

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Cook Benton Lowell</u>	2. Date of Event Requiring Statement (Month/Day/Year) 09/28/2011	3. Issuer Name and Ticker or Trading Symbol <u>CECO ENVIRONMENTAL CORP [ CECE ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> Officer (give title below) <u>interim CFO</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person  Form filed by More than One Reporting Person
(Last) (First) (Middle) 4625 RED BANK ROAD SUITE 200			
(Street) CINCINNATI OH 45227			
(City) (State) (Zip)			

## Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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## Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Option (right to buy)	01/16/2008 <sup>(1)</sup>	01/16/2017	Common Stock	10,000	11.09	D	
Option (right to buy)	12/01/2011 <sup>(2)</sup>	12/01/2018	Common Stock	3,000	1.98	D	
Option (right to buy)	04/29/2011 <sup>(3)</sup>	04/29/2020	Common Stock	6,000	5.26	D	

## Explanation of Responses:

- The option was granted on January 16, 2007. It vests in four equal annual installments of 2,500 shares on the anniversary date of the grant, commencing January 16, 2008.
- The option was granted on December 1, 2008. The option vests 1,000 shares on each of December 1, 2011, December 1, 2012, and December 1, 2013.
- The option was granted on April 29, 2010. It vests in three equal annual installments of 2,000 shares, commencing April 29, 2011.

## Remarks:

/s/ Benton Lowell Cook

09/30/2011

\*\* 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 5 (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.

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