

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Cook Benton Lowell</u> (Last) (First) (Middle) 4625 RED BANK ROAD SUITE 200 (Street) CINCINNATI OH 45227 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol CECO ENVIRONMENTAL CORP [CECE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Interim CFO
	3. Date of Earliest Transaction (Month/Day/Year) 03/20/2012	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/20/2012		M		1,000	A	\$1.98	1,000	D	
Common Stock	03/20/2012		M		2,000	A	\$5.26	3,000	D	
Common Stock	03/20/2012		S		200	D	\$8.41	2,800	D	
Common Stock	03/20/2012		S		100	D	\$8.37	2,700	D	
Common Stock	03/20/2012		S		200	D	\$8.36	2,500	D	
Common Stock	03/20/2012		S		1,500	D	\$8.35	1,000	D	
Common Stock	03/20/2012		S		800	D	\$8.35	200	D	
Common Stock	03/20/2012		S		75	D	\$8.33	125	D	
Common Stock	03/20/2012		S		125	D	\$8.32	0	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (right to buy)	\$5.26	03/20/2012		M			2,000	(1)	04/29/2020	Common Stock	2,000	\$0	4,000	D	
Employee Stock Option (right to buy)	\$1.98	03/20/2012		M			1,000	(2)	12/01/2018	Common Stock	1,000	\$0	2,000	D	

Explanation of Responses:

- Shares are from an option for 6,000 shares, 2,000 of which vested on April 29, 2011, and 2,000 of which vest on each of April 29, 2012 and April 29, 2013.
- Shares are from an option for 3,000 shares, 1,000 of which vested on December 1, 2011, and 1,000 of which vest on each of December 1, 2012 and December 1, 2013.

Remarks:

/s/ Benton Cook 03/22/2012

** 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 4 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.