#### **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

Date of report (Date of earliest event reported) May 5, 2009

#### **Datawatch Corporation**

(Exact Name of Registrant as Specified in Its Charter)

#### Delaware

(State or Other Jurisdiction of Incorporation)

000-19960 02-0405716

(Commission File Number) (IRS Employer Identification No.)

Quorum Office Park

271 Mill Road

Chelmsford, Massachusetts 01824 (Address of Principal Executive Offices) (Zip Code)

(978) 441-2200

(Registrant's Telephone Number, 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):

- 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 2.02 Results of Operations and Financial Condition

On May 5, 2009, Datawatch Corporation issued a press release regarding its financial results for the second fiscal quarter ended March 31, 2009. A copy of the press release is furnished as Exhibit 99.1 to this report.

The information in this Item 2.02, including in Exhibit 99.1 attached hereto, is intended to be furnished and shall not be deemed "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 or the Exchange Act, except as expressly set forth by specific reference in such filing.

#### Item 9.01 Financial Statements and Exhibits

#### (d) Exhibits

The following Exhibits are filed as part of this report:

Exhibit No. Description

99.1 Press Release dated May 5, 2009

## **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 hereunto duly authorized.

## DATAWATCH CORPORATION

Date: May 5, 2009 By: /s/ Murray P. Fish

Name: Murray P. Fish

Title: Chief Financial Officer