

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
July 11, 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 2.02. Results of Operations and Financial Condition.

On July 11, 2011, Environmental Tectonics Corporation (the “Company”) issued a press release (the “July 11 Release”) announcing unaudited financial results for the first quarter of fiscal year 2012, which ended on May 27, 2011. The July 11 Release inadvertently reflected a prior draft of the Company’s earnings release, which prior draft contained preliminary and subsequently superseded information with respect to, among other things, the Company’s quarterly operating income, earnings per share, and earnings before interest, taxes, depreciation, and amortization (“EBITDA”). A copy of the July 11 Release is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. The July 11 Release should be disregarded and should not be relied upon.

On July 12, 2011, the Company determined that the July 11 Release was a prior draft and promptly issued an updated press release announcing the Company’s correct unaudited financial results for the first quarter of fiscal year 2012, which ended on May 27, 2011. A copy of this press release is furnished as Exhibit 99.2 to this Current Report on Form 8-K and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

The following exhibits are furnished:

[99.1](#) Press Release dated July 11, 2011.

[99.2](#) Press Release dated July 12, 2011.

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: July 13, 2011

By: /s/ Robert L. Laurent, Jr.

Robert L. Laurent, Jr.

Chief Financial Officer

**ENVIRONMENTAL TECTONICS CORPORATION
ANNOUNCES FISCAL 2012 FIRST QUARTER RESULTS**

First Fiscal Quarter 2012 Performance:

- **Record quarterly net sales of \$16.3 million**
- **Record quarterly operating income of \$3.3 million**
- **Diluted Earnings per share of \$0.06**
- **EBITDA increased 70%**
- **Backlog of \$92 million as of May 27, 2011**

SOUTHAMPTON, PA, USA, July XX, 2011 – *Environmental Tectonics Corporation* (OTC Bulletin Board: ETCC:PK) (“ETC” or the “Company”) today announced net sales for the first fiscal quarter of 2012 reached a quarterly record for the Company of \$16.3 million, an increase of \$4.2 million, or 34.3% over net sales of \$12.1 million in the first fiscal quarter of 2011. Operating income was favorably affected by the increase in sales and the corresponding increase in gross profit and reached \$3.3 million in the first quarter of 2012, also a quarterly record, and an increase of \$1.0 million, or 45.3%, over operating income of \$2.2 million in first quarter of fiscal 2011. Income before taxes improved in the first fiscal quarter of 2012 by \$1.1 million, or 54.5%, over the fiscal 2011 quarter. Net income in the fiscal 2012 quarter of \$1.9 million, or \$0.06 per fully diluted share, equaled first quarter of 2011 net income of \$1.9 million, also \$0.06 per fully diluted share. However, first quarter 2012 net income reflects a provision for income taxes of \$1.1 million, whereas there was no provision for income taxes in the prior year quarter.

William F. Mitchell, ETC’s President and Chairman, stated, “We are very pleased to report record quarterly sales, operating income and income before taxes in the first quarter of fiscal 2012. This performance reflects the execution on contracts that amounted to \$106 million backlog with which we entered fiscal 2012. With our backlog remaining at high levels, and our products in demand, we continue to believe that the future remains bright.”

Geographically, domestic sales in fiscal first quarter 2012 were \$4.3 million, an increase of \$1.4 million, or 46.5%, over the fiscal first quarter 2011 sales of \$2.9 million. The domestic sales increase is due primarily to Pilot Training Systems and Simulation increasing over the prior year, as well as increased sterilizer, hyperbaric and environmental product sales within the CSG Group. Domestic sales represented 26.3 % of the Company’s total sales in fiscal first quarter 2012, and 24.1% of the Company’s total sales in fiscal first quarter 2011. U.S. Government sales in the fiscal first quarter of 2012 were \$7.6 million, as compared to fiscal first quarter 2011 sales of \$4.0 million, an increase of \$3.6 million, or 91.5%, and represented 46.9% of total sales in fiscal first quarter 2012 versus 32.9% for fiscal first quarter 2011. This increase is the result of sales of the Company’s Pilot Training Systems products under significant contracts from the U.S. Navy for a research disorientation trainer and the U.S. Air Force to provide a high performance human centrifuge and a suite of research altitude chambers. International sales, including sales of the Company’s Poland subsidiary, for fiscal first quarter 2012, were \$4.4 million as compared to \$5.2 million in fiscal first quarter 2011, a decrease of \$0.8 million, or 16.3%, and represented 26.8% of total sales, as compared to 43.0% in fiscal first quarter 2011. The International decline primarily reflects lower Pilot Training System and Environmental product sales offset, in part, by increases in Simulation and Hyperbaric product sales. International sales in fiscal first quarter 2012 include \$2.1 million in sales to the Korean government. International sales in fiscal first quarter 2011 included sales to the Korean government of \$4.5 million.

