

NuStar Energy L.P.
 Form 424B5
 April 14, 2017
Table of Contents

**Filed pursuant to Form 424(b)(5)
 Registration No. 333-212338**

Title of Each Class to be Registered	Amount to Be Registered(1)	Offering Price per Unit	Aggregate Offering Price	Registration Fee(2)(3)
Common units representing limited partner interests	14,375,000	\$46.35	\$666,281,250	\$77,222

- (1) Assumes that the overallotment amount of 1,875,000 common units is exercised.
- (2) Calculated in accordance with Rule 457(r) under the Securities Act of 1933, as amended.
- (3) This Calculation of Registration Fee table shall be deemed to update the Calculation of Registration Fee table in the Partnership's Registration Statement on Form S-3 (File No. 333-212338) in accordance with Rules 456(b) and 457(r) under the Securities Act.

Table of Contents

Prospectus Supplement

(To Prospectus dated June 30, 2016)

12,500,000 Common Units

Representing Limited Partner Interests

We are offering 12,500,000 common units representing limited partner interests in NuStar Energy L.P., including up to \$15 million aggregate purchase price of common units to William E. Greehey, the Chairman of the Board of Directors of NuStar GP, LLC. Other members of the Board of Directors of NuStar GP, LLC may purchase common units directly from the underwriters.

Our common units are listed on the New York Stock Exchange, or NYSE, under the symbol NS. The last reported sales price of our common units on the New York Stock Exchange on April 11, 2017 was \$48.10 per common unit.

Investing in our common units involves risks. See Risk Factors beginning on page S-9 of this prospectus supplement and page 4 of the accompanying base prospectus for information regarding risks you should consider before investing in our common units.

The underwriters have agreed to purchase common units from us at a price of \$44.78 per unit and Mr. Greehey and other members of the Board of Directors of NuStar GP, LLC have agreed to purchase units from us at a price of \$46.35 per unit, which will result in \$560.3 million of net proceeds to us before expenses, or \$644.2 million assuming full exercise of the underwriters' option to purchase additional common units.

The underwriters may offer the common units from time to time for sale in one or more transactions on the NYSE, in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices. The underwriters will receive no underwriting discount or commission on the sale of common units to Mr. Greehey or any other member of the Board of Directors of NuStar GP, LLC.

We have granted the underwriters an option for a period of 30 days from the date of this prospectus supplement to purchase up to an additional 1,875,000 common units from us on the same terms and conditions as set forth above.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus supplement or the accompanying base prospectus. Any representation to the contrary is a criminal offense.

The underwriters are offering the common units as set forth in Underwriting. The underwriters expect to deliver the common units on or about April 18, 2017.

Joint Book-Running Managers

UBS Investment Bank

**Mizuho Securities
BofA Merrill Lynch**

J.P. Morgan
Co-Managers

**Wells Fargo Securities
RBC Capital Markets**

**BNP PARIBAS
PNC Capital Markets LLC**

**DNB Markets
Scotia Howard Weil SMBC Nikko**
April 12, 2017

**MUFG
SunTrust Robinson Humphrey**

Table of Contents

TABLE OF CONTENTS

Prospectus Supplement

<u>Summary</u>	S-1
<u>The Offering</u>	S-7
<u>Risk Factors</u>	S-9
<u>Use of Proceeds</u>	S-11
<u>Capitalization</u>	S-12
<u>Price Range of Common Units and Distributions</u>	S-14
<u>Material Tax Considerations</u>	S-15
<u>Underwriting</u>	S-17
<u>Legal Matters</u>	S-24
<u>Experts</u>	S-24
<u>Where You Can Find More Information</u>	S-24
<u>Forward-Looking Statements and Associated Risks</u>	S-25
Prospectus	

<u>ABOUT THIS PROSPECTUS</u>	1
<u>ABOUT US</u>	1
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	2
<u>INCORPORATION BY REFERENCE</u>	2
<u>RISK FACTORS</u>	4
<u>FORWARD-LOOKING STATEMENTS AND ASSOCIATED RISKS</u>	5
<u>RATIO OF EARNINGS TO FIXED CHARGES</u>	6
<u>USE OF PROCEEDS</u>	6
<u>DESCRIPTION OF NUSTAR ENERGY COMMON UNITS</u>	7
<u>DESCRIPTION OF NUSTAR ENERGY PREFERRED UNITS</u>	8
<u>CASH DISTRIBUTIONS</u>	9
<u>THE PARTNERSHIP AGREEMENT</u>	14
<u>CONFLICTS OF INTEREST AND FIDUCIARY RESPONSIBILITIES</u>	24
<u>DESCRIPTION OF NUSTAR LOGISTICS DEBT SECURITIES</u>	28
<u>BOOK-ENTRY SECURITIES</u>	39
<u>MATERIAL TAX CONSEQUENCES</u>	41
<u>INVESTMENT IN NUSTAR ENERGY BY EMPLOYEE BENEFIT PLANS</u>	57
<u>LEGAL MATTERS</u>	59

