

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549-4628

March 31, 2010

Via U.S. Mail and Fax (403) 262-4472

Mr. John Samuels Chief Financial Officer Triangle Petroleum Corp. 521 – 3 Avenue SW Suite 1250 Calgary, Alberta, Canada T2P 3T3

RE: Triangle Petroleum Corp.

Form 10-K for the fiscal year ended January 31, 2009

Filed April 9, 2009 File No. 000-51321

Dear Mr. Samuels:

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

Sincerely,

Karl Hiller Branch Chief