O'Neill William Form 3 January 04, 2011

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 A Person * O'Neill V | | eporting | 2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2011 | 3. Issuer Name and Ticker or Trading Symbol BION ENVIRONMENTAL TECHNOLOGIES INC [BNET] | | | | | | |
|--|---------|-------------|--|---|--|--------------------------|--|--|--|--|
| (Last) | (First) | (Middle) | 01/01/2011 | 4. Relationship of Reporting Person(s) to Issuer | | | 5. If Amendment, Date Origina Filed(Month/Day/Year) | | | |
| BOX 566 (Street) CRESTONE, CO 81131 | | | | (Check all applicable) _X Director 10% Owner _X Officer Other (give title below) (specify below) Chief Executive Officer | | Owner r ow) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (City) | (State) | (Zip) | Table I - N | Non-Derivat | n-Derivative Securities Beneficially Owned | | | | | |
| 1.Title of Secu (Instr. 4) | rity | | 2. Amount of Beneficially (Instr. 4) | | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nat Owne (Instr | * | | | |
| Reminder: Rep | _ | | ach class of securities benefici | ially S | EC 1473 (7-02 | 2) | | | | |
| | Pers | ons who res | pond to the collection of | | | | | | | |

information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise Price of | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--|---|----------------------------|--|
| | | (Instr. 4) | | Derivative | |
| | Data Esseniable Essination | Ti41- A | Derivative | Security: | |
| | Date Exercisable Expiration | Title Amount or Number of | Security | Direct (D) | |
| | Date | | | or Indirect | |
| | | Shares | | (I) | |

(Instr. 5)

Stock Options (Right to Buy) 01/01/2011(1) 12/31/2014 Common Stock 750,000 \$ 3.1 D Â

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

O'Neill William

BOX 566 Â X Â Â Chief Executive Officer Â

CRESTONE, Â COÂ 81131

Signatures

/s/ William E. 01/04/2011

**Signature of Date
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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) Of the 750,000 options, 300,000 shares shall vest immediately and 450,000 shares shall vest at the rate of 28,125 every three months commencing March 31, 2011 and ending December 31, 2014.

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.

Reporting Owners 2