EXPERTS

59

We have not, and the underwriters have not, authorized anyone to provide any information or to make any representations other than those contained in this prospectus supplement, the accompanying base prospectus or in any free writing prospectuses we have prepared. Neither we nor the underwriters take responsibility for, and can provide no assurance as to the reliability of, any other information that others

i

Table of Contents

may give you. We are not, and the underwriters are not, making an offer to sell our common units in any jurisdiction where the offer or sale is not permitted. You should not assume that the information contained in this prospectus supplement or the accompanying base prospectus is accurate as of any date other than the date of such document or that any information we have incorporated by reference is accurate as of any date other than the date of the document incorporated by reference. Our business, financial condition, results of operations and prospects may have changed since these dates.

We provide information to you about this offering of our common units in two separate documents that are bound together: (1) this prospectus supplement, which describes the specific details regarding this offering, and (2) the accompanying base prospectus, which provides general information, some of which may not apply to this offering. Generally, when we refer to this prospectus, we are referring to both documents combined. If information in this prospectus supplement is inconsistent with the accompanying base prospectus, you should rely on this prospectus supplement.

You should carefully read this prospectus, including the information incorporated by reference herein and therein, before you invest. These documents contain information you should consider when making your investment decision. None of NuStar Energy L.P., the underwriters or any of their respective representatives is making any representation to you regarding the legality of an investment in the common units by you under applicable laws. You should consult with your own advisors as to legal, tax, business, financial and related aspects of an investment in the common units.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein or in any prospectus supplement were made solely for the benefit of the parties to such agreement for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

Except where we or the context otherwise indicate, the information in this prospectus assumes no exercise of the underwriters' option to purchase additional common units described on the cover page of this prospectus.

Table of Contents

Summary

*This summary highlights information included or incorporated by reference into this prospectus. It does not contain all the information that you should consider before investing in our common units. We urge you to read carefully the entire prospectus, the documents we have incorporated by reference and our financial statements and the notes to those statements, before making an investment decision. Please also read *Risk Factors* in this prospectus supplement, the accompanying base prospectus, our Annual Report on Form 10-K for the year ended December 31, 2016 and our subsequent filings with the Securities and Exchange Commission (SEC) that are incorporated by reference herein.*

In this prospectus, references to NuStar Energy, we, us, our and the Partnership mean NuStar Energy L.P., one or more of our consolidated subsidiaries or all of them taken as a whole, unless otherwise noted.

NuStar Energy L.P.

NuStar Energy is a publicly traded Delaware limited partnership engaged in the transportation of petroleum products and anhydrous ammonia, the terminalling and storage of petroleum products and the marketing of petroleum products. We conduct substantially all of our business through our wholly owned operating subsidiaries, NuStar Logistics, L.P. (NuStar Logistics) and NuStar Pipeline Operating Partnership L.P., and their respective subsidiaries.

Our operations are managed by NuStar GP, LLC, the general partner of Riverwalk Logistics, L.P., our general partner. NuStar GP, LLC is a wholly owned subsidiary of NuStar GP Holdings, LLC, a publicly traded limited liability company (NYSE: NSH). We divide our operations into the following three reportable business segments: pipeline, storage and fuels marketing. As of December 31, 2016, our assets included approximately 8,700 miles of pipeline and 79 terminal and storage facilities that provide approximately 95 million barrels of storage capacity.

Pipeline Segment

Our pipeline operations consist of the transportation of refined petroleum products, crude oil and anhydrous ammonia. As of December 31, 2016, we owned and operated:

- refined product pipelines with an aggregate length of 3,140 miles and crude oil pipelines with an aggregate length of 1,230 miles in Texas, Oklahoma, Kansas, Colorado and New Mexico;
- a 1,920-mile refined product pipeline originating in southern Kansas and terminating at Jamestown, North Dakota, with a western extension to North Platte, Nebraska and an eastern extension into Iowa;
- a 450-mile refined product pipeline originating at Tesoro Corporation's Mandan, North Dakota refinery and terminating in Minneapolis, Minnesota; and
- a 2,000-mile anhydrous ammonia pipeline originating at the Louisiana delta area that travels north through the Midwestern United States forking east and west to terminate in Nebraska and Indiana (the Ammonia Pipeline).

