

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF
THE SECURITIES EXCHANGE ACT OF 1934

Date of Earliest Event Reported
August 15, 2011

Environmental Tectonics Corporation

(Exact name of registrant as specified in its charter)

Pennsylvania

(State or other jurisdiction of incorporation of organization)

1-10655

(Commission File Number)

23-1714256

(IRS Employer Identification Number)

County Line Industrial Park
Southampton, Pennsylvania
(Address of principal executive offices)

18966
(Zip Code)

Registrant's telephone number, including area code (215) 355-9100

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

On August 15, 2011, the Board of Directors of Environmental Tectonics Corporation (the “Company”) elected Roger Colley to the Company’s Board of Directors.

The Board has determined that Mr. Colley is independent under applicable laws and regulations. Mr. Colley will serve as Chair of the Company’s Audit Committee and as a member of the Compensation Committee.

There is no arrangement or understanding between Mr. Colley and any other person pursuant to which Mr. Colley was elected as a director, and there are no related party transactions involving Mr. Colley.

Mr. Colley will receive compensation for his service as a non-employee director pursuant to the Company’s director compensation policy which is set forth in the Company’s Proxy Statement filed on June 21, 2011.

A copy of the press release of the Company announcing Mr. Colley’s election is attached as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

The following exhibits are furnished or filed in accordance with Item 601 of Regulation S-K:

[99.1](#) Press of the Company announcing the election of Roger Colley to the Board of Directors of Environmental Tectonics Corporation

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

ENVIRONMENTAL TECTONICS CORPORATION
Registrant

Date: August 16, 2011

By: /s/ Robert L. Laurent

Robert L. Laurent
Chief Financial Officer

**Environmental Tectonics Corporation Announces
the Expansion of its Board of Directors**

Roger Colley Appointed as a Member

Southampton, PA, August 15, 2011. Environmental Tectonics Corporation (OTC Bulletin Board: (ETCC:PK) (“ETC”) today announced the appointment of Roger Colley to its Board of Directors. Mr. Colley brings the total of ETC Board members to seven.

Mr. Colley is a graduate of the Wharton School of the University of Pennsylvania and the former president of two public environmental companies, both regarded as technical leaders in their respective fields. He also served for fifteen years as a trustee of the Children’s Hospital of Philadelphia. He is a certified public accountant and a member of the American Institute of Certified Public Accountants.

William F. Mitchell, ETC’s Chairman and President, stated, “I am very pleased that Roger has agreed to join our Board of Directors. With his experience as an entrepreneur and his management and financial background, Roger will be invaluable in helping ETC promote and grow our tactical flight simulation and Advanced Disaster Management Simulator businesses.”

About Environmental Tectonics Corporation:

ETC designs, manufactures and sells software driven products and services used to recreate and monitor the physiological effects of motion on humans and equipment and to control, modify, simulate and measure environmental conditions. These products include aircrew training systems (aeromedical, tactical combat and general), disaster management systems, sterilizers (steam and gas), environmental testing products and hyperbaric chambers and other products and services that involve similar manufacturing techniques and engineering technologies. ETC’s unique ability to offer complete systems, designed and produced to high technical standards, sets it apart from its competition. ETC is headquartered in Southampton, PA. For more information about ETC, visit <http://www.etcusa.com/>.

Forward-looking Statements:

This press release contains forward-looking statements, which are based on management's current expectations and are subject to uncertainties and changes in circumstances. Words and expressions reflecting something other than historical fact are intended to identify forward-looking statements, but are not the exclusive means of identifying such statements. The Company's actual results could differ materially from those anticipated in forward-looking statements as a result of a variety of factors, including those discussed in "Risk Factors" included in the Company's most-recent Annual Report on Form 10-K filed with the United States Securities and Exchange Commission. We caution you not to place undue reliance on these forward-looking statements.

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