

Taylor Nicholle Renee
 Form 5
 January 11, 2011

FORM 5

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
 Taylor Nicholle Renee

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)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 12/31/2010

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

664 CHURCHMANS ROAD

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

NEWARK, DE 19702

(City) (State) (Zip)

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Class A Non-voting Common Stock	01/05/2010	Â	G	1 A \$ 18.17	5	I	Custodian
Class A Non-voting Common Stock	02/19/2010	Â	J ⁽¹⁾	1 A \$ 17.834	186	I	By Spouse

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Class A Non-voting Common Stock	05/21/2010	Â	J ⁽¹⁾	2	A	\$ 18.282	188	I	By Spouse
Class A Non-voting Common Stock	08/06/2010	Â	G	1	A	\$ 18.23	6	I	Custodian
Class A Non-voting Common Stock	08/20/2010	Â	J ⁽¹⁾	2	A	\$ 17.75	190	I	By Spouse
Class A Non-voting Common Stock	11/19/2010	Â	J ⁽¹⁾	2	A	\$ 18.722	192	I	By Spouse
Class A Non-voting Common Stock	12/06/2010	Â	G	1	A	\$ 18.91	7	I	Custodian

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)

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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. of D
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

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Taylor Nicholle Renee
664 CHURCHMANS ROAD X X X Director / Vice President X
NEWARK, DE 19702

Signatures

Nicholle R.
Taylor

01/11/2011

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).

(1) acquisition through dividend reinvestment plan

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