Edgar Filing: NuStar Energy L.P. - Form 424B5

We charge tariffs on a per barrel basis for transporting refined products, crude oil and other feedstocks in our refined product and crude oil pipelines and on a per ton basis for transporting anhydrous ammonia in the Ammonia Pipeline.

S-1

Table of Contents

Storage Segment

Our storage segment consists of facilities that provide storage, handling and other services for petroleum products, crude oil, specialty chemicals and other liquids. As of December 31, 2016, we owned and operated:

- 40 terminal and storage facilities in the United States and one terminal in Nuevo Laredo, Mexico, with total storage capacity of 53.2 million barrels;
- A terminal on the island of St. Eustatius with tank capacity of 14.4 million barrels and a transshipment facility;
- A terminal located in Point Tupper, Canada with tank capacity of 7.8 million barrels and a transshipment facility; and
- Six terminals located in the United Kingdom and one terminal located in Amsterdam, the Netherlands, with total storage capacity of approximately 9.5 million barrels.

Revenues for the storage segment include fees for tank storage agreements, where a customer agrees to pay for a certain amount of storage in a tank over a period of time (storage terminal revenues), and throughput agreements, where a customer pays a fee per barrel for volumes moving through our terminals (throughput terminal revenues). Our terminals also provide blending, additive injections, handling and filtering services for which we charge additional fees. We previously charged a fee for each barrel of crude oil and certain other feedstocks that we deliver to Valero Energy Corporation's Benicia, Corpus Christi West and Texas City refineries from our crude oil refinery storage tanks. Effective January 1, 2017, we lease these refinery storage tanks in exchange for a fixed fee. Certain of our facilities charge fees to provide marine services such as pilotage, tug assistance, line handling, launch service, emergency response services and other ship services.

Fuels Marketing Segment

Our fuels marketing operations involve the purchase of crude oil, fuel oil, bunker fuel, fuel oil blending components and other refined products for resale. These operations provide us the opportunity to generate additional gross margin while complementing the activities of our storage segment. We utilize storage assets, including our own terminals and rail unloading facilities, at our St. James, Texas City and St. Eustatius terminals. Rates charged by our storage segment to the fuels marketing segment are consistent with rates charged to third parties.

Recent Developments

Preliminary Financial Results for the First Quarter of 2017 (unaudited)

The information presented below has not been reviewed by our independent auditors and is subject to revision as we prepare our unaudited condensed consolidated financial statements as of and for the three months ended March 31, 2017. This information is not a comprehensive statement of our financial results for the quarterly period ended March 31, 2017, and our actual results may differ materially from these estimates as a result of the completion of our financial closing process, final adjustments (if any) and other developments arising between now and the time that our financial results for the three months ended March 31, 2017 are finalized. The following information should be read in

conjunction with Management's Discussion and Analysis of Financial Condition and Results of Operations for the year ended December 31, 2016 and our financial statements and notes to financial statements as set forth in our Annual Report on Form 10-K for the year ended December 31, 2016, which is incorporated by reference into this prospectus supplement.

S-2

Table of Contents

Based on preliminary analysis of the financial results for the three months ended March 31, 2017, we expect net income to be between \$55.0 million and \$62.0 million and earnings before interest, taxes, depreciation and amortization (EBITDA) to be between \$149.0 million and \$159.0 million. Additionally, we expect distributable cash flow (DCF) to be between \$100.7 million and \$108.2 million. For more information on EBITDA and DCF, see Non-GAAP Financial Measures.

Non-GAAP Financial Measures

We utilize financial measures, such as EBITDA, DCF and distribution coverage ratio, which are not defined in U.S. generally accepted accounting principles (GAAP). Management believes these financial measures provide useful information to investors and other external users of our financial information because (i) they provide additional information about the operating performance of the Partnership's assets and the cash the business is generating and (ii) investors and other external users of our financial statements benefit from having access to the same financial measures being utilized by management and our board of directors when making financial, operational, compensation and planning decisions.

Our board of directors and management use EBITDA and/or DCF when assessing the following: (i) the performance of our assets, (ii) the viability of potential projects, (iii) our ability to fund distributions, (iv) our ability to fund capital expenditures and (v) our ability to service debt. In addition, our board of directors uses a distribution coverage ratio, which is calculated based on DCF, as the metric for determining the company-wide bonus and the vesting of performance units awarded to management as our board of directors believes DCF appropriately aligns management's interest with our unitholders' interest in increasing distributions in a prudent manner. DCF is a widely accepted financial indicator used by the master limited partnership (MLP) investment community to compare partnership performance. DCF is used by the MLP investment community, in part, because the value of a partnership unit is partially based on its yield, and its yield is based on the cash distributions that a partnership can pay its unitholders.

