

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* GILES EDWARD M (Last) (First) (Middle) C/O METABOLIX, INC. 21 ERIE STREET (Street) CAMBRIDGE MA 02139 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol METABOLIX, INC. [MBLX]	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) 11/15/2006	
	4. 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 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	11/15/2006		C		218,851	A	(1)	267,514	D	
Common Stock	11/15/2006		C		15,340	A	(1)	97,070	I	By Isles Capital L.P. ⁽²⁾
Common Stock	11/15/2006		C		135,312	A	(1)	135,312	I	By Metabolix Preferred 2005 GRAT ⁽²⁾
Common Stock	11/15/2006		C		130,765	A	(1)	130,765	I	By Metabolix 2006 GRAT I ⁽²⁾
Common Stock	11/15/2006		C		130,768	A	(1)	130,768	I	By Metabolix 2006 GRAT II ⁽²⁾

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						Title
Series A Preferred Stock	(1)	11/15/2006		C			60,000	(1)	(1)	Common Stock	49,038	\$0	0	D	
Series B Preferred Stock	(1)	11/15/2006		C			38,000	(1)	(1)	Common Stock	31,057	\$0	0	D	
Series C Preferred Stock	(1)	11/15/2006		C			46,000	(1)	(1)	Common Stock	37,595	\$0	0	D	
Series D Preferred Stock	(1)	11/15/2006		C			43,000	(1)	(1)	Common Stock	35,143	\$0	0	D	
Series 04 Preferred Stock	(1)	11/15/2006		C			80,776	(1)	(1)	Common Stock	66,018	\$0	0	D	
Series 04 Preferred Stock	(1)	11/15/2006		C			11,770	(1)	(1)	Common Stock	9,619	\$0	0	I	By Isles Capital, L.P. ⁽²⁾

**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	Title	Amount or Number of Shares				
Series 05 Preferred Stock	(1)	11/15/2006		C			7,000	(1)	(1)	Common Stock	5,721	\$0	0	I	By Isles Capital, L.P. ⁽²⁾
Series 04 Preferred Stock	(1)	11/15/2006		C			165,560	(1)	(1)	Common Stock	135,312	\$0	0	I	By Metabolix Preferred 2005 GRAT ⁽²⁾
Series E Preferred Stock	(1)	11/15/2006		C			10,000	(1)	(1)	Common Stock	8,173	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾
Series F Preferred Stock	(1)	11/15/2006		C			23,149	(1)	(1)	Common Stock	18,919	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾
Series G Preferred Stock	(1)	11/15/2006		C			46,300	(1)	(1)	Common Stock	37,840	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾
Series 04 Preferred Stock	(1)	11/15/2006		C			52,366	(1)	(1)	Common Stock	42,798	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾
Series 05 Preferred Stock	(1)	11/15/2006		C			28,185	(1)	(1)	Common Stock	23,035	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾
Series 04 Preferred Stock	(1)	11/15/2006		C			160,000	(1)	(1)	Common Stock	130,768	\$0	0	I	By Metabolix 2006 GRAT ⁽²⁾

Explanation of Responses:

- The Issuer's preferred stock automatically converted into Common Stock on a .8173-for-1 basis upon the closing of the Issuer's initial public offering.
- The reporting person disclaims beneficial ownership of such securities except to the extent of his pecuniary interest, if any.

/s/ Sarah P. Cecil, attorney-in-fact 11/17/2006

** 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.