Shannon James Samuel Form 4 February 11, 2011

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

0.5

Form 4 or Form 5 obligations may continue.

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

SECURITIES

burden hours per response...

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Shannon James Samuel

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

02/09/2011

ENDOCYTE INC [ECYT]

(Check all applicable)

(First) (Middle) (Last)

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

X Director 10% Owner Officer (give title Other (specify

3000 KENT AVE, SUITE A1-100

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

below)

WEST LAFAYETTE, IN 47906

(City) (State) (Zip)

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

1.Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following (Instr. 4) Reported

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

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

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 control number.

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 Conversion Security or Exercise (Instr. 3) Price of

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

Execution Date, if (Month/Day/Year) 4. 5. Number Transaction of Derivative Code Securities (Instr. 8) Acquired

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

7. Title and Amount of 8. l **Underlying Securities** (Instr. 3 and 4)

De

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	Derivative Security				(A) or Disposed of (D) (Instr. 3, 4, and 5)					
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 7.23	02/09/2011	A		2,617		<u>(1)</u>	02/09/2021	Common Stock	2,617

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Shannon James Samuel
3000 KENT AVE, SUITE A1-100 X

WEST LAFAYETTE, IN 47906

Signatures

/s/ James S.
Shannon

**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) Shares subject to the option vest 1/3 of the shares upon the business day before each of the Issuer's first three annual stockholder meetings following February 9, 2011.

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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