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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM S-8**  
**REGISTRATION STATEMENT**  
*UNDER*  
**THE SECURITIES ACT OF 1933**

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**NUSTAR ENERGY L.P.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**74-2956831**  
(I.R.S. Employer  
Identification No.)

**1903 IH 10 West**  
**San Antonio, Texas**  
(Address of Principal Executive Offices)

**78257**  
(Zip Code)

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**NUSTAR GP HOLDINGS, LLC LONG-TERM INCENTIVE PLAN**  
**AMENDED AND RESTATED AS OF APRIL 1, 2007**  
(Full title of plan)

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**Amy L. Perry**  
**Senior Vice President, General Counsel and Corporate Secretary**  
**NuStar Energy L.P.**  
**1903 IH-10 West**  
**San Antonio, Texas 78257**  
(Name and address of agent for service)

**(210) 918-2000**  
(Telephone number, including area code, of agent for service)

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**Copies to:**

**George J. Vlahakos**  
**Sidley Austin LLP**  
**1000 Louisiana St., Suite 6000**  
**Houston, Texas 77002**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company,” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer  Accelerated filer   
 Non-accelerated filer  Smaller reporting company   
 Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

#### CALCULATION OF REGISTRATION FEE

Title of securities to be registered	Amount to be registered(1)	Proposed maximum offering price per unit(2)	Proposed maximum Aggregate offering price(2)	Amount of registration fee
Common units representing limited partner interests	765,192	\$24.52	\$18,758,681.88	\$2,335.46

- (1) This registration statement on Form S-8 relates to 765,192 common units representing limited partner interests of the registrant (“common units”) that may be issued by NuStar Energy L.P. under the NuStar GP Holdings, LLC Long-Term Incentive Plan, amended and restated as of April 1, 2007, as further amended by the First Amendment to the NuStar GP Holdings, LLC Long-Term Incentive Plan. Pursuant to Rule 416(a) of the Securities Act of 1933, as amended (the “Securities Act”), there are also being registered such additional common units as may become issuable pursuant to the adjustment provisions of the plan.
- (2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(c) and 457(h) under the Securities Act, based on the average of the high and low sales prices of the common units on July 16, 2018 on the New York Stock Exchange, which was \$24.52 per common unit.

## EXPLANATORY NOTE

On July 20, 2018 (the “Effective Time”), pursuant to the Agreement and Plan of Merger, dated as of February 7, 2018 (the “Merger Agreement”), by and among NuStar Energy L.P. a Delaware limited partnership (the “Partnership”), Riverwalk Logistics, L.P., a Delaware limited partnership, NuStar GP, LLC, a Delaware limited liability company, Marshall Merger Sub LLC, a Delaware limited liability company and a wholly owned subsidiary of the Partnership (“Merger Sub”), NuStar GP Holdings, LLC, a Delaware limited liability company (“NSH”), and Riverwalk Holdings, LLC, a Delaware limited liability company and a wholly owned subsidiary of NSH, Merger Sub merged with and into NSH, with NSH as the surviving entity (the “Merger”). Under the terms of the Merger Agreement, all outstanding units representing limited liability company interests in NSH (the “NSH units”) were cancelled and converted into the right to receive common units representing limited partner interests in the Partnership (“Common Units”) based on an exchange ratio of 0.55 of a Common Unit per NSH unit.

This registration statement on Form S-8 is filed by the Partnership for the purpose of registering 765,192 Common Units that may be offered and sold pursuant to the NuStar GP Holdings, LLC Long-Term Incentive Plan, amended and restated April 1, 2007, as further amended by the First Amendment to the NuStar GP Holdings, LLC Long-Term Incentive Plan (the “Plan”). At the Effective Time, each outstanding restricted NSH unit granted pursuant to the Plan was assumed by the Partnership and converted into 0.55 of a restricted Common Unit.