Table of Contents

None of these financial measures are presented as an alternative to net income. They should not be considered in isolation or as substitutes for a measure of performance prepared in accordance with GAAP. The following is a reconciliation of our non-GAAP financial measures to net income:

	Three Months Ended March 31, (Unaudited, Thousands of Dollars, Except Ratio Data)		
	2017		
	(Estimated)		
	Low	High	2016
Net income	\$ 55,000	\$ 62,000	\$ 57,401
Interest expense, net	36,000	37,000	34,123
Income tax expense	2,000	3,000	2,870
Depreciation and amortization expense	56,000	57,000	53,142
EBITDA	149,000	159,000	147,536
Interest expense, net	(36,000)	(37,000)	(34,123)
Reliability capital expenditures	(5,000)	(6,000)	(6,017)
Income tax expense	(2,000)	(3,000)	(2,870)
Mark-to-market impact of hedge transactions(a)	(2,000)	(3,000)	4,684
Unit-based compensation(b)	2,000	2,500	1,086
Preferred unit distributions	(4,800)	(4,800)	
Other items(c)	(500)	500	(503)
DCF	\$ 100,700	\$ 108,200	\$ 109,793
Less DCF available to general partner	12,900	12,900	12,766
DCF available to common limited partners	\$ 87,800	\$ 95,300	97,027
Distributions applicable to common limited partners(d)	\$ 86,172	\$ 86,172	\$ 85,285
Distribution coverage ratio(d)(e)	1.02x	1.11x	1.14x

- (a) DCF excludes the impact of unrealized mark-to-market gains and losses that arise from valuing certain derivative contracts, as well as the associated hedged inventory. The gain or loss associated with these contracts is realized in DCF when the contracts are settled.
- (b) In connection with the employee transfer from NuStar GP, LLC on March 1, 2016, we assumed obligations related to awards issued under a long-term incentive plan, and we intend to satisfy the vestings of equity-based awards with the issuance of our common units. As such, the expenses related to these awards are considered non-cash and added back to DCF. Certain awards include distribution equivalent rights (DERs). Payments made in connection with DERs are deducted from DCF.
- (c) Other items primarily consist of adjustments for throughput deficiency payments and construction reimbursements for all periods presented.
- (d) Does not reflect distributions that will be paid on the common units offered hereby. Assuming an estimated distribution per unit of \$1.095 paid to the common units offered hereby, distributions applicable to common limited partners would be higher by \$13,687,500 and the distribution coverage ratio would be lower by 0.17x.

- (e) Distribution coverage ratio is calculated by dividing DCF available to common limited partners by distributions applicable to common limited partners.

S-4

Table of Contents

Navigator Energy Acquisition

Acquisition Overview

On April 11, 2017, we and NuStar Logistics, L.P. entered into a Membership Interest Purchase and Sale Agreement (the Acquisition Agreement) with FR Navigator Holdings LLC (the Seller), pursuant to which we agreed to acquire (the Acquisition) all of the issued and outstanding limited liability company interests in Navigator Energy Services, LLC (Navigator). Under the Acquisition Agreement, we will acquire Navigator for consideration of approximately \$1.475 billion, subject to customary adjustments at and following closing. The Acquisition is expected to close in the second quarter of 2017, subject to customary closing conditions, including the receipt of regulatory approvals.

Navigator owns and operates crude oil transportation, pipeline gathering and storage assets located in the Midland Basin of West Texas consisting of:

- more than 500 miles of crude oil gathering and transportation pipelines with approximately 74,000 barrels per day ship-or-pay volume commitments and deliverability of approximately 412,000 barrels per day;
- a pipeline gathering system with more than 200 connected producer tank batteries capable of more than 400,000 barrels per day of pumping capacity covering over 500,000 dedicated acres with fixed-fee contracts; and
- approximately 1,000,000 barrels of crude oil storage capacity with 440,000 barrels contracted to third parties.

This offering of common units is not conditioned upon the consummation of the Acquisition, and the consummation of the Acquisition is not conditioned upon the successful completion of this offering of common units. In addition, there can be no assurance that we will consummate the Acquisition on the terms described herein or at all. See Risk Factors.

