



DIVISION OF  
CORPORATION FINANCE

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

Mail Stop 3561

December 31, 2015

Via E-mail

Mr. John Smith  
Chief Executive Officer  
Silver Standard Resources Inc.  
Suite 800-1055 Dunsmuir Street  
Vancouver, B.C., V7X 1G4  
Canada

**Re: Silver Standard Resources Inc.  
Form 40-F for the Fiscal Year Ended December 31, 2014  
Filed March 25, 2015  
File No. 001-35455**

Dear Mr. Smith:

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/ John Reynolds

John Reynolds  
Assistant Director  
Offices of Beverages, Apparel and  
Mining