Davis Katherine Lyon Form 4 October 30, 2009

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **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 *

Davis Katherine Lyon

2. Issuer Name and Ticker or Trading

Symbol

CHEMBIO DIAGNOSTICS, INC.

[CEMI]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

3661 HORSEBLOCK ROAD 06/03/2009

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner

Other (specify

Person

Issuer

below)

X Director

Officer (give title

MEDFORD, NY 11763

1.Title of

Security

(Instr. 3)

(City) (State) (Zip)

(Month/Day/Year)

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

Execution Date, if

2. Transaction Date 2A. Deemed

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(A) or Code V Amount (D) Price

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

1. Title of Derivative Conversion Security or Exercise

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

Execution Date, if any

4. 5. Number of TransactionDerivative Securities Code Acquired (A) or

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

7. Title and Amou Underlying Secur (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)			Disposed of (D) (Instr. 3, 4, and 5)				
				Code	/ (A)	(D)	Date Exercisable	Expiration Date	Title	Am Nur Sha
Options (right to buy)	\$ 0.48	06/03/2009		D		108,000	<u>(1)</u>	06/21/2012	Common Stock	10
Options (right to buy)	\$ 0.13	06/03/2009		A	375,000		(3)	06/03/2014	Common Stock	37

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
Davis Katherine Lyon 3661 HORSEBLOCK ROAD MEDFORD, NY 11763	X						

Signatures

/S/ Katherine L.

Davis

**Signature of Reporting Person

Date

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).
- (1) 36,000 options vested on each of 6/21/09, 6/21/10, and 6/21/11.
- (2) The reporting person agreed to cancellation of an option granted to her in consideration of a change in director's compensation
- (3) 75,000 options vested on each of 6/3/09, 6/3/10, 6/3/11, 6/3/12, and 6/3/13

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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