Commitment Letter for Bridge Facility

In conjunction with the Acquisition, we entered into a commitment letter (the Commitment Letter) with Mizuho Bank, Ltd., regarding financing for the Acquisition. The Commitment Letter contemplates, among other things, a senior unsecured bridge loan to us in an aggregate principal amount not to exceed \$1.475 billion, to be drawn, if at all, at the closing of the Acquisition (the Bridge Facility). We intend to fund the cash consideration payable in connection with the Acquisition with cash on hand, the net proceeds of this offering, the proceeds of one or more Supplemental Financings described below under Supplemental Financing or borrowings under our revolving credit agreement and therefore do not currently expect to fully draw on the Bridge Facility, if at all. Borrowings under the Bridge Facility, if any, would bear interest at our option, based on an alternative base rate or a LIBOR-based rate, in each case plus a margin, and mature 364 days following entry into the Bridge Facility.

Incentive Distribution Rights Waiver

In conjunction with the Acquisition, our general partner intends to amend our Fourth Amended and Restated Agreement of Limited Partnership to provide for a waiver of quarterly distributions made to the general partner, as holder of the Partnership's incentive distribution rights (IDRs), by the amount equal to the excess in available cash attributable to any common units of the Partnership issued from the date of the Acquisition Agreement through the

end of the ten consecutive quarter period following the

S-5

Table of Contents

closing of the Acquisition (including the common units to be offered and sold pursuant to this prospectus supplement, but excluding any equity issued under any long-term incentive plan or equity compensation plan implemented by the Partnership or its affiliates), subject to an aggregate cap of \$22.0 million. For a definition of available cash and a description of our cash distribution policy, see *Cash Distributions* in the accompanying base prospectus and the description of our 8.50% Series A Fixed-to-Floating Rate Cumulative Redeemable Perpetual Preferred Units (*Series A Preferred Units*), which is incorporated by reference in this prospectus supplement. If for any reason the Acquisition is not consummated, the waiver of distributions on the IDRs will not become effective.

Supplemental Financing

In addition to this offering, we may seek additional financing to fund the balance of the consideration for the Acquisition in the form of one or more capital markets transactions in which we may issue preferred units, senior notes or other securities (each, a *Supplemental Financing*) in lieu of borrowings under the Bridge Facility. If we decide to pursue a Supplemental Financing, the consummation of such Supplemental Financing may not be conditioned upon the consummation of the Acquisition, and the Acquisition will not be conditioned upon the successful consummation of any Supplemental Financing. Furthermore, the consummation of this offering of common units is not conditioned upon the successful consummation of any Supplemental Financing, and the consummation of any Supplemental Financing will not be conditioned upon the successful completion of this offering of common units. We cannot give any assurance that any Supplemental Financing will be pursued or completed.

The foregoing description and any other information regarding a Supplemental Financing is included herein solely for informational purposes. This prospectus supplement and any related communication shall not be deemed an offer to sell or a solicitation to buy any securities that may be offered in any other offering.

Principal Executive Offices and Internet Address

Our principal executive offices are located at 19003 IH-10 West, San Antonio, Texas 78257, and our telephone number is (210) 918-2000. Our website is located at <http://www.nustarenergy.com>. We make our periodic reports and other information filed with or furnished to the SEC available, free of charge, through our website, as soon as reasonably practicable after those reports and other information are electronically filed with or furnished to the SEC. Information on our website or any other website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

Table of Contents

The offering

Issuer NuStar Energy L.P.

Common units offered by us 12,500,000 common units (14,375,000 common units if the underwriters exercise their option to purchase up to an additional 1,875,000 common units in full)

Common units outstanding before this offering 78,655,825 common units

Common units outstanding after this offering 91,155,825 common units (93,030,825 common units if the underwriters exercise their option to purchase up to an additional 1,875,000 common units in full)

Use of proceeds We intend to use the net proceeds from this offering of approximately \$560.0 million (after deducting underwriting discounts and commissions and estimated offering expenses), together with the related capital contribution of our general partner and any net proceeds from the underwriters' option to purchase additional common units, to fund a portion of the purchase price for the Acquisition and to pay for related fees and expenses. This offering is not conditioned on the consummation of the Acquisition. Pending the potential use of the net proceeds from this offering to fund a portion of the purchase price for the Acquisition, we intend to use the net proceeds from this offering for the repayment of outstanding borrowings under our revolving credit agreement. See Use of Proceeds.

Certain of the underwriters or their affiliates are lenders under our revolving credit agreement and, in that respect, may receive a portion of the proceeds from this offering through the repayment of borrowings outstanding under our revolving credit agreement. See Underwriting.

