

August 28, 2007

Mail Stop 4561

Mr. MacAllister Smith
Chief Executive Officer
Pipeline Data, Inc.
1515 Hancock Street
Suite 301, Hancock Plaza
Quincy, Massachusetts 02169

Re: Item 4.02 Form 8-K
Filed August 27, 2007
File No. 000-50611

Dear Mr. Smith:

We have reviewed your Item 4.02 Form 8-K for compliance with the form requirements and have the following comment.

1. Please tell us whether your officers have reconsidered the effectiveness of your disclosure controls and procedures as of December 31, 2006 in light of the restatement. In addition, please confirm to us that you plan to address this reconsideration and the related conclusions in the filings that contain your restated financial statements.

You should respond to this comment on or before September 5, 2007.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings reviewed by the staff to be certain that they have provided all information investors require for an informed decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

Pipeline Data, Inc.

August 28, 2007

Page 2

In connection with responding to our comments, please provide, in writing, a statement from the company acknowledging that

- the company is responsible for the adequacy and accuracy of the disclosure in the filings;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filings; 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.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filings or in response to our comments on your filings.

If you have any questions, please call me at (202) 551-3782.

Sincerely,

Jessica Barberich
Staff Accountant