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**PART I.**

**INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS**

The document(s) containing the information specified in Part I of Form S-8 (plan information and registrant information) will be sent or given to employees as specified by Rule 428(b)(1) under the Securities Act of 1933, as amended (the "Securities Act"). In accordance with Rule 428 and the requirements of Part I of Form S-8, such documents are not being filed with the Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act. The Partnership shall maintain a file of such documents in accordance with the provisions of Rule 428(a)(2) of the Securities Act. Upon request, the Partnership shall furnish to the Commission or its staff a copy of any or all of the documents included in the file.

**PART II.**

**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

Except to the extent that information is deemed furnished and not filed pursuant to securities laws and regulations, the following documents, which have been previously filed by the Partnership with the Commission, are incorporated by reference into this Registration Statement and will be deemed to be a part hereof:

- (1) The Partnership's Annual Report on Form 10-K for the year ended December 31, 2017 filed with the Commission on February 28, 2018;
- (2) The Partnership's Quarterly Report on Form 10-Q for the quarter ended March 31, 2018 filed with the Commission on May 8, 2018;
- (2) The Partnership's Current Reports on Form 8-K filed with the Commission on February 8, 2018, March 28, 2018, June 29, 2018 and July 20, 2018; and
- (3) The description of the Partnership's Common Units under the caption "Description of Common Units," contained in the Partnership's registration statement on Form S-4 (File No. 333-223671) initially filed with the Commission on March 15, 2018, and any amendments or reports filed for the purpose of updating such description.

All documents filed with the Commission by the Partnership pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 (excluding any information furnished on any Current Report on Form 8-K) subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Any statement contained herein or in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 4. Description of Securities.**

Not applicable.

**Item 5. Interests of Named Experts and Counsel.**

Not applicable.

**Item 6. Indemnification of Directors and Officers.**

Section 17-108 of the Delaware Revised Uniform Limited Partnership Act empowers a Delaware limited partnership to indemnify and hold harmless any partner or other person from and against all claims and demands whatsoever.

The Eighth Amended and Restated Agreement of Limited Partnership of NuStar Energy L.P. (the "Partnership"), dated as of July 20, 2018 provides that the Partnership will indemnify (1) Riverwalk Logistics, L.P., (2) any departing general partner, (3) any person who is or was an affiliate of Riverwalk Logistics, L.P. or any departing general partner, (4) any person who is or was a member, partner, officer director, employee, agent or trustee of Riverwalk Logistics, L.P. or any departing general partner or any affiliate of Riverwalk Logistics, L.P. or any departing general partner or (5) any person who is or was serving at the request of Riverwalk Logistics, L.P. or any departing general partner or any affiliate of any such person, any affiliate of Riverwalk Logistics, L.P., or any

fiduciary or trustee of another person (each, an "Indemnitee"), to the fullest extent permitted by law, from and against any and all losses, claims, damages, liabilities (joint or several), expenses (including, without limitation, legal fees and expenses), judgments, fines, penalties, interest, settlements and other amounts arising from any and all claims, demands, actions, suits or proceedings, whether civil, criminal, administrative or investigative, in which any Indemnitee may be involved, or is threatened to be involved, as a party or otherwise, by reason of its status as a Indemnitee; provided that in each case the Indemnitee acted in good faith and in a manner that such Indemnitee reasonably believed to be in or not opposed to the best interests of the Partnership and, with respect to any criminal proceeding, had no reasonable cause to believe its conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction or upon a plea of nolo contendere, or its equivalent, shall not create an assumption that the Indemnitee acted in a manner contrary to that specified above. Any indemnification under these provisions will be only out of the assets of Partnership, and Riverwalk Logistics, L.P. shall not be personally liable for, or have any obligation to contribute or lend funds or assets to the Partnership to enable it to effectuate, such indemnification. The Partnership is authorized to purchase (or to reimburse Riverwalk Logistics, L.P. or its affiliates for the cost of) insurance against liabilities asserted against and expenses incurred by such persons in connection with the Partnership's activities, regardless of whether the Partnership would have the power to indemnify such person against such liabilities under the provisions described above.

Section 18-108 of the Delaware Limited Liability Company Act provides that, subject to such standards and restrictions, if any, as are set forth in its limited liability company agreement, a Delaware limited liability company may, and shall have the power to, indemnify and hold harmless any member or manager or other person from and against any and all claims and demands whatsoever.

