FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| 1. Name and Address of Reporting Person [*] SAWYER GEORGE A | 2. Issuer Name and Ticker or Trading Symbol ENVIRONMENTAL TECTONICS CORP [ETCC] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|--|--|---|--|--|--|--|
| (Last) (First) (Middle) C/O ENVIRONMENTAL TECTONICS CORP, 125 JAMESWAY | 3. Date of Earliest Transaction (Month/Day/Year) 12/17/2009 | X Director 10% Owner Officer (give title below) below) | | | | |
| (Street) SOUTHAMPTON PA 18966 (City) (State) (Zip) | 4. If Amendment, Date of 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 | | | | |

| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | |
|---|--|---|---------------------|---|--------|------------------|-------|---|--|-------------------------|--|--|
| 1.Title of Security (Instr. 3) | , , , | 2A. Deemed Execution Date, if any (Month/Day/Year) | Transaction Code | | | | | | 6. Ownership Form: Direct (D) | Beneficial Ownership | | |
| | | | Code | V | Amount | (A) or (D) | Price | Following Reported Transaction(s) (Instr. 3 and 4) | or Indirect (I) (Instr. 4) | (Instr. 4) | | |

| 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. Transac Code (Instr. 8) | | 5. 6. Date Exercisable and Expiration Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | Amount of Underlying | | 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 | Title | Amount or Number of Shares | | | | |
| Option to Purchase | \$ 2.64 | 12/17/2009 | | A | | 3,334 | | 10/26/2010 | 10/26/2019 | Common Stock | 3,334 | \$0 | 0 | D | |
| Option to Purchase | \$ 2.64 | 12/17/2009 | | A | | 3,333 | | 10/26/2011 | 10/26/2019 | Common Stock | 3,333 | \$ 0 | 0 | D | |
| Option to Purchase | \$ 2.64 | 12/17/2009 | | A | | 3,333 | | 10/26/2012 | 10/26/2019 | Common Stock | 3,333 | \$0 | 0 | D | |

Explanation of Responses:

George A Sawyer <u>12/21/2009</u> ** 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.