

ARTESIAN RESOURCES CORP  
 Form 5  
 January 28, 2010

**FORM 5**

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

OMB APPROVAL

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 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 \*  
 DiNunzio Joseph A

(Last) (First) (Middle)

664 CHURCHMANS ROAD

(Street)

NEWARK, DE 19702

(City) (State) (Zip)

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

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2009

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Exec VP / Corp Secretary

6. Individual or Joint/Group Reporting

(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 (A) or Price (D)	6. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	7. Nature of Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	8. Nature of Ownership (Instr. 4)
Class A Non-Voting Common Stock	02/20/2009	Â	J <sup>(1)</sup>	5 A	\$ 15.162	14,823	D	Â
Class A Non-Voting Common Stock	05/22/2009	Â	J <sup>(1)</sup>	5 A	\$ 15.578	14,828	D	Â

Class A Non-Voting Common Stock	08/21/2009	Â	J <sup>(1)</sup>	5	A	\$ 16.408	14,833	D	Â
Class A Non-Voting Common Stock	11/20/2009	Â	J <sup>(1)</sup>	5	A	\$ 16.666	14,838	D	Â
Class A Non-Voting Common Stock	08/21/2009	Â	J <sup>(1)</sup>	1	A	\$ 16.408	33	I	custodian for sons
Class A Non-Voting Common Stock	11/20/2009	Â	J <sup>(1)</sup>	1	A	\$ 16.666	34	I	custodian for sons
Class A Non-Voting Common Stock	12/31/2009	Â	J <sup>(2)</sup>	17	D	\$ <sup>(3)</sup>	17	I	custodian for sons

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

