ("Staff 2006"), Third Security Incentive 2006 LLC ("Incentive 2006"), TS AquaCulture, LLC ("TS AquaCulture"), TS Biotechnology Holdings, LLC ("TS Bio"), Third Security Senior Staff 2007 LLC ("Sr. Staff 2007"), Third Security Staff 2007 LLC ("Staff 2007"), and Third Security Incentive 2007 LLC ("Incentive 2007"). Shares held by these entities may be deemed to be beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

/s/ Randal J. Kirk

12/21/2020

\*\* 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.**