UNITED STATES 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 Report (Date of earliest event reported): August 6, 2009

CECO Environmental Corp.

(Exact Name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-7099 (Commission File Number)

13-2566064 (IRS Employer Identification No.)

3120 Forrer Street, Cincinnati, OH (Address of principal executive offices)

45209 (Zip Code)

Registrant's telephone number, including area code: (416) 593-6543

Not applicable

(Former Name or Former Address, if Changed Since Last Report)

ck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following isions:
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))

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

On August 6, 2009, CECO Environmental Corp. (the "Company") issued a press release announcing its financial results for the three and six months ended June 30, 2009. A copy of the press release is furnished as Exhibit 99.1. to this report and is incorporated herein by reference.

The information in this Item 2.02, including the exhibits, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

Exhibits (d)

Exhibit Title

Exhibit

Number 99.1 Press Release dated August 6, 2009.

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 hereunto duly authorized.

Date: August 6, 2009 CECO Environmental Corp.

By: /s/ Dennis W. Blazer

Dennis W. Blazer

Vice President—Finance and Administration And Chief Financial Officer



NasdaqGM:CECE NEWS RELEASE

CECO ENVIRONMENTAL REPORTS SECOND QUARTER AND SIX MONTH 2009 RESULTS

Increased gross margin despite challenging economic environment

CINCINNATI, OHIO, AUGUST 6, 2009 - CECO Environmental Corp. (NasdaqGM:CECE), a leading provider of industrial ventilation and pollution control systems, today announced second quarter results for the period ended June 30, 2009.

Financial highlights for the second quarter of 2009 compared to the second quarter of 2008 include:

Net sales decreased from \$57.4 million to \$33.5 million

Gross profit decreased from \$10.5 million to \$7.6 million

Gross margin increased to 22.7% from 18.3%

Net loss was \$(0.6) million compared to net income of \$1.0 million in 2008

Net loss per diluted share was \$(0.04) compared to net income per diluted share of \$0.07 in 2008

Backlog as of June 30, 2009 was \$62.4 million compared to \$63.2 million as of March 31, 2009

Total debt as of June 30, 2009 has been reduced by \$12.9 million to \$13.8 million from \$26.7 million as of December 31, 2008

Financial highlights for the six months ended June 30, 2009 compared to six months ended June 30, 2008 include:

Net sales decreased from \$104.3 million to \$73.3 million

Gross profit decreased from \$16.8 million to \$16.3 million

Gross margin increased to 22.2% from 16.1%

Net loss was \$(0.3) million compared to net income of \$0.5 million in 2008

Net loss per diluted share was \$(0.02) compared to net income per diluted share of \$0.03

Backlog as of June 30, 2009 was \$62.4 million compared to \$68.0 million as of December 31, 2008

The decrease in revenues for the three months ended June 30, 2009 was due primarily to the challenging economic environment. The comparative six month decrease in net sales was also attributable to decreases in revenues although to a lesser degree because of an increase in equipment sales in the first quarter of 2009 as compared to the same quarter in 2008.

Although sales for the quarter and six month periods of 2009 were lower than the comparable 2008 periods, gross profit margins increased significantly due to a shift in product mix to higher margin products. Gross profit as a percentage of revenues for the three-month period ended June 30, 2009, increased by 4.4 percentage points to 22.7% compared with 18.3% for the comparable period in 2008 and gross profit as a percentage of revenues for the first six months of 2009 increased to 22.2% compared to 16.1% for the same period in 2008.

In response to the economic environment, the Company has dramatically reduced shop overhead as well as selling and administrative expenses through wage freezes, delayed hiring, reduced work weeks, staff reductions, selective furloughs, reduced manufacturing overhead, satellite plant closings, and reduced travel. On a comparative basis, excluding expenses from companies acquired in 2008 and a non-cash charge to increase the allowance for bad debts, selling and administrative expenses were reduced by \$0.9 million or 11.1% for the three months ended June 30, 2009 and \$1.6 million or 11.0% for the six month period ended June 30, 2009.

Net income for the quarter and six month periods was also affected by a non-recurring expense resulting from a state sales tax audit of a prior year. This amounted to an additional charge of \$211,000, which was reflected in the financial statements as a charge to cost of goods sold of \$118,000 and a charge to interest expense of \$93,000.

Chairman and CEO, Phillip DeZwirek, stated, "We have positioned ourselves very well for the anticipated economic recovery. The investments made as well as the operational rationalization have allowed the company to be ideally prepared for the anticipated pent-up demand for our products and services that we believe will be realized with the economic recovery."

President and Chief Operating Officer, Richard Blum, stated, "Despite the weakening of the economy and its effect on our revenues for the quarter and six months, we have achieved increased gross margins, an important financial benchmark and testament to our focus on cost reductions and operational efficiencies. In addition, we continue to build our international business that will provide increased revenues and anticipated better margins. Through the end of June, our foreign backlog makes up over 23% of our total backlog."

