

| OMB APPROVAL | |
|--------------------------|-----------|
| OMB Number: | 3235-0287 |
| Estimated average burden | |
| hours per response: | 0.5 |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| | | |
|---|--|---|
| 1. Name and Address of Reporting Person* <u>DEZWIREK PHILLIP</u> (Last) (First) (Middle) 505 UNIVERSITY AVENUE SUITE 1400 (Street) TORONTO A6 M5G 1X3 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>CECO ENVIRONMENTAL CORP [CECE]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Executive Officer |
| | 3. Date of Earliest Transaction (Month/Day/Year) 07/31/2008 | |
| | 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 | | | |

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 | Amount or Number of Shares | | | | |
| Warrant (Right to Buy) | \$9.07 | | | | | | | 12/28/2006 | 12/28/2016 | Common Stock | 250,000 | | 250,000 | I | See footnote ⁽¹⁾ |
| Convertible Debenture (Right to Buy) ⁽⁴⁾ | \$5.83 | 07/31/2008 | | P | | 835,818 ⁽³⁾ | | 08/04/2008 | 07/31/2010 ⁽²⁾ | Common Stock | 835,818 ⁽³⁾ | \$4,872,819 ⁽³⁾ | 835,818 | D | |

Explanation of Responses:

- These shares are owned by Icarus Investment Corp. (a Canadian corporation) f/k/a Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp., which is controlled by Icarus Investment Corp. (a Delaware corporation), which is owned 50% by filer. Filer is an indirect beneficial owner of these reported securities.
- The convertible debenture is convertible at the option of the holder into common stock of the Company at any time prior to the repayment date. It is repayable upon the earlier of (i) July 31, 2010, (ii) six months after repayment of the senior facility, or (iii) upon certain changes of control. The Company may also prepay upon the consent of the senior lender, and the filer may demand repayment if a third party lender refinances the full amount of the debenture.
- The convertible debenture was issued in the amount of \$5 million Canadian. The number of derivative shares acquired and the price of the derivative security listed reflects the exchange rate as of July 31, 2008.
- The rate of interest is 10% in 2008; 11% in 2009 and 12% in 2010

Phillip DeZwirek

08/04/2008

** 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.