

August 2, 2011

Mara L. Branson
Legal Branch Chief
United States Securities and Exchange Commission
100 F. Street, N.E.
Washington, D.C. 20549

Re: DCP Midstream Partners, LP
Registration Statement on Form S-3, as amended
Filed June 21, 2011
File No. 333-175047

Dear Ms. Branson:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder, DCP Midstream Partners, LP hereby requests that the above-captioned Registration Statement on Form S-3, as amended (the "Registration Statement"), be accelerated so that the Registration Statement will become effective on August 4, 2011 at 3:00 p.m., Eastern Standard Time or as soon thereafter as practicable. This request for acceleration of the Registration Statement replaces the request for acceleration previously filed with the Securities and Exchange Commission (the "Commission").

In addition, DCP Midstream Partners, LP formally acknowledges that:

- Should the Commission or the staff, acting pursuant to delegated authority, declare the Registration Statement effective, it does not foreclose the Commission from taking any action with respect to the Registration Statement.
- The action of the Commission or the staff, acting pursuant to delegated authority, in declaring the Registration Statement effective, does not relieve DCP Midstream Partners, LP from its full responsibility for the adequacy and accuracy of the disclosure in the Registration Statement.
- DCP Midstream Partners, LP 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.

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Please feel free to contact Mr. Michael S. Richards, Vice President and General Counsel who can be reached at (303) 633-2912, with any questions or comments you may have.

Very truly yours,

DCP Midstream Partners, LP

By: DCP Midstream GP, LP
Its: General Partner

By DCP Midstream GP, LLC
Its: General Partner

By: /s/Angela A. Minas
Angela A. Minas
Its: Chief Financial Officer

cc: Lisa Kohl, Commission Staff Attorney
Catherine Brown, Commission Staff Attorney
Michael S. Richards, DCP Midstream Partners, LP
Lucy Schlauch Stark, Holland & Hart LLP