#### **VULCAN MATERIALS CO**

Form 4

September 15, 2006

## FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

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 0.5 response...

See Instruction

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) (Middl		(Middle)	3. Date of Earliest Transaction	(Check all applicable)	
1200 URBAN CENTER DRIVE		DRIVE	(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	1-2	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	

(City)	(State)	(Zip) Tabl	le I - Non-I	<b>Derivative</b>	Securi	ities Acqu	iired, Disposed of	f, or Beneficial	ly 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. Securit on(A) or Di (Instr. 3,	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common			Code V	Amount	(D)	Price \$	(Instr. 3 and 4)		
Stock	08/29/2006		G	648	D	77.38	221,485	D	
Common Stock	09/13/2006		M	30,000	A	\$ 21.31	251,485	D	
Common Stock	09/13/2006		M	2,400	A	\$ 21.31	253,885	D	
Common Stock	09/13/2006		S	200	D	\$ 78.44	253,685	D	
Common Stock	09/13/2006		S	300	D	\$ 78.41	253,385	D	

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Common Stock	09/13/2006	S	500	D	\$ 78.4	252,885	D
Common Stock	09/13/2006	S	300	D	\$ 78.38	252,585	D
Common Stock	09/13/2006	S	1,000	D	\$ 78.37	251,585	D
Common Stock	09/13/2006	S	300	D	\$ 78.36	251,285	D
Common Stock	09/13/2006	S	400	D	\$ 78.35	250,885	D
Common Stock	09/13/2006	S	300	D	\$ 78.34	250,585	D
Common Stock	09/13/2006	S	600	D	\$ 78.33	249,985	D
Common Stock	09/13/2006	S	300	D	\$ 78.3	249,685	D
Common Stock	09/13/2006	S	500	D	\$ 78.29	249,185	D
Common Stock	09/13/2006	S	600	D	\$ 78.28	248,585	D
Common Stock	09/13/2006	S	900	D	\$ 78.27	247,685	D
Common Stock	09/13/2006	S	1,000	D	\$ 78.26	246,685	D
Common Stock	09/13/2006	S	1,000	D	\$ 78.25	245,685	D

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

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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. Transactic Code (Instr. 8)	Securiti	ive es ed (A) osed of	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount Underlying Securitie (Instr. 3 and 4)
				Code V		(D)	Date Exercisable	Title

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						Expiration Date		Amount or Number of Share
Stock Options (Right to Buy)	\$ 21.31	09/13/2006	M	30,000	02/14/1998(1)	02/14/2007	Common Stock	30,000
Stock Options (Right to Buy)	\$ 21.31	09/13/2006	M	2,400	02/14/1998(1)	02/14/2007	Common Stock	2,400

## **Reporting Owners**

Reporting Owner Name / Address		Relationships					
Reporting Owner France / Francess	Director	10% Owner	Officer	Other			
JAMES DONALD M 1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242	X		Chairman & CEO				

# **Signatures**

By: Amy M. Tucker, Attorney-in-Fact 09/15/2006

\*\*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) 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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