Segment sales

Sales of our Training Services Group (TSG) products were \$10.2 million the fiscal first quarter of 2012, an increase of \$2.2 million, or 28.2% over fiscal first quarter 2011. Sales of these products accounted for 62.5% of net sales versus 65.4% in the fiscal quarter of 2011. Sales in our other segment, the Control Systems Group (CSG), increased \$1.9 million, or 45.7%, and constituted 33.7% of our net sales compared to 37.5% in fiscal 2011.

Gross profit

Gross profit for fiscal first quarter 2012 was \$6.5 million as compared to \$5.1 million, in fiscal first quarter 2011, an increase of \$1.4 million, or 26.7%. The improvement in gross profit resulted from increased sales in both U.S. Governmental and domestic sales which were partially offset by the reduction in higher margin international sales. Gross profit margin as a percentage of sales for fiscal first quarter 2012 was 39.9% compared to 42.3% for the same period a year ago. The 2.4 percentage point reduction in the gross profit margin primarily reflects lower sales of international products.

Operating expenses

Selling and marketing expenses for fiscal first quarter 2012 were \$1.3 million, an increase of \$189,000, or 17.2%, from fiscal first quarter 2011. However, as a percentage of net sales, selling and marketing expenses decreased from 9.1% in fiscal first quarter 2011 to 7.9% in fiscal first quarter 2012. The dollar increase is primarily a result of additional sales people, offset in part by reduced commissions on the mix shift in sales in the current quarter to U.S. Government sales.

General and administrative expenses for fiscal first quarter 2012 were \$1.7 million, as compared to \$1.5 million in fiscal first quarter 2011, an increase of \$242,000, or 16.5%. As a percentage of net sales, general and administrative expenses declined to 10.5% in fiscal first quarter 2012 from 12.1% in fiscal first quarter 2011. The dollar increase is primarily a result of increases in European operations, audit and consulting expenses.

Research and development expenses, which are charged to operations as incurred, were \$245,000 in fiscal first quarter 2012, as compared to \$324,000 in fiscal first quarter 2011. Most of the Company's research efforts, which were and continue to be a significant cost of its business, are included in cost of sales for applied research for specific contracts, as well as research for feasibility and technology updates.

Operating income

The \$1.0 million, or 45.3%, improvement in operating income represented a combination of higher sales volume and gross profit, and reduced operating expenses as a percentage of net sales.

On a segment basis, the TSG had an operating income of \$2.0 million, a \$0.6 million improvement over the segment operating income of \$1.4 million in the first fiscal quarter of 2011. The CSG had operating income of \$1.5 million in fiscal first quarter of 2012, an increase of \$0.3 million over the prior year quarter. These segment operating results were offset, in part, by unallocated corporate expenses of \$0.2 million in fiscal first quarter 2012, which decreased slightly from the fiscal 2011 quarter.

Interest, other expenses and taxes

Interest expense for fiscal first quarter 2012 was \$105,000 as compared to \$228,000 for fiscal first quarter 2011, representing a decrease of \$79,000, or 24.4%, reflecting reduced bank borrowing.

Other expense, net, was \$108,000 for fiscal first quarter 2012 versus \$72,000 for fiscal first quarter 2011. These expenses consist primarily of bank and letter of credit fees as well as foreign currency exchange gains or losses.

