Gildea Edward J Form 4 December 30, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB

Number:

3235-0287 January 31,

0.5

Expires:

2005 Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

See Instruction 1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Gildea Edward J

> (First) (Middle)

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

(Street)

2. Issuer Name and Ticker or Trading Symbol

Converted Organics Inc. [COIN]

3. Date of Earliest Transaction

(Month/Day/Year) 12/30/2009

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ Director 10% Owner

X_ Officer (give title Other (specify below)

President and CEO

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

BOSTON, MA 02110

| (City) | (State) | (Zip) Tabl | e I - Non-E | Derivative | Secui | rities Acqu | ired, Disposed of | , or Beneficiall | y Owned |
|--------------------------------------|---|---|--|---------------------------------|-------|--------------|--|---|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactic Code (Instr. 8) | 4. Securion(A) or Di (Instr. 3, | spose | d of (D) | 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) |
| Common Stock | 12/30/2009 | | P | 3,900 | A | \$ 0.7 | 52,650 | I | By IRA |
| Common Stock | 12/30/2009 | | P | 2,600 | A | \$ 0.6986 | 55,250 | 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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number.

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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. Transactic Code (Instr. 8) | 5. DonNumber 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 II S (|
|---|---|---|---|--|--|--|--------------------|---|----------------------------------|----------|
| | | | | 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 | Keiauonsnips | | | | | |
|--------------------------------|--------------|-----------|---------|-------|--|--|
| | 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

12/30/2009

**Signature of 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.

Reporting Owners 2

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