

Orphanos Anthony  
Form 4  
July 16, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
Orphanos Anthony

2. Issuer Name and Ticker or Trading Symbol  
BION ENVIRONMENTAL TECHNOLOGIES INC [BNET]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
04/30/2009

\_\_\_\_ Director  
\_\_\_\_ Officer (give title below)  
 10% Owner  
\_\_\_\_ Other (specify below)

C/O CARET ASSET MANAGEMENT, 40 WEST 57TH STREET, 20TH FLOOR

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

NEW YORK, NY 10019

(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 Ownership (Instr. 4) |           |   |  |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----------|---|--|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |           |   |  |
|                                 |                                      |  |                                | Code  | V   | Amount   |                                   |           |   |  |
| Common Stock                    | 06/30/2009                           |  | C                              |   | 91,283  | A  | \$ 0.75                           | 1,168,416 | D |  |
| Common Stock                    | 06/30/2009                           |  | J <sup>(1)</sup>               |   | 50,000  | A  | \$ 0 <sup>(1)</sup>               | 1,218,416 | D |  |

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

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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. 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 Underlying Security (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
|  |  |                                      |  | Code V (A) (D)                 |   | Date Exercisable Expiration Date                         | Title   |
| Convertible Note                           | \$ 0.75  | 06/30/2009                           |  | C                              | 65,884  | 01/13/2009 06/30/2009                                    | Common Stock                                      |
| Warrants                                   | \$ 1.25  | 04/30/2009                           |  | A                              | 10,500  | 04/30/2009 12/31/2018                                    | Common Stock                                      |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Orphanos Anthony<br>C/O CARET ASSET MANAGEMENT<br>40 WEST 57TH STREET, 20TH FLOOR<br>NEW YORK, NY 10019 |               | X         |         |       |

## Signatures

/s/ Anthony  
Orphanos 07/16/2009

\_\_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).
- (1) Registrant and reporting person just discovered that the reporting person has been under-reporting his ownership by 50,000 shares.
- (2) The warrants were issued in exchange for the extension of the maturity date of a \$35,000 advance which Mr. Orphanos had made to the Company.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.