

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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

1. Name and Address of Reporting Person * <u>Lacey Roger HD</u> (Last) (First) (Middle) <u>3M CENTER</u> (Street) <u>ST. PAUL MN 55144-1000</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/01/2010</u>	3. Issuer Name and Ticker or Trading Symbol <u>3M CO [MMM]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ Officer (give title below) <input checked="" type="checkbox"/> _____ Other (specify below) <u>Senior Vice President</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	22,222	D	
Common Stock	290	I	By 401k/paesop Trust

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Restricted Stock Units	(1)	(1)	Common Stock	3,279,346	0 ⁽²⁾	D	
Incentive Stock Option (Right to Buy)	05/09/2001	05/07/2010	Common Stock	1,780	43.35	D	
Incentive Stock Option (Right to Buy)	05/08/2002	05/06/2011	Common Stock	1,704	58.625	D	
Non-qualified Stock Option (Right to Buy)	10/19/2004	05/06/2011	Common Stock	1,593	83.95	D	
Non-qualified Stock Option (Right to Buy)	05/12/2005	05/09/2014	Common Stock	23,339	84.4	D	
Non-qualified Stock Option (Right to Buy)	08/09/2005	05/13/2013	Common Stock	4,930	86.5	D	
Non-qualified Stock Option (Right to Buy)	08/10/2005	08/08/2014	Common Stock	3,334	80.05	D	
Non-qualified Stock Option (Right to Buy)	09/08/2005	05/06/2011	Common Stock	14,329	86.5	D	
Non-qualified Stock Option (Right to Buy)	05/10/2006	05/08/2015	Common Stock	17,043	76.8	D	
Non-qualified Stock Option (Right to Buy)	10/11/2006	05/13/2013	Common Stock	14,113	80.65	D	
Non-qualified Stock Option (Right to Buy)	05/09/2007	05/09/2016	Common Stock	17,693	87.35	D	
Non-qualified Stock Option (Right to Buy)	01/26/2008	05/07/2010	Common Stock	5,225	90.35	D	
Non-qualified Stock Option (Right to Buy)	01/26/2008	05/14/2012	Common Stock	19,476	90.35	D	
Non-qualified Stock Option (Right to Buy)	01/26/2008	05/13/2013	Common Stock	203	90.35	D	
Non-qualified Stock Option (Right to Buy)	01/26/2008	05/09/2014	Common Stock	6,154	90.35	D	
Non-qualified Stock Option (Right to Buy)	05/08/2008 ⁽³⁾	05/08/2017	Common Stock	12,068	84.78	D	
Non-qualified Stock Option (Right to Buy)	05/13/2009 ⁽⁴⁾	05/13/2018	Common Stock	13,164	77.18	D	
Non-qualified Stock Option (Right to Buy)	02/09/2010 ⁽⁵⁾	02/08/2019	Common Stock	16,192	54.11	D	

Explanation of Responses:

- The restricted stock units will vest 100% three years from the grant date (2/9/2009).
- Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- This option vests in three equal annual installments beginning one year from the grant date (5/8/2007).
- This option vests in three equal annual installments beginning one year from the grant date (5/13/2008).
- This option vests in three equal annual installments beginning one year from the grant date (2/9/2009).

George Ann Biros, attorney-in-fact 01/06/2010
for Roger H.D. Lacey

** 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 5 (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.