

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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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

1. Name and Address of Reporting Person* <u>KLING LEWIS M</u> (Last) (First) (Middle) <u>5215 N. O'CONNOR BLVD.</u> <u>SUITE 2300</u> (Street) <u>IRVING TX 75039</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>FLOWERVE CORP [FLS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President and CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/16/2006</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 (1.25 par value per share)								41	I	401(k)
Commo Stock (\$1.25 par value per share)	02/16/2006		F		1,147	D	\$48.99	164,487	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					
Stock Option (right-to-buy)	\$23.27								(1)	07/09/2014	Common Stock	75,000	75,000	D	
Stock Option (right-to-buy)	\$24.9								(2)	02/16/2015	Common Stock	21,000	21,000	D	
Stock Option (right-to-buy)	\$30.95								(3)	07/13/2015	Common Stock	11,000	11,000	D	
Stock Option (right-to-buy)	\$33.86								(4)	07/28/2015	Common Stock	69,748	69,748	D	
Stock Option (right-to-buy)	\$48.17								(5)	02/15/2016	Common Stock	90,000	90,000	D	

Explanation of Responses:

- The option shares vest and become exercisable in three (3) equal annual installments beginning on July 9, 2005, and then on July 9, 2006 and July 9, 2007, respectively.
- The option shares vest and become exercisable in three (3) equal installments commencing on February 16, 2006, and then on February 16, 2007 and February 16, 2008, respectively.
- The option shares vest and become exercisable in three (3) equal installments commencing on July 14, 2006, and then on July 14, 2007 and July 14, 2008, respectively.
- The option shares vest and become exercisable in three (3) equal installments commencing on July 28, 2006, and then on July 28, 2007 and July 28, 2008, respectively.

5. The option shares vest and become exercisable in three (3) equal installments commencing on February 16, 2007, and then on February 16, 2008 and February 16, 2009, respectively.

/s/ Tara D. Mackey, by power
of attorney

02/21/2006

** 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.

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