

EISENBREY JOHN R JR  
Form 4  
May 14, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
EISENBREY JOHN R JR

2. Issuer Name and Ticker or Trading Symbol  
ARTESIAN RESOURCES CORP  
[ARTNA]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
626 VANCE NECK ROAD  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/12/2010

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

MIDDLETOWN, DE 19709  
  
(City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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**

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			
Class A Non-Voting Common Stock	05/12/2010		X	3,889 A \$ 9.275	49,640	D	
Class A Non-Voting Common Stock	05/12/2010		S	3,889 D \$ 18.1065	45,751	D	
Class A Non-Voting Common Stock	05/12/2010		X	6,750 A \$ 9.76	52,501	D	

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Class A  
 Non-Voting Common Stock 05/12/2010 S 6,750 D \$ 18.1065 45,751 D

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

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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 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 Security (Instr. 3 and 4)
Non-Qualified Stock Option (right to buy)	\$ 9.275	05/12/2010		X	3,889	11/30/2000 05/31/2010	Class A Non-Voting Common Stock
Non-Qualified Stock Option (right to buy)	\$ 9.76	05/12/2010		X	6,750	11/30/2001 05/30/2011	Class A Non-Voting Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
EISENBREY JOHN R JR 626 VANCE NECK ROAD MIDDLETOWN, DE 19709	X			

## Signatures

John R.  
 Eisenbrey, Jr. 05/14/2010  
 Date

Signature of  
Reporting Person

## 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).

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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