

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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>St.Clare Christine</u>  (Last) (First) (Middle) C/O AQUABOUTY TECHNOLOGIES, INC. TWO MILL AND MAIN PLACE, SUITE 395  (Street) MAYNARD MA 01754  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/30/2016	3. Issuer Name and Ticker or Trading Symbol <u>AquaBounty Technologies, Inc. [ AQB ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. 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 <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Options to Purchase Common Stock	07/01/2015 <sup>(1)</sup>	07/01/2024	Common Stock	24,000	0.36	D	
Options to Purchase Common Stock	02/26/2016 <sup>(2)</sup>	02/26/2025	Common Stock	75,000	0.19	D	
Options to Purchase Common Stock	03/01/2017 <sup>(3)</sup>	03/01/2026	Common Stock	75,000	0.32	D	

**Explanation of Responses:**

- Options to purchase common stock were granted on 7/1/2014 pursuant to the AquaBounty Technologies, Inc. 2006 Equity Incentive Plan and have fully vested.
- Options to purchase common stock were granted on 2/26/2015 pursuant to the AquaBounty Technologies, Inc. 2006 Equity Incentive Plan and have fully vested.
- Options to purchase common stock were granted on 3/1/2016 pursuant to the AquaBounty Technologies, Inc. 2006 Equity Incentive Plan and fully vest one year after the date of grant.

**Remarks:**

Exhibit List - Exhibit 24.1 - Power of Attorney.

/s/ David A. Frank, Name:  
David A. Frank, attorney-in- 12/30/2016  
fact

\*\* 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 5 (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.

POWER OF ATTORNEY - SEC Forms 3, 4 and 5 Filings

The undersigned hereby constitutes and appoints David A. Frank, Chief Financial Officer, Treasurer and Secretary of AquaBounty Technologies, Inc. (the "Company"), with full power of substitution, as the undersigned's true and lawful authorized representative and attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer or director of AquaBounty Technologies, Inc., Forms 3, 4, and 5, and any and all amendments thereto, in accordance with Section 16 of the Securities and Exchange Act of 1934, as amended (the "1934 Act"), and the rules and regulations promulgated thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete the execution of any such form or schedule and the timely filing of such form or schedule with the United States Securities and Exchange Commission and any stock exchange or stock market or other authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney will be in such form and will contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to such attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute, will lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that each foregoing attorney-in-fact, in service in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 or any other provision of the 1934 Act. Notwithstanding the filing of these reports on your behalf by the Company, the undersigned will remain responsible for the accuracy of all information provided to the Company in connection with the filing of such reports.

This Power of Attorney will remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holding of or transactions in securities issued by Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

Signed: /s/ Christine St.Clare

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Print Name: Christine St.Clare

Dated: August 20, 2014  
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[Signature page to Power of Attorney - SEC Forms 3,4 and 5 Filings]