Rolheiser Eric Form 3/A October 01, 2009

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per response...

INITIAL STATEMENT OF 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 * Rolheiser Eric

(Last) (First) (Middle)

395 OYSTER POINT BLVD., **SUITE 415**

(Street)

SOUTH SAN FRANCISCO. CAÂ 94080

(City) (State) (Zip)

1. Title of Security

(Instr. 4)

Statement (Month/Day/Year)

01/14/2009

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Core-Mark Holding Company, Inc. [CORE]

4. Relationship of Reporting Person(s) to Issuer

Filed(Month/Day/Year) 01/14/2009

(Check all applicable)

Director _X__ Officer (give title below) (specify below)

10% Owner Other President-Canada Operations

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

5. If Amendment, Date Original

Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

Table I - Non-Derivative Securities Beneficially Owned

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form: Direct (D)

Ownership (Instr. 5)

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or Indirect (I) (Instr. 5)

Coremark Common Stock 3,659 (1) D

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

SEC 1473 (7-02)

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

Title

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying **Derivative Security** (Instr. 4)

Conversion or Exercise Price of

Ownership Form of Derivative

6. Nature of Indirect Beneficial

Ownership

(Instr. 5)

Derivative Security: Direct (D) Security

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	Date Exercisable	Expiration Date		Amount or Number of Shares		or Indirect (I) (Instr. 5)	
07LTIP Performance Shares	01/31/2009	06/30/2017	Coremark Common Stock	0 (2)	\$0	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
copyround a water transfer	Director	10% Owner	Officer	Other	
Rolheiser Eric 395 OYSTER POINT BLVD., SUITE 415 SOUTH SAN FRANCISCO. CA 94080	Â	Â	President-Canada Operations	Â	

Signatures

/s/ Amy Morgan,
POA

**Signature of Reporting Person

10/01/2009

Date

Explanation of Responses:

- * 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).
- (1) To report additional 1,000 shares of fully vested 04LTIP restricted shares & to reflect performance share grant in Table I, as opposed to Table II, for consistency purposes.
- (2) To reflect performance share grant in Table I, as opposed to Table II, for consistency purposes.

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Remarks:

Form amended to reflect true holdings as of 1/14/2009.

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.

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