

**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

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

1. Name and Address of Reporting Person* <u>CHASE ANTHONY R</u>  (Last) (First) (Middle) 3450 MONTE VILLA PARKWAY, SUITE 101  (Street) BOTHELL WA 98021  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AVI BIOPHARMA INC [ AVII ]</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) 05/17/2010	
		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 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	05/17/2010		P		18,539	A	\$1.41	283,899	D	
Common Stock	05/18/2010		P		500	A	\$1.41	284,399	D	
Common Stock	05/18/2010		P		10,568	A	\$1.44	294,967	D	

**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)	Date Exercisable	Expiration Date					
Common Stock Purchase Warrants	\$1.78 <sup>(1)</sup>							02/25/2010	08/25/2014	Common Stock	140,000	350,000	D	
Non-Qualified Stock Option (right to buy)	\$1.24							04/20/2011 <sup>(2)</sup>	04/20/2020	Common Stock	60,000	60,000	D	

**Explanation of Responses:**

- Mr. Chase holds 350,000 warrants to purchase common stock. Each warrant can be exercised to purchase 4/10 (or 0.4) of a share of common stock. Thus, Mr. Chase's 350,000 warrants are exercisable to purchase 140,000 shares of common stock at \$1.78 per share.
- Such options shall have a four-year vesting period commencing on the Grant Date, 1/4th of the shares vest and become exercisable on the earlier of one year after the Grant Date or the commencement of the next succeeding annual meeting of shareholders; 1/4th of the shares vest and become exercisable on the earlier of two years after the Grant Date or the commencement of the next succeeding annual meeting of shareholders, 1/4th of the shares vest and become exercisable on the earlier of three years after the Grant Date or the commencement of the next succeeding annual meeting of shareholders and 1/4th of the shares vest and become exercisable on the earlier of four years after the Grant Date or the commencement of the next succeeding annual meeting of shareholders.

/s/ Melinda Miles, Attorney-In-Fact For: Anthony Chase 05/18/2010

\*\* 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.