#### **VULCAN MATERIALS CO**

Form 4

August 31, 2006

### FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

See Instruction

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

burden hours per response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JAMES DONALD M			2. Issuer Name <b>and</b> Ticker or Trading Symbol VULCAN MATERIALS CO [VMC]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
1200 URBAN CENTER DRIVE		ORIVE	(Month/Day/Year) 08/29/2006	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman & CEO			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
BIRMINGHA	M, AL 3524	42	Filed(Month/Day/Year)	Applicable Line) _X_ 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 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) (Instr. 3, 4 and 5) Form: Direct Code Beneficially Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 08/29/2006 M 1,400 A 223,533 D Stock 21.31 Common 223,333 08/29/2006 S 200 D D Stock Common S \$77.5 222,133 D 08/29/2006 1,200 D Stock Common 13,600 235,733 08/30/2006 M D Stock Common 08/30/2006 S 1,300 D 234,433 D Stock

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Common Stock	08/30/2006	S	2,200	D	\$ 77.7	232,233	D
Common Stock	08/30/2006	S	300	D	\$ 77.69	231,933	D
Common Stock	08/30/2006	S	100	D	\$ 77.68	231,833	D
Common Stock	08/30/2006	S	100	D	\$ 77.65	231,733	D
Common Stock	08/30/2006	S	400	D	\$ 77.64	231,333	D
Common Stock	08/30/2006	S	1,100	D	\$ 77.62	230,233	D
Common Stock	08/30/2006	S	100	D	\$ 77.61	230,133	D
Common Stock	08/30/2006	S	300	D	\$ 77.6	229,833	D
Common Stock	08/30/2006	S	700	D	\$ 77.59	229,133	D
Common Stock	08/30/2006	S	200	D	\$ 77.58	228,933	D
Common Stock	08/30/2006	S	700	D	\$ 77.57	228,233	D
Common Stock	08/30/2006	S	300	D	\$ 77.56	227,933	D
Common Stock	08/30/2006	S	700	D	\$ 77.55	227,233	D
Common Stock	08/30/2006	S	200	D	\$ 77.54	227,033	D
Common Stock	08/30/2006	S	700	D	\$ 77.53	226,333	D
Common Stock	08/30/2006	S	1,600	D	\$ 77.52	224,733	D
Common Stock	08/30/2006	S	400	D	\$ 77.51	224,333	D
Common Stock	08/30/2006	S	2,200	D	\$ 77.5	222,133	D
Common Stock	08/30/2006	M	15,000	A	\$ 21.31	237,133	D
Common Stock	08/30/2006	F	4,131 (1)	D	\$ 77.38	233,002	D
	08/30/2006	F		D		228,497	D

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 Common
 4,505
 \$

 Stock
 (2)
 77.38

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.

SEC 1474

(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)	Secu Acqu or D (D)	rities nired (A) isposed of r. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Options (Right to Buy)	\$ 21.31	08/29/2006		M		1,400	02/14/1998(3)	02/14/2007	Common Stock	1,400
Stock Options (Right to Buy)	\$ 21.31	08/30/2006		M		13,600	02/14/1998(3)	02/14/2007	Common Stock	13,600
Stock Options (Right to Buy)	\$ 21.31	08/30/2006		M		15,000	02/14/1998(3)	02/14/2007	Common Stock	15,000

### **Reporting Owners**

Reporting Owner Name / Address	Relationships							
<b>F</b> • <b>g</b> • ·· ··	Director	10% Owner	Officer	Other				
JAMES DONALD M								
1200 URBAN CENTER DRIVE	X		Chairman & CEO					
BIRMINGHAM, AL 35242								

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### **Signatures**

By: Amy M. Tucker, Attorney-in-Fact 08/31/2006

\*\*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) Mature VMC shares deemed tendered for option exercise price.
- (2) Shares withheld by Company for tax withholding.
- (3) The option vests over five years in 20% increments each year on the anniversary of the grant date.

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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