SEC Form 4

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
GILES EDWARD M	**METABOLIX, INC.** [MBLX]	X Director — 10% Owner — Officer (give title below) — Other (specify below)
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/09/2007	
C/O METABOLIX, INC. 21 ERIE STREET		
(Street)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)
CAMBRIDGE MA 02139		X Form filed by One Reporting Person — Form filed by More than One Reporting Person
(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	08/09/2007		X		6,659	A	$13.2142	374,162	D	
Common Stock								97,070	I	By Isles Capital, L.P.[1]
Common Stock								130,765	I	By Metabolix 2006 GRAT I[1]
Common Stock								130,768	I	By Metabolix 2006 GRAT II[1]
Common Stock								1,540	I	By Robin Walter Giles Trust[1]
Common Stock								1,540	I	By Elizabeth Hartigan Giles Trust[1]
Common Stock								144,329	I	By Giles Family Trust[1]

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				
Warrant (right to buy)	$13.2142	08/09/2007		X			11,609	[2]	06/10/2008	Common Stock	11,609	$0	0	D	
Warrant (right to buy)	$13.2142	08/09/2007		X			1,634	[2]	06/10/2008	Common Stock	1,634	$0	0	D	

Explanation of Responses:

1. The reporting person disclaims beneficial ownership except to the extent of his pecuniary interest, if any.

2. This warrant is fully vested and exercisable.

/s/ Sarah P. Cecil, attorney-in-fact   08/29/2007

** Signature of Reporting Person   Date