As of February 25, 2011, the Company reviewed the components of its deferred tax assets and determined, based upon all available information, that its current and expected future operating income will more likely than not result in the realization of its deferred tax assets relating primarily to its net operating loss carryforwards. The Company has a net deferred tax asset related to its net operating loss carryforwards of \$8.7 million. The Company recorded a provision for income taxes of \$1.1 million in fiscal first quarter 2012. Due to the utilization of net operating loss carry forwards available, and valuation allowances on the deferred tax asset in fiscal first quarter 2011, the Company did not record an income tax provision on income in fiscal first quarter 2011.

As of May 27, 2011, the Company had approximately \$27.9 million of federal net loss carry forwards available to offset future income tax liabilities, beginning to expire in 2025. In addition, the Company has the ability to offset deferred tax assets against deferred tax liabilities created for such items as depreciation and amortization.

Liquidity and Capital Resources

The Company operated at a higher level of production during the first fiscal quarter of 2012, to meet the requirements of its long-term contracts. As a result, \$4.2 million of cash was utilized by operating activities during the quarter compared to cash provided by operations of \$8.2 million in the fiscal first quarter 2010. Working capital was \$18.2 million and \$11.1 million as of May 27, 2011 and February 25, 2011, respectively. At May 27, 2011, availability under our lines of credit was \$19.0 million.

ETC was incorporated in 1969 in Pennsylvania. Our core business includes the design, manufacture and sale of our core technologies within (1) Training Services (TSG) which includes (i) software driven products and services used to create and monitor the physiological effects of flight; (ii) high performance jet tactical flight simulation, and; (iii) Driving and Disaster Simulation Systems, and also within (2) Control Systems (CSG) which includes: (i) steam and gas sterilization; (ii) testing and simulation devices for the automotive industry, and; (iii) Hyperbaric and Hypobaric Chambers. Product categories included in TSG are Aircrew Training Systems (ATS) and Flight Simulators and Disaster Management Systems. CSG includes Sterilizers, Environmental Control Devices and Hyperbaric Chambers along with parts and service support.

This press release includes 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, as amended. These forward-looking statements are based on ETC's current expectations and projections about future events. These forward-looking statements are subject to known and unknown risks, uncertainties and assumptions about ETC's and its subsidiaries that may cause actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements.

These forward-looking statements include statements with respect to the Company's vision, mission, strategies, goals, beliefs, plans, objectives, expectations, anticipations, estimates, intentions, financial condition, results of operations, future performance and business of the company, including but not limited to, (i) projections of revenues, costs of 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, (ii) statements of our plans and objectives of the Company 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, (iii) statements of future economic performance, (iv) statements of assumptions and other statements about the Company or its business, (v) statements made about the possible outcomes of litigation involving the Company, (vi) statements regarding the Company's ability to obtain financing to support its operations and other expenses, 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 the Company's control. Factors that might cause or contribute to such a material difference include, but are not limited to, those discussed in our Annual Report on Form 10-K for the fiscal year ended February 26, 2010, in the section entitled "Risks Particular to Our Business." Shareholders are urged to review these risks carefully prior to making an investment in the Company's Common Stock.

The Company cautions that the foregoing list of important factors is not exclusive. Except as required by federal securities law, the Company does not undertake to update any forward-looking statement, whether written or oral, that may be made from time to time by or on behalf of the Company.

Contact: Robert L. Laurent, Jr, CFO

Tel: 215-355-9100

(Ext. 1550)

Fax: 215-357-4000

ETC – Internet Home Page:

<http://www.etcusa.com>

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-Financial Tables Follow-

Table A

ENVIRONMENTAL TECTONICS CORPORATION
SUMMARY TABLE OF RESULTS
(amounts in thousands except share and per share information)

| | First Fiscal Quarter | | Variance | |
|--|----------------------|------------|----------|--------|
| | 27-May-11 | 28-May-10 | \$ | % |
| Net sales | \$ 16,274 | \$ 12,121 | 4,153 | 34.3% |
| Cost of sales | 9,776 | 6,991 | 2,785 | 39.8% |
| Gross profit | \$ 6,498 | \$ 5,130 | \$ 1,368 | 26.7% |
| Selling and marketing expenses | 1,291 | 1,102 | 189 | 17.2% |
| General and administrative expenses | 1,705 | 1,463 | 242 | 16.5% |
| Research and development expenses | 245 | 324 | (79) | -24.4% |
| Operating expenses | 3,241 | 2,889 | 352 | 12.2% |
| Operating income | \$ 3,257 | \$ 2,241 | \$ 1,016 | 45.3% |
| Interest expense, net | 150 | 228 | (78) | -34.2% |
| Other expense, net | 108 | 72 | 36 | 50.0% |
| Income before income taxes | \$ 2,999 | \$ 1,941 | \$ 1,058 | 54.5% |
| Provision for income taxes | 1,135 | - | 1,135 | |
| Minority interest | 16 | 5 | 11 | 220.0% |
| Net income | \$ 1,848 | \$ 1,936 | \$ (88) | -4.5% |
| Preferred Stock dividends | (552) | (577) | 25 | -4.3% |
| Net earnings available to common shareholders | \$ 1,296 | \$ 1,359 | \$ (63) | -4.6% |
| Basic earnings per share: | | | | |
| Distributed earnings per share: | | | | |
| Common | \$ - | \$ - | \$ - | |
| Preferred | \$ 0.05 | \$ 0.05 | \$ - | 0.0% |
| Undistributed earnings per share: | | | | |
| Common | \$ 0.03 | \$ 0.03 | \$ - | 0.0% |
| Preferred | 0.03 | 0.04 | - | 0.0% |
| Basic earnings per share | \$ 0.06 | \$ 0.07 | \$ - | 0.0% |
| Diluted earnings per share | \$ 0.06 | \$ 0.06 | \$ - | 0.0% |
| Total basic weighted average number of common shares | 20,200,000 | 20,719,000 | | |
| Total diluted weighted average number of shares | 20,520,000 | 21,082,000 | | |

Table B

ENVIRONMENTAL TECTONICS CORPORATION
UNAUDITED SEGMENT DATA
(amounts in thousands)

| | First Fiscal Quarter | | Variance | |
|--------------------------------|----------------------|------------------|-----------------|-------------|
| | 27-May-11 | 28-May-10 | \$ | % |
| Net sales: | | | | |
| Training Services Group | | | | |
| Domestic | \$ 726 | \$ 34 | 692 | 2035.3 |
| US Government | 6,407 | 4,003 | 2,404 | 60.1 |
| International | 3,038 | 3,895 | (857) | -22.0 |
| Total | <u>\$ 10,171</u> | <u>\$ 7,932</u> | <u>\$ 2,239</u> | <u>28.2</u> |
| Control Systems Group | | | | |
| Domestic | \$ 3,548 | \$ 2,884 | 664 | 23.0 |
| US Government | 1,225 | (17) | 1,242 | |
| International | 1,330 | 1,322 | 8 | 0.6 |
| Total | <u>\$ 6,103</u> | <u>\$ 4,189</u> | <u>\$ 1,914</u> | <u>45.7</u> |
| Net sales | <u>\$ 16,274</u> | <u>\$ 12,121</u> | <u>\$ 4,153</u> | <u>34.3</u> |
| Operating income: | | | | |
| Training Services Group | \$ 2,001 | \$ 1,409 | 592 | 42.0 |
| Control Services Group | 1,458 | 1,110 | 348 | 31.4 |
| Corporate | (202) | (278) | 76 | 27.3 |
| Total | <u>\$ 3,257</u> | <u>\$ 2,241</u> | <u>\$ 1,016</u> | <u>45.3</u> |
| Operating margin: | | | | |
| Training Services Group | 19.7% | 17.8% | | |
| Control Services Group | 23.9% | 26.5% | | |
| Corporate | -1.2% | -2.3% | | |
| Total | <u>20.0%</u> | <u>18.5%</u> | | |
| Depreciation and amortization: | | | | |
| Training Services Group | \$ 224 | \$ 192 | 32 | 16.7 |
| Control Services Group | 128 | 154 | (26) | -16.9 |
| Total | <u>\$ 352</u> | <u>\$ 346</u> | <u>\$ 6</u> | <u>1.7</u> |

