



DIVISION OF  
CORPORATION FINANCE

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

August 3, 2015

James L. Eliason  
Principal Financial Officer and Principal Accounting Officer  
Datawatch Corporation  
271 Mill Road  
Quorum Office Park  
Chelmsford, Massachusetts 01824

**Re: Datawatch Corporation**  
**Form 10-K for the fiscal year ended September 30, 2014**  
**File No. 000-19960**

Dear Mr. Eliason:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Craig D. Wilson

Craig D. Wilson  
Senior Assistant Chief Accountant