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**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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

**Date of Earliest Event Reported**  
April 24, 2008

**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 2.02. Results of Operations and Financial Condition.**

On April 24, 2008, Environmental Tectonics Corporation (the "Company") issued a press release announcing its restated financial results for the third quarter and year-to-date of fiscal 2007 and for the full 2007 fiscal year, which ended February 23, 2007.

The operating results reflect the formal investigation conducted by the Company's Audit Committee, in conjunction with management, of the impact of the previously announced claim settlement with the U.S. Navy (the "Navy") in June 2007. After investigation, it was determined that the carrying value of the claim receivable associated with the U. S. Navy dispute had been impaired during the third quarter of fiscal 2007. The impairment resulted from certain allegations made by the Navy, which subsequently resulted in a counterclaim being filed by the Navy against the Company. The Navy claim issue has now been fully resolved as described below.

The restatement in the third quarter, third quarter year-to-date and full year results of fiscal 2007 involves one change, namely the recording of a reserve against a claim receivable for the full amount of the carrying value of \$3,004,000 of the previously recorded claim receivable related to the Navy submarine decompression rescue chamber project. The effect of this adjustment results in a corresponding reduction in accounts receivable, an increase in net loss and a reduction in stockholder's equity. As previously reported on a Form 8-K filed July 16, 2007, the Company had expensed the claim receivable during the first quarter of fiscal 2008, reflecting the aforementioned settlement with the Navy. Therefore, the first quarter operating results will be adjusted to reflect a reversal of the charge for the receivable, resulting in a \$3,004,000 increase in net income. No other changes to the previously reported financial results were determined to be required.

The Company's independent registered public accounting firm is currently auditing financial statements for fiscal years 2007 and 2008. The Company expects to file Quarterly Reports on Form 10-Q for the periods ended May 25, 2007, August 24, 2007 and November 23, 2007 and its Annual Report on Form 10-K for the year ended February 29, 2008 on or before May 29, 2008.

A copy of the press release issued by the Company on April 24, 2008 disclosing the Company's restated financial results is filed as Exhibit 99.1 to this Current Report on Form 8-K and 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 Release dated April 24, 2008.

In accordance with General Instruction B.2 of Form 8-K, the information set forth under Item 2.02 in this Form 8-K is being furnished under Item 2.02 and shall not be deemed to be “filed” for the purposes of Section 18 of the Securities and Exchange Act of 1934 (the “Exchange Act”), or otherwise subject to the liabilities of such section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act.

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: April 24, 2008

By /s/ Duane D. Deaner

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Duane D. Deaner  
Chief Financial Officer

**EXHIBIT INDEX**

99.1 Press Release dated April 24, 2008.

**ENVIRONMENTAL TECTONICS CORPORATION**  
**ANNOUNCES RESTATED PRIOR PERIOD FINANCIAL RESULTS**

Southampton, PA, April 24, 2008 – *Environmental Tectonics Corporation* (AMEX: ETC) (“ETC” or the “Company”) today announced restated financial results for the third quarter and year-to-date of fiscal 2007 and full year fiscal 2007, which ended February 23, 2007. The operating results published below reflect the formal investigation conducted by the Company’s Audit Committee, in conjunction with management, of the impact of the previously announced claim settlement with the U.S. Navy (the “Navy”) in June 2007. After investigation, it was determined that the carrying value of the claim receivable associated with the U. S. Navy dispute had been impaired during the third quarter of fiscal 2007. The impairment resulted from certain allegations made by the Navy, which subsequently resulted in a counterclaim being filed by the Navy against the Company. The Navy claim issue has now been fully resolved as described below.

The restatement in the third quarter, third quarter year-to-date and full year results of fiscal 2007 involves one change, namely the recording of a reserve against a claim receivable for the full amount of the carrying value of \$3,004,000 of the previously recorded claim receivable related to the Navy submarine decompression rescue chamber project. The effect of this adjustment results in a corresponding reduction in accounts receivable, an increase in net loss and a reduction in stockholder’s equity. As previously reported on a Form 8-K filed July 16, 2007, the Company had expensed the claim receivable during the first quarter of fiscal 2008, reflecting the aforementioned settlement with the Navy. Therefore, the first quarter operating results will be adjusted to reflect a reversal of the charge for the receivable, resulting in a \$3,004,000 increase in net income. No other changes to the previously reported financial results were determined to be required.