Estimated ratio of taxable income to distributions We estimate that if you own the common units you purchase in this offering through the record date for

distributions for the period ending December 31, 2019, you will be allocated, on a cumulative basis, an amount of federal taxable income for that period that will be less than 20% of the cash distributed to you with respect to that period. See **Material Tax Considerations** beginning on page S-15 of this prospectus supplement for the basis of this estimate.

Material tax considerations

For a discussion of other material federal income tax considerations that may be relevant to prospective unitholders who are individual citizens or residents of the United States, see **Material Tax Considerations** beginning on page S-15 of this prospectus supplement and **Material Tax Consequences** in the accompanying base prospectus.

S-7

Table of Contents

New York Stock Exchange symbol

NS

Risk factors

You should read the risk factors beginning on page S-9 of this prospectus supplement and page 4 of the accompanying base prospectus and in the documents incorporated by reference herein, as well as the other cautionary statements in this prospectus and the documents incorporated by reference herein regarding risks you should consider before investing in our common units.

S-8

Table of Contents

Risk factors

Limited partner interests are inherently different from the capital stock of a corporation, although many of the business risks to which we are subject are similar to those that would be faced by a corporation engaged in a similar business. Before you invest in our securities, you should carefully consider those risk factors set forth below and those included in our Annual Report on Form 10-K for the year ended December 31, 2016, which are incorporated herein by reference, together with all of the other information included in this prospectus supplement, the accompanying base prospectus and the documents incorporated herein by reference, in evaluating an investment in our common units.

If any of the risks discussed below or in the foregoing documents were actually to occur, our business, financial condition, results of operations or cash flow could be materially adversely affected. In that case, our ability to make distributions to our unitholders may be reduced, the trading price of our common units could decline and you could lose all or part of your investment.

Risks Related to the Acquisition

We may not consummate the Acquisition, and this offering is not conditioned on the consummation of the Acquisition.

If the Acquisition is consummated, we intend to use the net proceeds from this offering to fund a portion of the purchase price for the Acquisition and to pay related fees and expenses. See Summary Recent Developments and Use of Proceeds. However, this offering is not conditioned upon the consummation of the Acquisition, which is subject to the satisfaction or waiver of customary closing conditions, and there can be no assurance that the Acquisition will be consummated in the anticipated time frame or at all.

Because this offering is not conditioned upon the consummation of the Acquisition, upon the closing of this offering, you will become a holder of our common units regardless of whether the Acquisition is consummated, delayed or terminated. If the Acquisition is delayed, terminated or consummated on terms different than those described herein, the market price of our common units may decline to the extent that the price of our common units reflects a market assumption that the Acquisition will be consummated on the terms described herein. Further, a failed transaction may result in negative publicity or a negative impression of us in the investment community and may affect our relationships with our business partners. In addition, pending the potential use of the proceeds of this offering to fund a portion of the purchase price for the Acquisition, we intend to use the proceeds of this offering to repay borrowings under our revolving credit agreement. Our management will have broad discretion with respect to the use of future drawdowns on our revolving credit agreement and may use these funds in ways that you or other unitholders may not support, which could adversely affect the market price of our common units. See Summary Recent Developments Navigator Energy Acquisition for more information regarding the Acquisition.

Future acquisitions and expansions, including the Acquisition, may increase substantially the level of our contingent liabilities, and we may be unable to integrate them effectively into our existing operations.

We evaluate and acquire assets and businesses that we believe complement or diversify our existing assets and businesses. Acquisitions and business expansions, including the Acquisition, may require substantial capital. If we consummate the Acquisition or any future material acquisitions, our capitalization and results of operations may change significantly.

Acquisitions and business expansions, including the Acquisition, involve numerous risks, including difficulties in the assimilation of the assets and operations of the acquired businesses, inefficiencies and

S-9

Table of Contents

difficulties that arise because of unfamiliarity with new assets, new geographic areas and the businesses associated with them. Further, unexpected costs and challenges may arise whenever businesses with different operations or employees are combined, and we may experience unanticipated delays in realizing the benefits of an acquisition, including the Acquisition.

Following the Acquisition, we may discover previously unknown liabilities associated with the acquired business for which we have no recourse under applicable indemnification provisions, if any. In addition, the terms of an acquisition, including the Acquisition, may require us to assume certain prior known or unknown liabilities for which we may not be indemnified or have adequate insurance.

Any acquisitions we complete, including the Acquisition, are subject to substantial risks that could reduce our ability to make distributions to unitholders.

