

MICROFLUIDICS INTERNATIONAL CORP  
Form 8-K  
January 22, 2010

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

**FORM 8-K**

**CURRENT REPORT**

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

**January 22, 2010**

Date of Report (date of earliest event reported)

**MICROFLUIDICS INTERNATIONAL CORPORATION**

(Exact name of registrant as specified in its charter)

Commission file number **0-11625**

**DELAWARE**  
(State or Other  
Jurisdiction of  
Incorporation or  
Organization)

**30 Ossippe Road,**  
**Newton, MA**  
(Address of Principal  
Executive Offices)

**04-2793022**  
(I.R.S.  
Employer  
Identification  
No.)

**02464**  
(Zip Code)

**(617) 969-5452**

(Registrant's Telephone No., including Area Code)

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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**Section 7 Regulation FD**

**Item 7.01. Regulation FD Disclosure.**

Microfluidics International Corporation (the **Company** ) is furnishing the text of presentation materials, included as Exhibit 99.1 to this report, pursuant to the Securities and Exchange Commission's Regulation FD. The presentation materials, possibly with variations, were prepared to be used at meetings with various members of the financial and investment community from time to time.

This information is furnished pursuant to Item 7.01 of Form 8-K and shall not be deemed to be filed for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to liability under that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing. By filing this report on Form 8-K and furnishing this information, the Company makes no admission as to the materiality of any information in this report that is required to be disclosed solely by reason of Regulation FD.

The information contained in the presentation materials is summary information that is intended to be considered in the context of the Company's SEC filings and other public announcements that the Company may make, by press release or otherwise, from time to time. The Company undertakes no duty or obligation to publicly update or revise the information contained in this report, although it may do so from time to time as management believes is warranted. Any such updating may be made through the filing of other reports or documents with the SEC, through press releases or through other public disclosure.

**Section 9 Financial Statements and Exhibits**

**Item 9.01 Financial Statements and Exhibits.**

**(d) Exhibits**

99.1 Text of Presentation Materials.

**SIGNATURES**

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, thereunto duly authorized.

**MICROFLUIDICS INTERNATIONAL CORPORATION**  
(Registrant)

January 22, 2010

By: */s/ Peter Byczko*  
Peter Byczko  
Vice President of Finance and Chief Accounting Officer

**EXHIBIT INDEX**

| <b>EXHIBIT<br/>NUMBER</b> | <b>DESCRIPTION</b>              |
|---------------------------|---------------------------------|
| 99.1                      | Text of Presentation Materials. |