The Second Amended and Restated Limited Liability Company Agreement of NuStar GP, LLC contains the following provisions relating to indemnification of, among others, its officers and directors:

"15. INDEMNIFICATION. (a) Right to Indemnification. Each person who was or is made a party to or is threatened to be made a party to or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative, or investigative (hereinafter a "proceeding"), by reason of the fact that he or she is or was a director or an officer of the Company or is or was serving at the request of the Company as a director, officer, employee, or agent of another company or of a partnership, joint venture, trust, or other enterprise, including service with respect to an employee benefit plan ("Indemnitee"), whether the basis of such proceeding is alleged action in an official capacity as a director, officer, employee, or agent or in any other capacity while serving as a director, officer, employee, or agent, shall be indemnified and held harmless by the Company to the fullest extent permitted or required by the Act, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Company to provide broader indemnification rights than such law permitted the Company to provide prior to such amendment), against all expense, liability and loss (including attorneys' fees, judgments, fines, ERISA excise taxes or penalties and amounts paid in settlement) reasonably incurred or suffered by such Indemnitee in connection therewith; provided, however, that, except as provided in Section 15(c) with respect to proceedings to enforce rights to indemnification, that Company shall indemnify any such Indemnitee in connection with a proceeding (or part thereof) initiated by such Indemnitee only if such proceeding (or part thereof) was authorized by the Board of Directors of the Company.

(b) Right to Advancement of Expenses. The right to indemnification conferred in this Section 15(b) shall include the right to be advanced by the Company the expenses (including, without limitation, attorneys' fees and expenses) incurred in defending any such proceeding in advance of its final disposition (hereinafter an "advancement of expenses"); provided, however, that, if the Act so requires, an advancement of expenses incurred by an Indemnitee in his or her capacity as a director or officer (and not in any other capacity in which service was or is rendered by such Indemnitee, including, without limitation, service to an employee benefit plan) shall be made only upon delivery to the Company of an undertaking (an "Undertaking"), by or on behalf of such Indemnitee, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal (a "Final Adjudication") that such Indemnitee is not entitled to be indemnified for such expenses under this Section 15(b) or otherwise. The rights to indemnification and to the advancement of expenses conferred in Sections 15(a) and 15(b) shall be contract rights and such rights shall continue as to an Indemnitee who has ceased to be a director, officer, employee, or agent and shall inure to the benefit of the Indemnitee's heirs, executors and administrators.

(c) Right of Indemnitee to Bring Suit. If a claim under Section 15(a) or 15(b) is not paid in full by the Company within 60 calendar days after a written claim has been received by the Company, except in the case of a

claim for an advancement of expenses, in which case the applicable period shall be 20 calendar days, the Indemnitee may at any time thereafter bring suit against the Company to recover the unpaid amount of the claim. If successful in whole or in part in any such suit, or in a suit brought by the Company to recover an advancement of expenses pursuant to the terms of an Undertaking, the Indemnitee shall be entitled to be paid also the expense of prosecuting or defending such suit. In any suit brought by the Indemnitee to enforce a right to indemnification hereunder (but not in a suit brought by the Indemnitee to enforce a right to an advancement of expenses) it shall be a defense that the Indemnitee has not met any applicable standard for indemnification set forth in the Act. Neither the failure of the Company (including its Board of Directors, independent legal counsel, or its Member) to have made a determination prior to the commencement of such suit that indemnification of the Indemnitee is proper in the circumstances because the Indemnitee has met the applicable standard of conduct set forth in the Act, nor an actual determination by the Company (including its Board of Directors, independent legal counsel, or its Member) that the Indemnitee has not met such applicable standard of conduct shall create a presumption that the Indemnitee has not met the applicable standard of conduct or, in the case of such a suit brought by the Indemnitee, be a defense to such suit. If any suit brought by the Indemnitee to enforce a right to indemnification or to an advancement of expenses hereunder, or brought by the Company to recover an advancement of expenses pursuant to the terms of an Undertaking, the burden of proving that the Indemnitee is not entitled to be indemnified, or to such advancement of expenses, under this Section 15 or otherwise, shall be on the Company.

