W R GRACE & CO

Form 4 June 13, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number: 3235-0287

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 Filed pobligations 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WAGONER PAMELA K			2. Issuer Name and Ticker or Trading Symbol W R GRACE & CO [GRA]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
C/O W. R. GRACE & CO., 7500 GRACE DRIVE			06/11/2014	_X_ Officer (give titleOther (specify below)		
				VP & CHRO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
COLUMBIA, MD 21044				_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 Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (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)
Common Stock, par value \$0.01 per share (1)	06/11/2014		M	15,000	()		15,000	D	
Common Stock, par value \$0.01 per share (1)	06/11/2014		S	15,000	D	\$ 90.8516 (2)	0	D	
Common Stock, par	06/12/2014		M	20,000	A	\$ 27.745	20,000	D	

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value \$0.01 per share $\frac{(1)}{}$

Common Stock, par

value 06/12/2014 S 20,000 D \$ 92.6 0 D

 $0.01 \text{ per share } \frac{(1)}{(1)}$

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)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (rights to buy)	\$ 27.745	06/11/2014		M	15,000	05/05/2013	05/05/2015	Common Stock (1)	15,000
Employee Stock Options (rights to	\$ 27.745	06/12/2014		M	20,000	05/05/2013	05/05/2015	Common Stock (1)	20,000

Reporting Owners

buy)

Reporting Owner Name / Address	Relationships							
•	Director	10% Owner	Officer	Other				
WAGONER PAMELA K			VP & CHRO					
C/O W. R. GRACE & CO.								
7500 GRACE DRIVE								

Reporting Owners 2

COLUMBIA, MD 21044

Signatures

Sean E. Dempsey, Attorney-in-Fact 06/13/2014

**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) Each share of Common Stock also represents one Preferred Stock Purchase Right. Each such Right entitles the holder to purchase Preferred Stock or other securities or property upon the occurrence of certain events and subject to certain conditions.

The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$90.80 to \$90.91, inclusive. The reporting person undertakes to provide W. R. Grace & Co, any security holder of W. R. Grace & Co., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

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.

Signatures 3