

BAUMGARDNER JAMES R  
Form 4  
February 23, 2006

**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 \*  
BAUMGARDNER JAMES R

2. Issuer Name and Ticker or Trading Symbol  
AMERICAN ECOLOGY CORP  
[ECOL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
300 E. MALLARD, SUITE 300  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/21/2006

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

BOISE, ID 83706

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

(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   |  |                                   |
| Common Stock                    | 02/21/2006                           | 02/21/2006   | M                              | 13,187 A  | \$ 3  | 102,508  | D                                 |
| Common Stock                    | 02/21/2006                           | 02/21/2006   | M                              | 61,538 A  | \$ 4.5  | 102,508  | D                                 |
| Common Stock                    | 02/21/2006                           | 02/21/2006   | M                              | 33,758 A  | \$ 6.5  | 102,508  | D                                 |
| Common Stock                    | 02/22/2006                           | 02/22/2006   | S                              | 29,391 D  | \$ 18.827   | 102,508  | D                                 |
| Common Stock                    | 02/23/2006                           | 02/23/2006   | S                              | 5,000 D   | \$ 18.72  | 102,508  | D                                 |

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Common Stock 02/23/2006 02/23/2006 S 1,254 D \$ 18.85 102,508 D

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

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SEC 1474 (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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable Expiration Date                         | Title Amount or Number of Shares                              |
| Common Stock Option                        | \$ 3   | 02/21/2006                           | 02/21/2006   | M                              | 13,187  | 02/11/2003 02/11/2013                                    | Common Stock 13,187   |
| Common Stock Option                        | \$ 4.5   | 02/21/2006                           | 02/21/2006   | M                              | 61,538  | 02/11/2003 02/11/2013                                    | Common Stock 61,538   |
| Common Stock Option                        | \$ 6.5   | 02/21/2006                           | 02/21/2006   | M                              | 33,758  | 02/11/2003 02/11/2003                                    | Common Stock 33,758   |

## Reporting Owners

| Reporting Owner Name / Address                                      | Relationships |           |           |       |
|---|---------------|-----------|-----------|-------|
|   | Director      | 10% Owner | Officer   | Other |
| BAUMGARDNER JAMES R<br>300 E. MALLARD, SUITE 300<br>BOISE, ID 83706 |               |           | SVP & CFO |       |

## Signatures

James R. Baumgardner 02/23/2006

\*\*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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