

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person * <u>McGrath Marlene Mary</u>  (Last) (First) (Middle) 3M CENTER  (Street) ST. PAUL MN 55144-1000  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>3M CO [ MMM ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) X Senior VP - Human Resources
	3. Date of Earliest Transaction (Month/Day/Year) 05/18/2017	

**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. Transaction 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			
Common Stock	05/18/2017		M		3,573	A	\$89.47	24,480	D	
Common Stock	05/18/2017		S		56	D	\$194.9301	24,424	D	
Common Stock	05/18/2017		S		1,300	D	\$194.931	23,124	D	
Common Stock	05/18/2017		S		100	D	\$194.94	23,024	D	
Common Stock	05/18/2017		S		700	D	\$194.942	22,324	D	
Common Stock	05/18/2017		S		1,417	D	\$194.9556	20,905	D	
Common Stock	05/18/2017		M		5,360	A	\$87.89	26,267	D	
Common Stock	05/18/2017		S		589	D	\$194.79	25,678	D	
Common Stock	05/18/2017		S		200	D	\$194.8	25,478	D	
Common Stock	05/18/2017		S		971	D	\$194.8155	24,507	D	
Common Stock	05/18/2017		S		300	D	\$194.82	24,207	D	
Common Stock	05/18/2017		S		200	D	\$194.83	24,007	D	
Common Stock	05/18/2017		S		1,100	D	\$194.84	22,907	D	
Common Stock	05/18/2017		S		600	D	\$194.8401	22,307	D	
Common Stock	05/18/2017		S		200	D	\$194.841	22,107	D	
Common Stock	05/18/2017		S		300	D	\$194.845	21,807	D	
Common Stock	05/18/2017		S		400	D	\$194.853	21,407	D	
Common Stock	05/18/2017		S		500	D	\$194.865	20,907 <sup>(1)</sup>	D	

**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 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 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: 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				
Non-qualified Stock Option (Right to Buy) <sup>(2)</sup>	\$89.47	05/18/2017		M			3,573	02/08/2012	02/08/2021	Common Stock	3,573	\$0	0	D	
Non-qualified Stock Option (Right to Buy) <sup>(3)</sup>	\$87.89	05/18/2017		M			5,360	02/07/2013	02/07/2022	Common Stock	5,360	\$0	0	D	

**Explanation of Responses:**

- Due to an error caused by a third-party vendor, the reporting person in refiling a report filed earlier today, solely to correct the total holding reported in column 5 of Table 1.
- This option becomes exercisable in equal installments on each of the first three anniversaries of the grant date (2/8/2011).
- This option becomes exercisable in equal installments on each of the first three anniversaries of the grant date (2/5/2013).

/s/ Sheila B. Clagherty, attorney-  
in-fact for Marlene M. McGrath 05/19/2017

\*\* 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 Number.**