

CECO ENVIRONMENTAL CORP  
 Form 4  
 May 27, 2010

**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 DEZWIREK JASON LOUIS

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  
 Officer (give title below)  Other (specify below)  
 Secretary

(Last) (First) (Middle)  
 2300 YONGE STREET, SUITE 1710  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/27/2010

TORONTO, A6 M4P 1E4

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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)
				(A) or (D)	Price		
Common Stock	05/27/2010		P	300	\$ 4.99	1,118,200	D
Common Stock	05/27/2010		P	7,700	\$ 5	1,125,900	D
Common Stock	05/27/2010		P	2,000	\$ 5.01	1,127,900	D
Common Stock	05/27/2010		P	1,000	\$ 5.03	1,128,900	D
Common Stock	05/27/2010		P	1,400	\$ 5.04	1,130,300	D

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Common Stock	05/27/2010	P	3,900	A	\$ 5.08	1,134,200	D	
Common Stock	05/27/2010	P	1,000	A	\$ 5.11	1,135,200	D	
Common Stock	05/27/2010	P	4,600	A	\$ 5.19	1,139,800	D	
Common Stock	05/27/2010	P	1,300	A	\$ 5.2	1,141,100	D	
Common Stock	05/27/2010	P	100	A	\$ 5.25	1,141,200	D	
Common Stock						173,333	I	Icarus Investment Corp. (Ontario) <sup>(1)</sup>
Common Stock						1,334,360	I	Icarus Investment Corp. (Delaware) <sup>(2)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**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 control number.**

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEZWIREK JASON LOUIS 2300 YONGE STREET SUITE 1710 TORONTO, A6 M4P 1E4	X	X	Secretary	

## Signatures

/s/ Jason  
DeZwirek  
05/27/2010

\*\*Signature of Reporting Person                      Date

## Explanation of Responses:

- \* 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).
- (1) Owned 99% by filer.
- (2) Owned 50% by filer.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.