CECO will host a conference call on Thursday, August 6, 2009 at 10:30 a.m. EDT to review its financial results for the quarter. Conferencing details are as follows:

 Dial in number:
 866-713-8565

 International dial in number:
 617-597-5324

 Participant pass code:
 22169585

 Replay:
 888-286-8010

 International:
 617-801-6888

ABOUT CECO ENVIRONMENTAL

Pass code:

CECO Environmental Corp. is North America's largest independent air pollution control company. Through its subsidiaries CECO provides a wide spectrum of air quality services and products including: industrial air filters, environmental maintenance, monitoring and management services, and air quality improvements systems. CECO is a full-service provider to the steel, military, aluminum, automotive, ethanol, aerospace, electric power, semiconductor, chemical, cement, metalworking, glass, foundry and virtually all industrial process industries.

For more information on CECO Environmental please visit the company's website at http://www.cecoenviro.com

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Contact:
Corporate Information
Phillip DeZwirek, CECO Environmental Corp.
Email: investors@cecoenviro.com
1-800-606-CECO (2326)

CECO ENVIRONMENTAL CORP.

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (unaudited)

	THREE MONTHS ENDED JUNE 30,				SIX MONTHS ENDED JUNE 30,				
Dollars in thousands, except per share data	2009		2008		2009		2008		
Net sales	\$	33,547	\$	57,446	\$	73,298	\$	104,308	
Cost of sales		25,952	<u></u>	46,989		57,036		87,556	
Gross profit		7,595		10,457		16,262		16,752	
Selling and administrative		7,803		8,007		15,316		14,823	
Amortization		166		392		479		606	
(Loss) income from operations		(374)	·	2,058		467	·	1,323	
Other (expense) income, net		(261)		_		(172)		_	
Interest expense (including related party interest of \$78 and \$0, and \$187									
and \$0, respectively)		(347)	_	(370)		(709)	_	(579)	
(Loss) income before income taxes		(982)		1,688		(414)		744	
Income tax (benefit) expense		(343)	_	659		(144)	_	290	
Net (loss) income	\$	(639)	\$	1,029	\$	(270)	\$	454	
Per share data:									
Basic net (loss) income	\$	(0.04)	\$	0.07	\$	(0.02)	\$	0.03	
Diluted net (loss) income	\$	(0.04)	\$	0.07	\$	(0.02)	\$	0.03	
Weighted average number of common shares outstanding:									
Basic	14	14,204,447		14,918,888		14,200,072		14,873,554	
Diluted	14,204,447		15,299,944		14	14,200,072		15,274,513	
Gross margin as a percent of sales		22.7%		18.3%		22.2%		16.1%	

Reconciliation of GAAP selling and administrative expenses to comparative non-GAAP selling and administrative expenses;

	3 months ended		6 months ended	
\$ in 000's	6/30/09	6/30/08	6/30/09	6/30/08
Selling and administrative expense as reported per GAAP	\$7,803	\$8,007	\$15,316	\$14,823
Less 3 & 6 month Flextor expenses	(382)	-0-	(656)	-0-
Less 2 months (January and February 2009) FKI expenses	-0-	-0-	(1,169)	-0-
Less allowance for bad debts	(300)	-0-	(300)	-0-
Comparative expense	\$7,121	\$8,007	\$13,191	\$14,823

CECO is providing the non-GAAP historical financial measures presented above as the Company believes that these figures are helpful in allowing individuals to better assess the ongoing nature of CECO's core operations. A "non-GAAP financial measure" is a numerical measure of a company's historical financial performance that excludes amounts that are included in the most directly comparable measure calculated and presented in the GAAP statement of operations.

Non-GAAP comparative selling and administrative expenses as we present them in the financial data included in this press release have been adjusted to exclude the effects of expenses related to recent acquisitions that were not comparably present in prior periods. Flextor, Inc. was acquired in August 2008 and Fisher-Klosterman Inc. (FKI) was acquired in March 2008. Management believes that these non-GAAP financial measures excluding these items better reflect its cost reduction performance as these non-GAAP figures exclude the effects of acquired selling and administrative expenses. Management believes that these items are not necessarily representative of underlying trends in the Company's performance and their exclusion provides individuals with additional information to compare the company's results over multiple periods. We expect our financial statements to continue to be affected by Flextor and FKI expenses excluded in the non-GAAP adjustments described above, and exclusion of these items and the bad debt allowance from our non-GAAP financial measures should not be construed as an inference that all such costs are unusual or infrequent.

In accordance with the requirements of Regulation G issued by the Securities and Exchange Commission, the tables above present the most directly comparable GAAP financial measure and reconcile non-GAAP comparative selling and administrative expenses to the comparable GAAP measures.

This press release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements may be identified by words such as "believe," "anticipate," "intend," "expect," "feel," "may," "could," "would," "will," "should," "plan," or similar statements. All forward-looking statements are subject to certain risks, uncertainties and assumptions. These risks and uncertainties, which are more fully described in CECO's Annual and Quarterly Reports filed with the Securities and Exchange Commission, include changes in economic conditions and changes in market conditions in the industries in which the Company operates. Should one or more of these risks or uncertainties materialize, or should the assumptions prove incorrect, actual results may vary in material aspects from those currently anticipated.