

ENVIRONMENTAL TECTONICS CORP  
 Form 4  
 December 29, 2005

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

OMB APPROVAL  
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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 \*  
 ADVANCED TECHNOLOGY  
 ASSET MANAGEMENT LLC

2. Issuer Name and Ticker or Trading Symbol  
 ENVIRONMENTAL TECTONICS  
 CORP [ETC]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 50 MIDTOWN PARK EAST  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 12/27/2005

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

MOBILE, AL 36606  
 (City) (State) (Zip)

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

**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)  | Price   |  |   |   |   |
|                                 |                                      |  |                                | Code  | V   | Amount   |   |   |   |
| Common Stock                    | 12/29/2005                           |  | P                              | A   | 2,000   | \$ 5.07  | 420,710   | I | By T. Todd Martin, III <sup>(4)</sup>       |
| Common Stock                    |                                      |  |                                |   |   |  | 17,000  | I | By Equity Management, LLC <sup>(1)</sup>    |
| Common Stock                    |                                      |  |                                |   |   |  | 7,000   | I | By Trusts <sup>(2)</sup>                    |
| Common Stock                    |                                      |  |                                |   |   |  | 26,900  | I | By Allied Williams Co., Inc. <sup>(3)</sup> |
|                                 |                                      |  |                                |   |   |  | 14,300  | I |   |

Common  
Stock

By T. Todd  
Martin, III and  
spouse

Common  
Stock

1,146,520 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. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| ADVANCED TECHNOLOGY ASSET MANAGEMENT LLC<br>50 MIDTOWN PARK EAST<br>MOBILE, AL 36606 |               | X         |         |       |

## Signatures

/s/ T. Todd Martin, III, individually, as Manager of the Reporting Person, as Vice President of Allied Williams Companies, Inc., and Manager of Equity Management, LLC

12/29/2005

\_\_\_\_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) Mr. Martin is the manager of Equity Management, LLC

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- (2) Mr. Martin is the trustee of the trusts
- (3) Mr. Martin is an officer and director of Allied Williams Co., Inc.
- (4) Mr. Martin is the manager of the reporting person

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.