Even if we do make acquisitions that we believe will increase distributable cash flow, these acquisitions, including the Acquisition, may nevertheless result in a decrease in distributable cash flow. Any acquisition, including the Acquisition, involves potential risks, including, among other things:

- we may not be able to obtain the cost savings and financial improvements we anticipate or acquired assets may not perform as we expect;
- we may not be able to successfully integrate the assets, management teams or employees of the businesses we acquire with our assets and management team;
- we may fail or be unable to discover some of the liabilities of businesses that we acquire, including liabilities resulting from a prior owner's noncompliance with applicable federal, state or local laws;
- acquisitions may divert the attention of our senior management from focusing on our core business;
- we may experience a decrease in our liquidity by using a significant portion of our available cash or borrowing capacity to finance acquisitions; and
- we may face the risk that our existing financial controls, information systems, management resources and human resources will need to grow to support future growth.

Financing the Acquisition will substantially increase our indebtedness.

In addition to the net proceeds from this offering, we intend to finance the Acquisition with the proceeds of one or more Supplemental Financings, and, to the extent necessary or desirable, by borrowing under our revolving credit agreement and by entering into and borrowing under the Bridge Facility. Our total outstanding long-term indebtedness as of December 31, 2016 was approximately \$3.0 billion. An increase in our indebtedness may reduce our flexibility to respond to changing business and economic conditions or to fund capital expenditures or working capital needs.

A ratings agency downgrade could lead to increased borrowing costs and credit stress.

If one or more rating agencies that rate or will rate our debt or preferred equity securities, including any Supplemental Financings, either assigns such debt or preferred equity securities a rating lower than the rating expected by the investors, or reduces its rating in the future, the market price of our debt or preferred equity securities, as applicable, or our common units, may be adversely affected. In addition, if any of our debt or preferred equity securities that are or will be rated, including any Supplemental Financings, is downgraded, raising capital will become more difficult for us, borrowing costs under our revolving credit agreement and other future borrowings may increase and the market price of our common units may decrease.

Table of Contents

Use of proceeds

We estimate that the net proceeds from this offering (after deducting underwriting discounts and commissions and estimated offering expenses) will be approximately \$560.0 million (\$643.9 million if the underwriters exercise their option to purchase 1,875,000 additional common units in full) and the approximately \$11.8 million capital contribution from our general partner to maintain its 2% general partner interest in us (\$13.6 million if the underwriters exercise their option to purchase 1,875,000 additional common units in full).

We intend to use the net proceeds from this offering to fund a portion of the purchase price for the Acquisition and to pay related fees and expenses. See Summary Recent Developments Navigator Energy Acquisition. Pending the potential use of the net proceeds from this offering to fund a portion of the purchase price for the Acquisition, we intend to use the net proceeds from this offering for the repayment of outstanding borrowings under our revolving credit agreement. If the aggregate proceeds of this offering and one or more Supplemental Financings exceed the amount necessary to fund the purchase price of the Acquisition or if the Acquisition is not consummated, we intend to use such excess proceeds for general partnership purposes.

As of March 31, 2017, the outstanding balance of borrowings under our revolving credit agreement was approximately \$774.6 million and the weighted average interest rate under the revolving credit agreement was 2.6%. Our revolving credit agreement is currently scheduled to mature on October 29, 2019. We use our revolving credit agreement to fund growth capital expenditures and working capital requirements and for general partnership purposes.

Certain of the underwriters or their affiliates are lenders under our revolving credit agreement and, in that respect, may receive a portion of the proceeds from this offering through the repayment of borrowings outstanding under our revolving credit agreement. See Underwriting.

S-11

Table of Contents

Capitalization

The following table sets forth our capitalization and cash and cash equivalents position as of December 31, 2016 on:

- an actual basis;
 - an as adjusted basis to give effect to this offering of 12,500,000 common units and the application of the net proceeds therefrom to repay borrowings under our revolving credit agreement pending the consummation of the Acquisition, after deducting the underwriting discounts and commissions and estimated offering expenses (assuming no exercise of the underwriters' option to purchase additional common units); and
 - an as further adjusted basis to give further effect to the consummation of the Acquisition, assuming the remainder of the purchase price is financed with the net proceeds of this offering and borrowings under the Bridge Facility.
- This table should be read in conjunction with, and is qualified in its entirety by reference to, our financial statements and the accompanying notes incorporated by reference into this prospectus supplement and the accompanying base prospectus and Use of Proceeds in this prospectus supplement. In addition, investors should not place undue reliance on the as adjusted or as further adjusted information included below because this offering is not contingent upon completion of any of the transactions reflected in the adjustments below.

