

LIGHTBRIDGE Corp  
Form 8-K  
February 23, 2011

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**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): February 23, 2011

**LIGHTBRIDGE CORPORATION**

*(Exact name of registrant as specified in its charter)*

**Nevada**  
*(State or other jurisdiction  
of incorporation)*

**001-34487**  
*(Commission  
File Number)*

**91-1975651**  
*(I.R.S. Employer  
Identification No.)*

**1600 Tysons Boulevard, Suite 550, McLean, VA 22102**  
*(Address of Principal Executive Offices)*

**571.730.1200**  
*(Registrant's Telephone Number, Including Area Code)*

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*(Former name or former 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):

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

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

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

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

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**Item 7.01. Regulation FD Disclosure.**

On February 23, 2011, Lightbridge Corporation (the Company ) made a slide presentation to group of investors at the Jefferies 11th Global Clean Technology Conference. A copy of the Company s presentation is furnished herewith as Exhibit 99.1.

The information contained in this current report on form 8-K and the exhibit attached hereto shall not be deemed to be filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act ), or otherwise subject to the liabilities of that section, nor shall such information or such exhibit be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing. The information set forth in or exhibit to this form 8-K shall not be deemed an admission as to the materiality of any information in this report on form 8-K that is required to be disclosed solely to satisfy the requirements of Regulation FD.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

**Exhibit No. Description**

99.1 Slide Presentation of Lightbridge Corporation

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**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.

**LIGHTBRIDGE CORPORATION**

Date: February 23, 2011

By: /s/ Seth Grae  
Seth Grae  
President and Chief Executive Officer

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**EXHIBIT INDEX**

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