Chilton Anthony S Form 4 December 09, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES

obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

Chilton Anthony S

2701 KENT AVENUE

2. Issuer Name and Ticker or Trading

Symbol

BIOANALYTICAL SYSTEMS INC

[BASI]

(Last) (First) (Middle)

12/01/2008

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

3. Date of Earliest Transaction

(Month/Day/Year)

Form filed by More than One Reporting Person Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of

Issuer

below)

Director

Applicable Line)

X_ Officer (give title

WEST LAFAYETTE, IN 47906

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if

Code (Month/Day/Year) (Instr. 8)

3.

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

4. Securities

(A)

Securities Beneficially Owned Following Reported

Form: Direct (T) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

10% Owner Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

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6. Ownership

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person

below)

Estimated average

burden hours per

Transaction(s) (Instr. 3 and 4)

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

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SEC 1474 (9-02)

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

1. Title of Derivative Security

Security

(Instr. 3)

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 3.53	12/01/2008		A		30,000		<u>(1)</u>	12/01/2018	Common shares	30,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Chilton Anthony S 2701 KENT AVENUE WEST LAFAYETTE, IN 47906

COO, Scientific Studies

Signatures

/s/ Michael R. Cox, as attorney-in-fact for Anthony S.
Chilton 12/09/2008

Date

**Signature of Reporting Person

Explanation of Responses:

- * 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).
- The options become exercisable in three equal installments of 10,000 shares each on December 1, 2009, December 1, 2010 and December 1, 2011, subject to earlier vesting in the circumstances described in the Company's stock option plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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