

**VULCAN MATERIALS CO**  
Reported by  
**KOROLOGOS ANN MCLAUGHLIN**

**FORM 4**  
(Statement of Changes in Beneficial Ownership)

Filed 10/14/08 for the Period Ending 10/10/08

Address	1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242
Telephone	2052983000
CIK	0001396009
Symbol	VMC
Fiscal Year	12/31

# FORM 4

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

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

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## 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(f) of the  
Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
KOROLOGOS ANN MCLAUGHLIN	Vulcan Materials CO [ VMC ]	<input checked="" type="checkbox"/> Director _____ 10% Owner ____ Officer (give title below) _____ Other (specify below)
(Last) (First) (Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)	
1200 URBAN CENTER DRIVE	10/10/2008	
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line)
BIRMINGHAM, AL 35242		<input checked="" type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: 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
Phantom Stock (Deferred Compensation)	(1)	10/10/2008		A (2)		69.36		(3)	(3)	Common Stock	69.36	\$72.09	17382.36	D	
Phantom Stock (Deferred Compensation)	(1)	10/11/2008		A (2)		228.68		(3)	(3)	Common Stock	228.68	\$71.06	17611.04	D	

### Explanation of Responses:

- (1) Convertible on a 1-for-1 basis.
- (2) Director's fees credited to the reporting person's account in accordance with the Vulcan Materials Company Directors' Deferred Compensation Plan.
- (3) The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KOROLOGOS ANN MCLAUGHLIN	X			
1200 URBAN CENTER DRIVE				

BIRMINGHAM, AL 35242				
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**Signatures**

**By: Amy M. Tucker, Attorney-in-Fact**

**10/13/2008**

\*\* 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 control number.