MITCHELL WILLIAM F

Form 4

August 10, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

| 1. Name and Address of Reporting Person * MITCHELL WILLIAM F | | | 2. Issuer Name and Ticker or Trading Symbol ENVIRONMENTAL TECTONICS CORP [ETCC] | | | | | C | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|---|---------------|---|---------------------------------|------|--|--------|------------|--|--|---|--|
| (Last) | (First) (M | liddle) | 3. Date of Earliest Transaction (Month/Day/Year) 08/06/2010 | | | | | | _X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) President | | | |
| | (Street) | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | 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 - No | n-De | erivative S | Securi | ities Acc | quired, Disposed o | of, or Beneficial | ly Owned | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Execution any | emed on Date, if Day/Year) | 3. Transa Code (Instr. | | 4. Securi n(A) or Di (D) (Instr. 3, | spose | d of | 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) | |
| Common Stock | 08/06/2010 | 08/06/2 | 2010 | P | | 1,300 | A | \$ 3.25 | 1,049,724 | D | | |
| Common Stock | | | | | | | | | 45,200 | I | Held by Spouse | |

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

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) ive es ed | | | | 8. Pr Deriv Secu (Inst |
|---|---|--------------------------------------|---|---|---|----------------------------|--------------------|-----------------|-------------------------------------|---------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Option to Purchase | \$ 2.64 | | | | | 10/26/2010 | 10/26/2019 | Common Stock | 11,000 | |
| Option to Purchase | \$ 2.64 | | | | | 10/26/2011 | 10/26/2019 | Common Stock | 11,000 | |
| Option to Purchase | \$ 2.64 | | | | | 10/26/2012 | 10/26/2019 | Common Stock | 11,000 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|-----------|-------|--|--|--|
| • 0 | Director | 10% Owner | Officer | Other | | | |
| MITCHELL WILLIAM F | | | | | | | |
| | X | X | President | | | | |

Signatures

William F
Mitchell

**Signature of Reporting Person

O8/10/2010

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. 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.

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