SPIRE Corp Form 8-K September 05, 2013

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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 3, 2013

SPIRE CORPORATION

(Exact Name of Registrant as Specified in Charter)

Massachusetts (State or Other Jurisdiction of Incorporation)	0-12742 (Commission File Number)	04-2457335 (IRS Employer Identification No.)
One Patriots Park Radford Massachusetts		01730 2306

One Patriots Park, Bedford, Massachusetts (Address of Principal Executive Offices)

01730-2396 (Zip Code)

Registrant's telephone number, including area code: (781) 275-6000

Not Applicable (Former name or address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01 Entry into a Material Definitive Agreement.

On September 3, 2013, Spire Corporation (the "Company") and Silicon Valley Bank (the "Bank") entered into (i) the Sixth Loan Modification Agreement amending certain terms of the Second Amended and Restated Loan and Security Agreement dated as of November 16, 2009 (as amended, the "Revolving Credit Facility") and (ii) the Sixth Loan Modification Agreement amending certain terms of the Amended and Restated Export-Import Bank Loan and Security Agreement dated as of November 16, 2009 (as amended, the "Ex-Im Facility"). Pursuant to the terms of the Sixth Loan Modification Agreements, the Company and the Bank agreed to extend the maturity date of the Revolving Credit Facility and the Ex-Im Facility to October 29, 2013.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SPIRE CORPORATION

Date: September 5, 2013

By: /s/ Robert S. Lieberman Robert S. Lieberman Chief Financial Officer and Treasurer