(d) Non-Exclusivity of Rights. The rights to indemnification and to the advancement of expenses conferred in this Section 15 shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, this Agreement, vote of members, or disinterested directors or otherwise.”

We have obtained directors’ and officers’ insurance to protect the Partnership and the officers and directors of its general partner against losses arising from certain claims, including claims under the Securities Act of 1933.

**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

<u>Exhibit Number</u>	<u>Description</u>	<u>Incorporated by Reference to the Following Document</u>
4.1	<a href="#">Amended and Restated Certificate of Limited Partnership of Shamrock Logistics, L.P., effective January 1, 2002</a>	NuStar Energy L.P.’s Annual Report on Form 10-K for year ended December 31, 2001 (File No. 001-16417), Exhibit 3.3
4.2	<a href="#">Amendment to Certificate of Limited Partnership of Valero L.P., dated March 21, 2007 and effective April 1, 2007</a>	NuStar Energy L.P.’s Current Report on Form 8-K filed March 27, 2007 (File No. 001-16417), Exhibit 3.01
4.3	<a href="#">Eighth Amended and Restated Agreement of Limited Partnership of NuStar Energy L.P., dated as of July 20, 2018</a>	NuStar Energy L.P.’s Current Report on Form 8-K filed July 20, 2018, 2018 (File No. 001-16417), Exhibit 3.1
4.4	<a href="#">Certificate of Limited Partnership of Riverwalk Logistics, L.P., dated as of June 5, 2000</a>	NuStar Energy L.P.’s Registration Statement on Form S-1 filed August 14, 2000 (File No. 333-43668), Exhibit 3.7
4.5	<a href="#">First Amended and Restated Limited Partnership Agreement of Riverwalk Logistics, L.P., dated as of April 16, 2001</a>	NuStar Energy L.P.’s Annual Report on Form 10-K for year ended December 31, 2001 (File No. 001-16417), Exhibit 3.16
4.6	<a href="#">Certificate of Formation of Shamrock Logistics GP, LLC, dated as of December 7, 1999</a>	NuStar Energy L.P.’s Registration Statement on Form S-1 filed August 14, 2000 (File No. 333-43668), Exhibit 3.9
4.7	<a href="#">Certificate of Amendment to Certificate of Formation of Shamrock Logistics GP, LLC, dated as of December 31, 2001</a>	NuStar Energy L.P.’s Annual Report on Form 10-K for year ended December 31, 2001 (File No. 001-16417), Exhibit 3.14

