

**ANTERO RESOURCES MIDSTREAM MANAGEMENT LLC**  
**1615 Wynkoop Street**  
**Denver, Colorado 80202**  
**(303) 357-7310**

May 1, 2017

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549-4628

**Re: Antero Resources Midstream Management LLC**  
**Registration Statement on Form S-1**  
**File No. 333-216975**

Ladies and Gentlemen:

Antero Resources Midstream Management LLC (the “*Company*”) hereby requests pursuant to Rule 461 of the rules and regulations promulgated under the Securities Act of 1933, as amended, the acceleration of the effective date of the above-captioned Registration Statement to 4:00 pm, Washington, D.C. time, on May 3, 2017, or as soon as practicable thereafter.

The Company hereby acknowledges that:

- should the Securities and Exchange Commission (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.

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Very truly yours,

**ANTERO RESOURCES**  
**MIDSTREAM MANAGEMENT LLC**

By: /s/ Glen C. Warren, Jr.  
Glen C. Warren, Jr.  
President and Secretary

cc: Alvyn A. Schopp, Antero Resources Midstream Management LLC  
Yvette K. Schultz, Antero Resources Midstream Management LLC  
William N. Finnegan IV, Latham & Watkins LLP  
Ryan J. Maierson, Latham & Watkins LLP  
David P. Oelman, Vinson & Elkins L.L.P.

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