

| OMB APPROVAL                                |                   |
|---|-------------------|
| OMB Number:                                 | 3235-0287         |
| Expires:                                    | December 31, 2014 |
| Estimated average burden hours per response | 0.5               |

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**

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

|  |  |  |
|--|--|--|
| <b>1. Name and Address of Reporting Person *</b><br>ADVANCED TECHNOLOGY ASSET MANAGEMENT LLC<br><br>(Last) (First) (Middle)<br>50 MIDTOWN PARK EAST<br><br>(Street)<br>MOBILE AL 36606<br><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br>ENVIRONMENTAL TECTONICS CORP [ETC] | <b>5. Relationship of Reporting Person(s) to Issuer</b><br>(Check all applicable)<br>Director <input checked="" type="checkbox"/> 10% Owner<br>Officer (give title below) <input type="checkbox"/> Other (specify below) |
|  | <b>3. Date of Earliest Transaction</b><br>(Month/Day/Year)<br>10/20/2006                 |  |
| <b>4. If Amendment, Date of Original Filed</b><br>(Month/Day/Year)   |  |  |

**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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 10/20/2006                           |  | A                              |   | 2,700   | A          | \$ 5.58 | 17,000  | I  | By T. Todd Martin, III and spouse                     |
| Common Stock                    |                                      |  |                                |   |   |            |         | 17,000  | I  | By Equity Management, LLC <sup>(1)</sup>              |
| Common Stock                    |                                      |  |                                |   |   |            |         | 26,900  | I  | By Allied Williams Co., Inc. <sup>(3)</sup>           |
| Common Stock                    |                                      |  |                                |   |   |            |         | 6,200   | I  | By Perdido Investors, LLC <sup>(5)</sup>              |
| Common Stock                    |                                      |  |                                |   |   |            |         | 1,260,220   | D  |   |
| Common Stock                    |                                      |  |                                |   |   |            |         | 636,510   | I  | By T. Todd Martin, III <sup>(4)</sup>                 |
| Common Stock                    |                                      |  |                                |   |   |            |         | 7,000   | I  | By Trusts <sup>(2)</sup>                              |

**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 Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|---|-----|--|-----------------|---|--|--|--|--|
|  |  |                                      |  | Code                           | V | (A)   | (D) | Date Exercisable   | Expiration Date |   |  |  |  |  |

**Explanation of Responses:**

1. Mr. Martin is the manager of Equity Management, LLC
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
5. Mr. Martin is the manager of Perdido Investors, LLC

T. Todd Martin, III                      10/24/2006

\*\* Signature of Reporting Person                      Date

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

\* 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.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**