4.8	<a href="#">Certificate of Amendment to Certificate of Formation of Valero GP, LLC, dated March 21, 2007 and effective April 1, 2007</a>	NuStar Energy L.P.'s Quarterly Report on Form 10-Q for quarter ended March 31, 2007 (File No. 001-16417), Exhibit 3.02
4.9	<a href="#">Second Amended and Restated Limited Liability Company Agreement of NuStar GP, LLC, effective as of July 20, 2018</a>	NuStar Energy L.P.'s Current Report on Form 8-K filed July 20, 2018, 2018 (File No. 001-16417), Exhibit 3.2
4.10	<a href="#">NuStar GP Holdings, LLC Long-Term Incentive Plan, amended and restated as of April 1, 2007</a>	NuStar GP Holdings, LLC's Quarterly Report on Form 10-Q for quarter ended June 30, 2007 (File No. 001-32940), Exhibit 10.04
4.11	<a href="#">First Amendment to the NuStar GP Holdings, LLC Long-Term Incentive Plan, dated as of February 7, 2018</a>	NuStar GP Holdings, LLC's Annual Report on Form 10-K for year ended December 31, 2017 (File No. 001-32940), Exhibit 10.46
4.12	<a href="#">Form of 2013 Restricted Unit Award Agreement under the NuStar GP Holdings, LLC Amended and Restated Long-Term Incentive Plan</a>	NuStar GP Holdings, LLC's Annual Report on Form 10-K for year ended December 31, 2013 (File No. 001-32940), Exhibit 10.30
4.13	<a href="#">Form of Phantom Unit Award Agreement under the NuStar GP Holdings, LLC Amended and Restated Long-Term Incentive Plan</a>	NuStar GP Holdings, LLC's Annual Report on Form 10-K for year ended December 31, 2016 (File No. 001-32940), Exhibit 10.40
4.14	<a href="#">Form of Non-employee Director Phantom Unit Award Agreement under the NuStar GP Holdings, LLC Amended and Restated Long-Term Incentive Plan</a>	NuStar GP Holdings, LLC's Annual Report on Form 10-K for year ended December 31, 2016 (File No. 001-32940), Exhibit 10.42
4.15	<a href="#">Form of Converted Award Agreement under the NuStar GP Holdings, LLC Amended and Restated Long-Term Incentive Plan</a>	NuStar Energy L.P.'s Current Report on Form 8-K filed July 20, 2018 (File No. 001-16417), Exhibit 10.1
5.1*	<a href="#">Opinion of Sidley Austin LLP with respect to legality of the securities</a>	*
23.1*	<a href="#">Consent of KPMG LLP</a>	*
23.2*	<a href="#">Consent of Sidley Austin LLP (included in Exhibit 5.1)</a>	*
24.1*	<a href="#">Powers of Attorney (included in signature page of this Form S-8)</a>	*

\* Filed herewith.

**Item 9. Undertakings.**

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.



(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*Provided, however,* paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply if the registration statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Antonio, State of Texas, on July 23, 2018.

NUSTAR ENERGY L.P.

By: Riverwalk Logistics, L.P.  
its general partner

By: NuStar GP, LLC  
Its general partner

By: /s/ Bradley C. Barron

Name: Bradley C. Barron

Title: President and Chief Executive Officer

## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Bradley C. Barron, Thomas R. Shoaf and Amy L. Perry, each of them, either of whom may act without the joinder of the other, as his true and lawful attorney-in-fact and agent with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including pre-effective and post-effective amendments) to this Registration Statement and any additional registration statement pursuant to Rule 462(b) under the Securities Act, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed below by the following persons in the capacities indicated below on July 23, 2018.

Signature	Title	Date
<u>/s/ William E. Greehey</u> William E. Greehey	Chairman of the Board	July 23, 2018
<u>/s/ Bradley C. Barron</u> Bradley C. Barron	President, Chief Executive Officer and Director (Principal Executive Officer)	July 23, 2018
<u>/s/ Thomas R. Shoaf</u> Thomas R. Shoaf	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	July 23, 2018
<u>/s/ Jorge A. del Alamo</u> Jorge A. del Alamo	Senior Vice President and Controller (Principal Accounting Officer)	July 23, 2018
<u>/s/ J. Dan Bates</u> J. Dan Bates	Director	July 23, 2018
<u>/s/ William B. Burnett</u> William B. Burnett	Director	July 23, 2018

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/s/ James F. Clingman, Jr.

James F. Clingman, Jr.

Director

July 23, 2018

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/s/ Dan J. Hill

Dan J. Hill

Director

July 23, 2018

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/s/ Jelynn LeBlanc-Burley

Jelynn LeBlanc-Burley

Director

July 23, 2018

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/s/ Robert J. Munch

Robert J. Munch

Director

July 23, 2018

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/s/ W. Grady Rosier

W. Grady Rosier

Director

July 23, 2018



SIDLEY AUSTIN LLP  
 1000 LOUISIANA STREET  
 SUITE 6000  
 HOUSTON, TX 77002  
 +1 713 495 4500  
 +1 713 495 7799 FAX

AMERICA • ASIA PACIFIC • EUROPE

July 23, 2018

NuStar Energy L.P.  
 19003 IH-10 West  
 San Antonio, Texas 78257

Re: 765,192 Common Units Representing Limited Partner Interests in NuStar Energy L.P.

