

SPIRE CORP
Form 4
August 21, 2009

FORM 4

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).

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 *
LIPINSKI DAVID R

(Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol
SPIRE CORP [SPIR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

C/O SPIRE CORPORATION, ONE PATRIOTS PARK

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
08/20/2009

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

BEDFORD, MA 01730-2396

(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 Ownership (Instr. 4)
Common Stock, \$0.01 par value				(A) or (D) Price	1,200	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)

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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. 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 Underlying Security (Instr. 3 and 4)	Amount or Number of Shares							
Non-Qualified Stock Option (right to buy)	\$ 4.72	08/20/2009		A	2,000	<table border="1"> <thead> <tr> <th>Date Exercisable</th> <th>Expiration Date</th> <th>Title</th> <th>Amount or Number of Shares</th> </tr> </thead> <tbody> <tr> <td>08/20/2009</td> <td>08/20/2019</td> <td>Common Stock</td> <td>2,000</td> </tr> </tbody> </table>	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	08/20/2009	08/20/2019	Common Stock	2,000	2,000
Date Exercisable	Expiration Date	Title	Amount or Number of Shares												
08/20/2009	08/20/2019	Common Stock	2,000												

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LIPINSKI DAVID R C/O SPIRE CORPORATION ONE PATRIOTS PARK BEDFORD, MA 01730-2396	X			

Signatures

David R. Lipinski	08/21/2009
**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).

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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