Table C

ENVIRONMENTAL TECTONICS CORPORATION
Other Selected Financial Highlights
(amounts in thousands)

| | First Quarter Ended | |
|--------|---------------------|-----------|
| | 27-May-11 | 28-May-10 |
| EBITDA | \$ 3,501 | \$ 2,057 |

| | As of | |
|----------------------|-----------|------------|
| | 27-May-11 | 25-Feb-11 |
| Working capital | \$ 18,177 | \$ 11,063 |
| Shareholders' equity | \$ 29,265 | \$ 28,129 |
| Backlog | \$ 92,098 | \$ 105,534 |

**ENVIRONMENTAL TECTONICS CORPORATION
ANNOUNCES FISCAL 2012 FIRST QUARTER RESULTS**

First Fiscal Quarter 2012 Performance:

- **Record quarterly net sales of \$16.3 million**
- **Record quarterly operating income of \$2.9 million**
- **Diluted Earnings per share of \$0.05**
- **EBITDA increased 24%**

SOUTHAMPTON, PA, USA, July XX , 2011 – *Environmental Tectonics Corporation* (OTC Bulletin Board: ETCC:PK) (“ETC” or the “Company”) today announced net sales for the first fiscal quarter of 2012 reached a quarterly record for the Company of \$16.3 million, an increase of \$4.2 million, or 34.3% over net sales of \$12.1 million in the first fiscal quarter of 2011. Operating income was favorably affected by the increase in sales and the corresponding increase in gross profit and reached \$2.9 million in the first quarter of fiscal 2012, also a quarterly record, and an increase of \$0.6 million, or 28.3%, over operating income of \$2.2 million in first quarter of fiscal 2011. Income before taxes improved in the first fiscal quarter of 2012 by \$0.7 million, or 34.8%, over the first fiscal 2011 quarter. Net income of \$1.6 million, or \$0.05 per fully diluted share, in the first fiscal quarter of 2012 decreased \$0.3 million, or 16.9%, compared to \$1.9 million, or \$0.06 per fully diluted share, in the first fiscal quarter of 2011; however, first quarter 2012 net income reflects a provision for income taxes of \$1.0 million, whereas there was no such provision for income taxes in the prior year quarter.

William F. Mitchell, ETC’s President and Chairman, stated, “We are very pleased to report record quarterly sales, operating income and income before taxes in the first quarter of fiscal 2012. This performance reflects the execution on contracts that amounted to \$106 million backlog with which we entered fiscal 2012. With our backlog remaining at high levels, and our products in demand, we continue to believe that the future remains bright.”

Geographically, domestic sales in first fiscal quarter 2012 were \$4.3 million, an increase of \$1.4 million, or 46.5%, over the first fiscal quarter 2011 sales of \$2.9 million. The domestic sales increase is due primarily to Pilot Training Systems and Simulation increasing over the prior year, as well as increased sterilizer, hyperbaric and environmental product sales within the CSG Group. Domestic sales represented 26.3% of the Company’s total sales in first fiscal quarter 2012, and 24.1% of the Company’s total sales in first fiscal quarter 2011. U.S. Government sales in the first fiscal quarter of 2012 were \$7.6 million, as compared to first fiscal quarter 2011 sales of \$4.0 million, an increase of \$3.6 million, or 91.5%, and represented 46.9% of total sales in first fiscal quarter 2012 versus 32.9% for first fiscal quarter 2011. This increase is the result of sales of the Company’s Pilot Training Systems products under significant contracts from the U.S. Navy for a research disorientation trainer and the U.S. Air Force to provide a high performance human centrifuge and a suite of research altitude chambers. International sales, including sales of the Company’s Poland subsidiary, for first fiscal quarter 2012, were \$4.4 million as compared to \$5.2 million in first fiscal quarter 2011, a decrease of \$0.8 million, or 16.3%, and represented 26.8% of total sales, as compared to 43.0% in first fiscal quarter 2011. The International decline primarily reflects lower Pilot Training System and Environmental product sales offset, in part, by increases in Simulation and Hyperbaric product sales. International sales in first fiscal quarter 2012 include \$2.1 million in sales to the Korean government. International sales in first fiscal quarter 2011 included sales to the Korean government of \$4.5 million.

