

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
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1. Name and Address of Reporting Person* <u>Muller Edward M</u>			2. Issuer Name and Ticker or Trading Symbol <u>METABOLIX, INC. [MBLX]</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)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>11/15/2006</u>					
C/O METABOLIX, INC. 21 ERIE STREET			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		
(Street)	(City)	(State)	(Zip)					

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		897,276	A	(1)	1,060,736	D	
Common Stock	11/15/2006		C		2,382	A	(1)	22,814	I	By The Gwyneth Muller Irrevocable Trust-2000 ⁽²⁾
Common Stock	11/15/2006		C		2,382	A	(1)	22,814	I	By The Lara Muller Irrevocable Trust-2000 ⁽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 A Preferred Stock	(1)	11/15/2006		C		530,000		(1)	(1)	Common Stock	433,169	\$0	0	D	
Series B Preferred Stock	(1)	11/15/2006		C		55,000		(1)	(1)	Common Stock	44,951	\$0	0	D	
Series C Preferred Stock	(1)	11/15/2006		C		186,000		(1)	(1)	Common Stock	152,017	\$0	0	D	
Series D Preferred Stock	(1)	11/15/2006		C		12,000		(1)	(1)	Common Stock	9,807	\$0	0	D	
Series E Preferred Stock	(1)	11/15/2006		C		23,150		(1)	(1)	Common Stock	18,920	\$0	0	D	
Series F Preferred Stock	(1)	11/15/2006		C		40,389		(1)	(1)	Common Stock	33,009	\$0	0	D	
Series G Preferred Stock	(1)	11/15/2006		C		73,334		(1)	(1)	Common Stock	59,935	\$0	0	D	
Series I-1 Preferred Stock	(1)	11/15/2006		C		177,987		(1)	(1)	Common Stock	145,468	\$0	0	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	Title	Amount or Number of Shares				
Series I-1 Preferred Stock	(1)	11/15/2006		C			2,915	(1)	(1)	Common Stock	2,382	\$0	0	I	By The Gwyneth Muller Irrevocable Trust-2000 ⁽²⁾
Series I-1 Preferred Stock	(1)	11/15/2006		C			2,915	(1)	(1)	Common Stock	2,382	\$0	0	I	By The Lara Muller Irrevocable Trust-2000 ⁽²⁾

Explanation of Responses:

- The Issuer's preferred stock automatically converted into CommonStock 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.