

ENVIRONMENTAL TECTONICS CORP
 Form 4
 August 18, 2006

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 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 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)
 08/16/2006

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

MOBILE, AL 36606

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V Amount (A) or (D) Price \$ | | | |
| Common Stock | 08/16/2006 | | P | 22,500 A 6.4 | 1,260,220 | D | |
| Common Stock | | | | | 17,000 | I | By Equity Management, LLC ⁽¹⁾ |
| Common Stock | | | | | 7,000 | I | By Trusts ⁽²⁾ |
| Common Stock | | | | | 26,900 | I | By Allied Williams Co., Inc. ⁽³⁾ |
| | | | | | 14,300 | I | |

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
- (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

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.