Segment sales

Sales of our Training Services Group (TSG) products were \$10.2 million the first fiscal quarter of 2012, an increase of \$2.2 million, or 28.2% over first fiscal quarter 2011. Sales of these products accounted for 62.5% of net sales versus 65.4% in the fiscal quarter of 2011. Sales in our other segment, the Control Systems Group (CSG), increased \$1.9 million, or 45.7%, and constituted 37.5% of our net sales compared to 34.6% in fiscal 2011.

Gross profit

Gross profit for first fiscal quarter 2012 was \$6.5 million as compared to \$5.1 million, in first fiscal quarter 2011, an increase of \$1.4 million, or 26.7%. The improvement in gross profit resulted from increased sales in both U.S. Governmental and domestic sales which were partially offset by the reduction in higher margin international sales. Gross profit margin as a percentage of sales for first fiscal quarter 2012 was 39.9% compared to 42.3% for the same period a year ago. The 2.4 percentage point reduction in the gross profit margin primarily reflects lower sales of international products.

Operating expenses

Selling and marketing expenses for first fiscal quarter 2012 were \$1.3 million, an increase of \$189,000, or 17.2%, from first fiscal quarter 2011. However, as a percentage of net sales, selling and marketing expenses decreased from 9.1% in first fiscal quarter 2011 to 7.9% in first fiscal quarter 2012. The dollar increase is primarily a result of additional sales people, offset in part by reduced commissions on the mix shift in sales in the current quarter to U.S. Government sales.

General and administrative expenses for first fiscal quarter 2012 were \$2.1 million, as compared to \$1.5 million in first fiscal quarter 2011, an increase of \$624,000, or 42.7%. As a percentage of net sales, general and administrative expenses increased to 12.8% in first fiscal quarter 2012 from 12.1% in first fiscal quarter 2011. The dollar increase is primarily a result of increases in salaries, European operations, audit and consulting expenses.

Research and development expenses, which are charged to operations as incurred, were \$245,000 in first fiscal quarter 2012, as compared to \$324,000 in first fiscal quarter 2011. Most of the Company's research efforts, which were and continue to be a significant cost of its business, are included in cost of sales for applied research for specific contracts, as well as research for feasibility and technology updates.

Operating income

The \$0.6 million, or 28.3%, improvement in operating income represented a combination of higher sales volume and gross profit, and reduced operating expenses as a percentage of net sales.

On a segment basis, the TSG had an operating income of \$1.9 million, a \$0.5 million improvement over the segment operating income of \$1.4 million in the first fiscal quarter of 2011. The CSG had operating income of \$1.4 million in first fiscal quarter of 2012, an increase of \$0.3 million over the prior year quarter. These segment operating results were offset, in part, by unallocated corporate expenses of \$0.4 million in first fiscal quarter 2012, which increased slightly from the fiscal 2011 quarter.

Interest, other expenses and taxes

Interest expense for first fiscal quarter 2012 was \$150,000 as compared to \$228,000 for first fiscal quarter 2011, representing a decrease of \$78,000, or 34.2%, reflecting reduced bank borrowing.

Other expense, net, was \$108,000 for first fiscal quarter 2012 versus \$72,000 for first fiscal quarter 2011. These expenses consist primarily of bank and letter of credit fees as well as foreign currency exchange gains or losses.