The restated consolidated financial statements of operations by period, with comparisons to previously stated financial results, follow:

	Fiscal 2007			
	UNAUDITED			
	(dollars in thousands, except share and per share information)			
	13 weeks ended Nov. 24, 2006 restated	13 weeks ended Nov. 24, 2006 as reported	39 weeks ended Nov. 24, 2006 restated	39 weeks ended Nov. 24, 2006 as reported
Net sales	\$ 4,718	\$ 4,718	\$ 13,622	\$ 13,622
Cost of goods sold	3,688	3,688	11,084	11,084
Gross profit	1,030	1,030	2,538	2,538

## Fiscal 2007

## UNAUDITED

(dollars in thousands, except share and per share information)

	13 weeks ended Nov. 24, 2006 restated	13 weeks ended Nov. 24, 2006 as reported	39 weeks ended Nov. 24, 2006 restated	39 weeks ended Nov. 24, 2006 as reported
Selling and administrative	2,568	2,568	7,204	7,204
Claim settlement costs	3,004	0	3,004	0
Research and development	43	43	529	529
	<u>5,615</u>	<u>2,611</u>	<u>10,737</u>	<u>7,733</u>
Operating loss	(4,585)	(1,581)	(8,199)	(5,195)
Other expenses				
Interest	291	291	857	857
Other, net	(43)	(43)	(36)	(36)
	<u>248</u>	<u>248</u>	<u>821</u>	<u>821</u>
Loss before taxes and minority interest	(4,833)	(1,829)	(9,020)	(6,016)
Provision for income taxes	4	4	13	13
Loss before minority interest	(4,837)	(1,833)	(9,033)	(6,029)
Income attributable to minority interest	33	33	16	16
Net loss	\$ (4,870)	\$ (1,866)	\$ (9,049)	\$ (6,045)
Per share information				
Loss per common share	\$ (4,960)	\$ (1,956)	\$ (9,218)	\$ (6,214)
Basic	(\$0.55)	(\$0.22)	(\$1.02)	(\$0.69)
Diluted	(\$0.55)	(\$0.22)	(\$1.02)	(\$0.69)
Weighted average shares				
Basic	9,027,000	9,027,000	9,031,000	9,031,000
Diluted	9,027,000	9,027,000	9,031,000	9,031,000

	Fiscal 2007	
	UNAUDITED	
	(dollars in thousands, except share and per share information)	
	52 weeks ended Feb. 23, 2007 restated	52 weeks ended Feb. 23, 2007 as reported
Net sales	\$ 17,419	\$ 17,419
Cost of goods sold	<u>15,348</u>	<u>15,348</u>
Gross profit	2,071	2,071
Selling and administrative	9,434	9,434
Claim settlement costs	3,004	0
Research and development	<u>569</u>	<u>569</u>
	13,007	10,003
Operating loss	(10,936)	(7,932)
Other expenses		
Interest	1,151	1,151
Other, net	<u>(58)</u>	<u>(58)</u>
	1,093	1,093
Loss before taxes and minority interest	(12,029)	(9,025)
Benefit from income taxes	<u>(77)</u>	<u>(77)</u>
Loss before minority interest	(11,952)	(8,948)
Loss attributable to minority interest	<u>(8)</u>	<u>(8)</u>
Net loss	\$ (11,944)	\$ (8,940)
Per share information		
Loss per common share	\$ (12,203)	\$ (9,199)
Basic	(\$1.35)	(\$1.02)
Diluted	(\$1.35)	(\$1.02)
Weighted average shares		
Basic	9,030,000	9,030,000
Diluted	9,030,000	9,030,000

ETC designs, develops, installs and maintains aircrew training systems (aeromedical, tactical combat and general), disaster management training systems and services, entertainment products, sterilizers (steam and gas), environmental testing products, hyperbaric chambers and related products for domestic and international customers.



*This press release may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 as amended, and Section 21E of the Securities Exchange Act of 1934. We have based these forward-looking statements on our current expectations and projections about future events. These forward-looking statements are subject to known and unknown risks, uncertainties and assumptions about the Company that may cause our actual results, levels of activity, performance or achievements to be materially different from any other future results, levels of activity, performance or achievements expressed or implied by such forward-looking statements. These forward-looking statements include statements with respect to ETC's vision, mission, strategies, goals, beliefs, plans, objectives, expectations, anticipations, estimates, intentions, financial condition, results of operations, future performance and business of ETC, including but not limited to, (i) the proposed acquisition by H. F. Lenfest, a member of ETC's Board of Directors and a significant shareholder of ETC, (ii) projections of revenue, costs of raw materials, income or loss, earnings or loss per share, capital expenditures, growth prospects, dividends, capital structure, other financial items and the effects of currency fluctuations, (iii) statements of plans and objectives of ETC or its management or Board of Directors, including the introduction of new products, or estimates or predictions of actions of customers, suppliers, competitors or regulatory authorities, (iv) statements of future economic performance, (v) statements of assumptions and other statements about ETC or its business, (vi) statements made about the possible outcomes of litigation involving ETC, and (vii) statements preceded by, followed by or that include the words "may", "could", "should", "looking forward", "would", "believe", "expect", "anticipate", "estimate", "intend", "plan", or the negative of such terms or similar expressions. These forward-looking statements involve risks and uncertainties which are subject to change based on various important factors. Some of these risks and uncertainties, in whole or in part, are beyond ETC's control. Factors that might cause or contribute to such a material difference include, but are not limited to, those discussed in our Securities and Exchange Commission filings and other public documents, including, without limitation, our Annual Report on Form 10-K for the fiscal year ended February 23, 2007. Shareholders are urged to review these risks carefully prior to making an investment in the ETC's common stock. The Company cautions that the foregoing list of important factors is not exclusive.*

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