

MICROFLUIDICS INTERNATIONAL CORP  
Form 8-K  
May 11, 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**

**May 11, 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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**Item 2.02 Results of Operations and Financial Condition.**

On May 11, 2010, Microfluidics International Corporation issued a press release entitled Microfluidics International Corporation Announces First Quarter 2010 Financial Results. A copy of the press release is attached as Exhibit 99.1 to this report and is incorporated by reference into this Item 2.02.

NON-GAAP FINANCIAL MEASURES: The attached press release addresses our financial results for the first quarter ended March 31, 2010, and contains disclosure of our non-GAAP EBITDA (Earnings Before Interest, Taxes, Depreciation and Amortization), and non-GAAP Adjusted EBITDA, which are not measures of financial performance calculated in accordance with generally accepted accounting principles (GAAP) in the United States. The press release contains disclosure regarding why we believe the presentation of these non-GAAP measures provides useful information to investors in analyzing our underlying business and operating performance. It also contains a tabular reconciliation of GAAP to non-GAAP financial information that is discussed in the release.

The information being provided in this report, including Exhibit 99.1, shall not be deemed to be filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) The following exhibit is hereby filed as part of this Current Report on Form 8-K:

<b>Number</b>	<b>Exhibit</b>
99.1	Press Release titled Microfluidics International Corporation Announces First Quarter 2010 Financial Results

**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)

May 11, 2010

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

**EXHIBIT INDEX**

**EXHIBIT  
NUMBER**

**DESCRIPTION**

99.1	Press Release titled Microfluidics International Corporation Announces First Quarter 2010 Financial Results
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