As of February 25, 2011, the Company reviewed the components of its deferred tax assets and determined, based upon all available information, that its current and expected future operating income will more likely than not result in the realization of its deferred tax assets relating primarily to its net operating loss carryforwards. The Company has a net deferred tax asset related to its net operating loss carryforwards of \$8.7 million. The Company recorded a provision for income taxes of \$1.0 million in first fiscal quarter 2012. Due to the utilization of net operating loss carry forwards available, and valuation allowances on the deferred tax asset in first fiscal quarter 2011, the Company did not record an income tax provision on income in first fiscal quarter 2011.

As of May 27, 2011, the Company had approximately \$28.0 million of federal net loss carry forwards available to offset future income tax liabilities, beginning to expire in 2025. In addition, the Company has the ability to offset deferred tax assets against deferred tax liabilities created for such items as depreciation and amortization.

Liquidity and Capital Resources

The Company operated at a higher level of production during the first fiscal quarter of 2012, to meet the requirements of its long-term contracts. As a result, \$4.2 million of cash was utilized by operating activities during the quarter compared to cash provided by operations of \$8.2 million in the first fiscal quarter 2010. Working capital was \$17.8 million and \$11.1 million as of May 27, 2011 and February 25, 2011, respectively. At May 27, 2011, availability under our lines of credit was \$19.0 million.

ETC was incorporated in 1969 in Pennsylvania. Our core business includes the design, manufacture and sale of our core technologies within (1) Training Services (TSG) which includes (i) software driven products and services used to create and monitor the physiological effects of flight; (ii) high performance jet tactical flight simulation, and; (iii) Driving and Disaster Simulation Systems, and also within (2) Control Systems (CSG) which includes: (i) steam and gas sterilization; (ii) testing and simulation devices for the automotive industry, and; (iii) Hyperbaric and Hypobaric Chambers. Product categories included in TSG are Aircrew Training Systems (ATS) and Flight Simulators and Disaster Management Systems. CSG includes Sterilizers, Environmental Control Devices and Hyperbaric Chambers along with parts and service support.

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These forward-looking statements include statements with respect to the Company's vision, mission, strategies, goals, beliefs, plans, objectives, expectations, anticipations, estimates, intentions, financial condition, results of operations, future performance and business of the company, including but not limited to, (i) projections of revenues, costs of 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, (ii) statements of our plans and objectives of the Company 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, (iii) statements of future economic performance, (iv) statements of assumptions and other statements about the Company or its business, (v) statements made about the possible outcomes of litigation involving the Company, (vi) statements regarding the Company's ability to obtain financing to support its operations and other expenses, 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 the Company's control. Factors that might cause or contribute to such a material difference include, but are not limited to, those discussed in our Annual Report on Form 10-K for the fiscal year ended February 26, 2010, in the section entitled "Risks Particular to Our Business." Shareholders are urged to review these risks carefully prior to making an investment in the Company's Common Stock.

The Company cautions that the foregoing list of important factors is not exclusive. Except as required by federal securities law, the Company does not undertake to update any forward-looking statement, whether written or oral, that may be made from time to time by or on behalf of the Company.

Contact: Robert L. Laurent, Jr, CFO

Tel: 215-355-9100

(Ext. 1550)

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ETC – Internet Home Page:

<http://www.etcusa.com>

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-Financial Tables Follow-

Table A

ENVIRONMENTAL TECTONICS CORPORATION
SUMMARY TABLE OF RESULTS
(amounts in thousands except share and per share information)

