

Gildea Edward J
 Form 4
 December 23, 2009

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
 Gildea Edward J

(Last) (First) (Middle)

C/O CONVERTED ORGANICS INC., 137A LEWIS WHARF

(Street)

BOSTON, MA 02110

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Converted Organics Inc. [COIN]

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/23/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 President and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)
				(A) or (D) Code V Amount Price			
Common Stock	12/23/2009		P	100 A \$ 0.6549	21,850	I	By IRA
Common Stock	12/23/2009		P	100 A \$ 0.655	21,950	I	By IRA
Common Stock	12/23/2009		P	500 A \$ 0.6594	22,450	I	By IRA
Common Stock	12/23/2009		P	5,100 A \$ 0.6585	27,550	I	By IRA
Common Stock	12/23/2009		P	500 A \$ 0.6595	28,050	I	By IRA

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Common Stock	12/23/2009	P	1,700	A	\$ 0.6593	29,750	I	By IRA
Common Stock						91,107	D	

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

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(9-02)

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 Underlying Securities (Instr. 3 and 4)	8. I	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Class B Warrants	\$ 11					03/15/2007	02/13/2012	Common Stock	1,400
Stock Options (right to buy)	\$ 3.75					06/15/2006	06/15/2011	Common Stock	100,000
Stock Option (right to buy)	\$ 5.02					06/27/2008	06/27/2018	Common Stock	125,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gildea Edward J C/O CONVERTED ORGANICS INC. 137A LEWIS WHARF BOSTON, MA 02110	X		President and CEO	

Signatures

/s/ Edward J.
Gildea

12/23/2009

__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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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