UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 10, 2017

ANTERO MIDSTREAM PARTNERS LP

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-36719 (Commission File Number)

46-4109058 (IRS Employer Identification No.)

1615 Wynkoop Street Denver, Colorado 80202

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (303) 357-7310

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:		
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)	
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)	
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	

Introductory Note

As previously reported, on February 6, 2017, Antero Midstream Partners LP (the "Partnership") and Antero Resources Midstream Management LLC, its general partner, entered into an Underwriting Agreement with Barclays Capital Inc. and Wells Fargo Securities, LLC, relating to the upsized offer and sale (the "Offering") of up to 6,900,000 common units representing limited partner interests in the Partnership (the "Common Units"), including up to 900,000 Common Units to be issued pursuant to the exercise of the underwriters' option to purchase additional Common Units (the "Option"). On February 10, 2017, in connection with the closing of the Offering, we issued and sold 6,900,000 Common Units pursuant to the underwriting agreement, including 900,000 Common Units issued in connection with the exercise of the underwriters' Option in full.

This Current Report on Form 8-K is being filed for the purpose of filing Exhibit 5.1, which reflects the upsized number of Common Units issued in connection with the Offering and the exercise of the Option in full.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

EXHIBIT	DESCRIPTION	
5.1	Opinion of Latham & Watkins LLP as to the legality of the securities being registered	
23.1	Consent of Latham & Watkins LLP (contained in Exhibit 5.1)	
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Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ANTERO MIDSTREAM PARTNERS LP

By: Antero Resources Midstream Management LLC, its general partner

By: /s/ Glen C. Warren, Jr.

Glen C. Warren, Jr.

President

Dated: February 10, 2017

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EXHIBIT INDEX

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811 Main Street, Suite 3700 Houston, TX 77002 Tel: +1.713.546.5400 Fax: +1.713.546.5401 www.lw.com

LATHAM&WATKINS LLP

February 10, 2017

Antero Midstream Partners LP 1615 Wynkoop Street Denver, Colorado 80202 (303) 357-7310

Re: Antero Midstream Partners LP Registration Statement on

Form S-3

FIRM / AFFILIATE OFFICES

Barcelona Moscow Beijing Munich Boston New York Brussels Orange County Century City Paris Chicago Riyadh Dubai Rome Düsseldorf San Diego Frankfurt San Francisco Hamburg Seoul Shanghai Hong Kong Silicon Valley Houston London Singapore

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Ladies and Gentlemen:

We have acted as special counsel to Antero Midstream Partners LP, a Delaware limited partnership (the "*Partnership*"), in connection with its filing with the Securities and Exchange Commission (the "*Commission*") of a registration statement on Form S-3 (Registration No. 333-215912) (as amended, the "*Registration Statement*"), including a preliminary prospectus dated as of such date, under the Securities Act of 1933, as amended (the "*Act*"), and a prospectus dated February 6, 2017 filed with the Commission pursuant to Rule 424(b) under the Act (the "Prospectus") relating to the registration for issue and sale by the Partnership of up to 6,900,000 common units representing limited partner interests in the Partnership (the "*Common Units*"), which includes up to 900,000 Common Units that may be sold pursuant to the underwriters' option to purchase additional Common Units.

This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or the Prospectus, other than as expressly stated herein with respect to the issue of the Common Units.

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Partnership and others as to factual matters without having independently verified such factual matters. We are opining herein as to the Delaware Revised Uniform Limited Partnership Act (the "*Delaware Act*"), and we express no opinion with respect to the applicability thereto, or the effect thereon, of the laws of any other jurisdiction, or as to any matters of municipal law or the laws of any local agencies within any state.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, when the Common Units shall have been issued by the Partnership against payment therefor in the manner contemplated by the Prospectus, such Common Units will be validly issued, and under the Delaware Act, purchasers of the Common Units will have no obligation to make further payments for their purchase of Common Units or contributions to the Partnership solely by reason of their ownership of Common Units or their status as limited

partners of the Partnership, and no personal liability for the debts, obligations and liabilities of the Partnership, whether arising in contract, tort or otherwise, solely by reason of being limited partners of the Partnership.

Our opinions are subject to: (i) the effect of bankruptcy, insolvency, reorganization, fraudulent transfer, moratorium or other similar laws relating to or affecting the rights and remedies of creditors; (ii) the effect of general principles of equity, whether considered in a proceeding in equity or at law (including the possible unavailability of specific performance or injunctive relief), concepts of materiality, reasonableness, good faith and fair dealing, and the discretion of the court before which a proceeding is brought; (iii) the invalidity under certain circumstances under law or court decisions of provisions providing for the indemnification of or contribution to a party with respect to a liability where such indemnification or contribution is contrary to public policy; and (iv) we express no opinion as to (a) any provision for liquidated damages, default interest, late charges, monetary penalties, make-whole premiums or other economic remedies to the extent such provisions are deemed to constitute a penalty, (b) consents to, or restrictions upon, governing law, jurisdiction, venue, arbitration, remedies, or judicial relief, (c) waivers of rights or defenses, (d) any provision requiring the payment of attorneys' fees, where such payment is contrary to law or public policy, (e) the creation, validity, attachment, perfection, or priority of any lien or security interest, (f) advance waivers of claims, defenses, rights granted by law, or notice, opportunity for hearing, evidentiary requirements, statutes of limitation, trial by jury or at law, or other procedural rights, (g) waivers of broadly or vaguely stated rights, (h) provisions for exclusivity, election or cumulation of rights or remedies, (i) provisions authorizing or validating conclusive or discretionary

determinations, (j) grants of setoff rights, (k) proxies, powers and trusts, (l) provisions prohibiting, restricting, or requiring consent to assignment or transfer of any right or property, (m) any provision to the extent it requires that a claim with respect to a security denominated in other than U.S. dollars (or a judgment in respect of such a claim) be converted into U.S. dollars at a rate of exchange at a particular date, to the extent applicable law otherwise provides, and (n) the severability, if invalid, of provisions to the foregoing effect.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Partnership's current report on Form 8-K dated February 10, 2017 and to the reference to our firm in the Prospectus under the heading "Legal Matters." In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Latham & Watkins LLP