Strauss Mark F. Form 4 February 23, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

Form 5 obligations 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

(Print or Type Responses)

1(b).

(Last)

(Instr. 3)

1. Name and Address of Reporting Person * Strauss Mark F.

(First) (Middle)

1025 LAUREL OAK ROAD

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

American Water Works Company,

Inc. [AWK] 3. Date of Earliest Transaction

(Month/Day/Year) 02/19/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below)

President, AWE

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

VOORHEES, NJ 08043

(City) 1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

TransactionAcquired (A) or Code (Instr. 8)

3.

Disposed of (D) (Instr. 3, 4 and 5)

4. Securities

5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

(9-02)

(A) Transaction(s) or (Instr. 3 and 4) (D) Price

Common 02/19/2010 02/19/2010 Stock

Code V Amount 1,580 A (1)

A \$0 D

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

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

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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)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerci Expiration Da (Month/Day/Y	te	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 21.5	02/19/2010	02/19/2010	A	12,016 (2)	01/01/2011	12/31/2014	Common Stock	12,016

Reporting Owners

Reporting Owner Name / Address	Relationships						
.t	Director	10% Owner	Officer	Other			
Strauss Mark F.							
1025 LAUREL OAK ROAD			President, AWE				
VOORHEES, NJ 08043							

Signatures

/s/ Karen K. Pettiford-Wilson by Power of Attorney previously filed 02/23/2010

**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).

Represents the earned portion of performance-based restricted stock units awarded in connection with the Issuer's initial public offering. The number of restricted stock units earned was determined based upon a comparison of (a) the sum of American Water's actual audited net income for 2008 (as adjusted) and American Water's actual audited net income for 2009 (as adjusted) to (b) the sum of American Water's target net income for 2008 (as adjusted) and American Water's target net income for 2009 (as adjusted) at the time of the initial public offering. The number of restricted stock units earned equaled 43.13% of the units initially granted (which would have been fully earned if maximum performance metrics were achieved) and was based on the amount referenced in (a) above equaling 93.46% of the amount referenced in (b) above. The earned restricted stock units will vest on January 1, 2011.

Represents the earned portion of performance-based nonqualified stock options awarded in connection with the Issuer's initial public offering. The number of shares underlying the earned portion of the nonqualified stock options equaled 43.13% of the shares underlying the nonqualified stock options initially granted and was determined based upon the formula described in footnote 1 above.

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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