



DIVISION OF
CORPORATION FINANCE

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

August 2, 2011

Via E-mail

Ms. Kimberly A. Weimer
Vice President and Chief Financial Officer
Enduro Resource Partners LLC
777 Main Street, Suite 800
Fort Worth, Texas 76102

**Re: Enduro Resource Partners LLC
Enduro Royalty Trust
Amendment No. 4 to Registration Statement on Form S-1
Filed August 1, 2011
File No. 333-174225**

Dear Ms. Weimer:

We have reviewed your amendment and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Amendment No. 4 to Registration Statement on Form S-1

General

1. We note the new Form of Agreement and Plan of Merger between Enduro Texas LLC and Enduro Royalty Trust, filed as Exhibit 2.1, and the amended Form of Conveyance of Net Profits Interest, filed as Exhibit 10.1. Please revise your filing to clarify how the net profits interest will be conveyed to the Trust in connection with the changes reflected in the new exhibits. For example, we note that it is no longer contemplated that the net profits interest will be conveyed directly to the Trust. Please ensure that you make relevant changes throughout your filing.

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Closing Comments

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 Act of 1933 and all applicable Securities Act rules require. 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.

Notwithstanding our comments, in the event you request acceleration of the effective date of the pending registration statement please provide a written statement from the company acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please refer to Rules 460 and 461 regarding requests for acceleration. We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Caroline Kim, Staff Attorney, at (202) 551-3878 or, in her absence, Laura Nicholson, Staff Attorney, at (202) 551-3584 with any questions.

Sincerely,

/s/ A.N. Parker for

H. Roger Schwall
Assistant Director

cc: Sean T. Wheeler
Latham & Watkins LLP