

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 |
| Estimated average burden hours per response: | 0.5 |

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|--|--|---|
| 1. Name and Address of Reporting Person* <u>DEZWIREK PHILLIP</u> (Last) (First) (Middle) <u>505 UNIVERSITY AVENUE</u> <u>SUITE 1400</u> (Street) <u>TORONTO A6 M5G 1X3</u> (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) <input type="checkbox"/> Other (specify below) <u>Chief Executive Officer</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>09/19/2005</u> | |
| | 4. 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 <input type="checkbox"/> Form filed by More than One Reporting Person |

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 | 09/19/2005 | | P | | 8,733 | A | \$3.82 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 1,400 | A | \$3.74 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 200 | A | \$3.81 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 700 | A | \$3.92 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 4,300 | A | \$3.898 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 300 | A | \$3.86 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |

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|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|--|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 09/19/2005 | | P | | 2,245 | A | \$3.88 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 100 | A | \$3.89 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 855 | A | \$3.9 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 100 | A | \$3.75 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 500 | A | \$3.739 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 1,500 | A | \$3.8 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 500 | A | \$3.83 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 500 | A | \$3.95 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 500 | A | \$3.93 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |

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 | 09/19/2005 | | P | | 700 | A | \$3.98 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 300 | A | \$3.9799 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 1,500 | A | \$4.06 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | 09/19/2005 | | P | | 1,000 | A | \$4.05 | 973,333 | I | By Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp. ⁽¹⁾ |
| Common Stock | | | | | | | | 1,334,360 | I | By Icarus Investment Corp. ⁽²⁾ |
| Common Stock | | | | | | | | 310,697 | 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) | | 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) | | | | | |

Explanation of Responses:

- These shares are owned by Can-Med Technology, Inc. d/b/a Green Diamond Oil Corp., which is controlled by Icarus Investment Corp., which is owned 50% by filer. Filer is an indirect beneficial owner of these reported securities.
- Filer is 50% owner of Icarus

Phillip DeZwirek

09/20/2005

** 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.