| | First Fiscal Quarter | | Variance | |
|---|----------------------|------------|-----------|-------|
| | 27-May-11 | 28-May-10 | \$ | % |
| Net sales | \$ 16,274 | \$ 12,121 | \$ 4,153 | 34.3 |
| Cost of goods sold | 9,776 | 6,991 | 2,785 | 39.8 |
| Gross profit | \$ 6,498 | \$ 5,130 | \$ 1,368 | 26.7 |
| Selling and marketing expenses | 1,291 | 1,102 | 189 | 17.2 |
| General and administrative expenses | 2,087 | 1,463 | 624 | 42.7 |
| Research and development expenses | 245 | 324 | (79) | -24.4 |
| Operating expenses | 3,623 | 2,889 | 734 | 25.4 |
| Operating income | \$ 2,875 | \$ 2,241 | \$ 634 | 28.3 |
| Interest expense, net | 150 | 228 | (78) | -34.2 |
| Other expense, net | 108 | 72 | 36 | 50.0 |
| Income before income taxes | \$ 2,617 | \$ 1,941 | \$ 676 | 34.8 |
| Provision for income taxes | 992 | - | 992 | |
| Minority interest | 16 | 5 | 11 | 220.0 |
| Net income | \$ 1,609 | \$ 1,936 | \$ (327) | -16.9 |
| Preferred Stock dividend | (552) | (577) | 25 | -4.3 |
| Income applicable to common and participating shareholders | \$ 1,057 | \$ 1,359 | \$ (302) | -22.2 |
| Basic earnings per common and participating share: | | | | |
| Distributed earnings per share: | | | | |
| Common | \$ - | \$ - | \$ - | |
| Preferred | \$ 0.05 | \$ 0.05 | \$ - | 0.0 |
| Undistributed earnings per share: | | | | |
| Common | \$ 0.05 | \$ 0.07 | \$ (0.02) | -28.6 |
| Preferred | \$ 0.05 | \$ 0.07 | \$ (0.02) | -28.6 |
| Diluted earnings per share | \$ 0.05 | \$ 0.06 | \$ (0.01) | -16.7 |
| Total basic weighted average number of common shares | 20,200,000 | 20,719,000 | | |
| Total diluted weighted average number of shares | 20,520,000 | 21,082,000 | | |

Table B

ENVIRONMENTAL TECTONICS CORPORATION
UNAUDITED SEGMENT DATA
(amounts in thousands)

| | First Fiscal Quarter | | Variance | |
|--------------------------------|----------------------|------------------|-----------------|-------------|
| | 27-May-11 | 28-May-10 | \$ | % |
| Net sales: | | | | |
| Training Services Group | | | | |
| Domestic | \$ 726 | \$ 34 | \$ 692 | 2035.3 |
| US Government | 6,407 | 4,003 | 2,404 | 60.1 |
| International | 3,038 | 3,895 | (857) | -22.0 |
| Total | \$ 10,171 | \$ 7,932 | \$ 2,239 | 28.2 |
| Control Systems Group | | | | |
| Domestic | \$ 3,548 | \$ 2,884 | \$ 664 | 23.0 |
| US Government | 1,225 | (17) | 1,242 | |
| International | 1,330 | 1,322 | 8 | 0.6 |
| Total | \$ 6,103 | \$ 4,189 | \$ 1,914 | 45.7 |
| Net sales | \$ 16,274 | \$ 12,121 | \$ 4,153 | 34.3 |
| Operating income: | | | | |
| Training Services Group | \$ 1,877 | \$ 1,409 | \$ 468 | 33.2 |
| Control Services Group | 1,382 | 1,110 | 272 | 24.5 |
| Corporate | (384) | (278) | (106) | 38.1 |
| Total | \$ 2,875 | \$ 2,241 | \$ 634 | 28.3 |
| Operating margin: | | | | |
| Training Services Group | 18.5% | 17.8% | | |
| Control Services Group | 22.6% | 26.5% | | |
| Corporate | -2.4% | -2.3% | | |
| Total | 17.7% | 18.5% | | |
| Depreciation and amortization: | | | | |
| Training Services Group | \$ 224 | \$ 192 | \$ 32 | 16.7 |
| Control Services Group | 128 | 154 | (26) | -16.9 |
| Total | \$ 352 | \$ 346 | \$ 6 | 1.7 |

Table C

ENVIRONMENTAL TECTONICS CORPORATION
Other Selected Financial Highlights
(amounts in thousands)

| | First Quarter Ended | |
|--------|---------------------|-----------|
| | 27-May-11 | 28-May-10 |
| EBITDA | \$ 3,119 | \$ 2,515 |

| | As of | |
|----------------------|-----------|-----------|
| | 27-May-11 | 25-Feb-11 |
| Working capital | \$ 17,795 | \$ 11,063 |
| Shareholders' equity | \$ 29,026 | \$ 28,129 |