Ladies and Gentlemen:

We refer to the Registration Statement on Form S-8 (the "Registration Statement") being filed by NuStar Energy L.P., a Delaware limited partnership (the "Partnership"), with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), relating to the registration of 765,192 shares of common units representing limited partner interests in the Partnership (the "Registered Units"), which may be issued under the NuStar GP Holdings, LLC Long-Term Incentive Plan, amended and restated as of April 1, 2007, as amended by the First Amendment to the NuStar GP Holdings, LLC Long-Term Incentive Plan (collectively, the "Plan").

This opinion letter is being delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

We have examined the: (i) Registration Statement; (ii) Plan; (iii) Certificate of Limited Partnership of the Partnership, as amended to date; (iv) Eighth Amended and Restated Agreement of Limited Partnership of the Partnership, dated July 20, 2018, as amended to date; (v) Certificate of Limited Partnership of Riverwalk Logistics, L.P., a Delaware limited partnership and the general partner of the Partnership (the "General Partner"), as amended to date; (vi) First Amended and Restated Limited Partnership Agreement of the General Partner, dated April 16, 2001, as amended to date; (vii) Certificate of Formation of NuStar GP, LLC, a Delaware limited liability company and the general partner of the General Partner ("NuStar GP"), as amended to date; and (viii) Second Amended and Restated Limited Liability Company Agreement of NuStar GP, dated July 20, 2018, as amended to date. We have also examined originals, or copies of originals certified to our satisfaction, of such agreements, documents, certificates and statements of the Partnership, the General Partner and NuStar GP and other corporate documents and instruments, and have examined such questions of law, as we have considered relevant and necessary as a basis for this opinion letter. We have assumed the authenticity of all documents submitted to us as originals, the genuineness of all signatures, the legal capacity of all persons and the conformity with the original documents of any copies thereof submitted to us for examination. As to facts relevant to the opinions expressed herein, we have relied without independent investigation or verification upon, and assumed the accuracy and completeness of, certificates, letters and oral and written statements and representations of public officials and officers and other representatives of NuStar GP.

Sidley Austin LLP is a limited liability partnership practicing in affiliation with other Sidley Austin partnerships.

Based on the foregoing, we are of the opinion that when (i) the Registration Statement, as finally amended, shall have become effective under the Securities Act and (ii) a certificate representing each Registered Unit shall have been duly executed, countersigned, registered and delivered to the person entitled thereto or, if the Registered Unit is to be issued in uncertificated form, the Partnership's books shall reflect the issuance of such Registered Unit to the person entitled thereto, in each case in accordance with the terms of the Plan, (a) each Registered Unit will have been duly authorized, (b) each Registered Unit will be validly issued and (c) the person entitled to such Registered Unit will have no obligation, solely by reason of their ownership of such Registered Unit, to make any contributions to the Partnership or any further payments for their purchase of such Registered Unit, and such persons will have no personal liability, solely by reason of their ownership of such Registered Unit, to creditors of the Partnership for any of its debts, liabilities or other obligations.

This opinion letter is limited to the Delaware Revised Uniform Limited Partnership Act and the Delaware Limited Liability Company Act. We express no opinion as to the laws, rules or regulations of any other jurisdiction, including, without limitation, the federal laws of the United States of America or any state securities or blue sky laws.

We hereby consent to the filing of this opinion letter as an Exhibit to the Registration Statement and to all references to our Firm included in or made a part of the Registration Statement. 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 Securities Act.

Very truly yours,

/s/ Sidley Austin LLP

**Consent of Independent Registered Public Accounting Firm**

The Board of Directors  
NuStar GP, LLC:

We consent to the use of our reports with respect to the consolidated balance sheets of NuStar Energy L.P. and subsidiaries as of December 31, 2017 and 2016, and the related consolidated statements of income, comprehensive income, cash flows, and partners' equity for each of the years in the three-year period ended December 31, 2017 and the effectiveness of internal control over financial reporting as of December 31, 2017 incorporated by reference herein.

/s/ KPMG LLP

San Antonio, Texas  
July 23, 2018