	As of December 31, 2016		
	(Dollars in Thousands)		
	Actual	As Adjusted	As Further Adjusted (Unaudited)
Cash and cash equivalents	\$ 35,942	\$ 35,942	\$ 35,942
Short term debt	\$ 54,000	\$ 54,000	\$ 54,000
Long term debt:(1)			
NuStar Logistics \$1.5 billion revolving credit agreement(2)	838,992	267,201	838,992
NuStar Logistics 7.65% senior notes due 2018	350,000	350,000	350,000
NuStar Logistics 4.80% senior notes due 2020	450,000	450,000	450,000
NuStar Logistics 6.75% senior notes due 2021	300,000	300,000	300,000
NuStar Logistics 4.75% senior notes due 2022	250,000	250,000	250,000
NuStar Logistics 7.625% fixed-to-floating rate subordinated notes due 2043	402,500	402,500	402,500

Edgar Filing: NuStar Energy L.P. - Form 424B5

NuStar Logistics Gulf Opportunity Zone Revenue bonds due 2038(3)	55,440	55,440	55,440
NuStar Logistics Gulf Opportunity Zone Revenue bonds due 2040(3)	100,000	100,000	100,000
NuStar Logistics Gulf Opportunity Zone Revenue bonds due 2040(3)	50,000	50,000	50,000
NuStar Logistics Gulf Opportunity Zone Revenue bonds due 2040(3)	85,000	85,000	85,000
NuStar Logistics Gulf Opportunity Zone Revenue bonds due 2041(3)	75,000	75,000	75,000
NuStar Energy \$125.0 million receivables financing agreement	58,400	58,400	58,400
Bridge Facility(1)			903,209
Net fair value adjustments, unamortized discounts and unamortized issuance costs	(968)	(968)	(968)
Total long-term debt	3,014,364	2,442,573	3,917,573
Partners equity:(1)			
Limited partners:			
Series A Preferred Units (9,060,000 outstanding as of December 31, 2016)	218,400	218,400	218,400
Common units (78,616,228 outstanding as of December 31, 2016, actual and 91,155,825 outstanding as of December 31, 2016 as adjusted and as further adjusted)	1,455,642	2,015,609	2,015,609
General partner	31,752	43,576	43,576
Accumulated other comprehensive loss	(94,177)	(94,177)	(94,177)
Total partners equity	1,611,617	2,183,408	2,183,408
Total capitalization	\$ 4,679,981	\$ 4,679,981	\$ 6,154,981

footnotes on the following page

Table of Contents

- (1) In connection with one or more Supplemental Financings, we may issue additional debt or equity securities to fund a portion of the purchase price for the Acquisition. See Summary Recent Developments Navigator Energy Acquisition Supplemental Financings. If a Supplemental Financing were to be pursued and completed, then we expect that the outstanding amount under the Bridge Facility shown in this table would be reduced by the amount of net proceeds we would receive in respect of such Supplemental Financing and the amount of long-term debt or partners' equity would be increased accordingly on an as further adjusted basis. We cannot give any assurance that any Supplemental Financing will be pursued or completed.
- (2) As of March 31, 2017, the outstanding balance of borrowings under our revolving credit agreement was \$774.6 million.
- (3) The Parish of St. James, Louisiana issued, pursuant to the Gulf Opportunity Zone Act of 2005, one series of tax-exempt revenue bonds in 2008, three separate series of tax-exempt revenue bonds in 2010 and one series of tax-exempt revenue bonds in 2011 associated with our St. James terminal expansion.

S-13

Table of Contents

Price range of common units and distributions

Our common units are listed on the NYSE under the symbol NS. The following table sets forth, for the periods indicated, the high and low sales prices for our common units, as reported on the NYSE, and quarterly cash distributions paid to our common unitholders. The last reported sales price of our common units on the NYSE on April 10, 2017 was \$51.42 per common unit.

	High	Low	Cash Distribution per Common Unit(1)
2015			
First Quarter	\$ 63.78	\$ 54.58	\$ 1.095
Second Quarter	68.10	58.81	1.095
Third Quarter	60.48	42.00	1.095
Fourth Quarter	52.24	31.20	1.095
2016			
First Quarter	\$ 42.87	\$ 25.65	\$ 1.095
Second Quarter	53.47	37.90	1.095
Third Quarter	50.72	43.91	1.095
Fourth Quarter	50.87	43.41	1.095
2017			
First Quarter	\$ 55.31	\$ 49.69	\$ (2)
Second Quarter (through April 10, 2017)	52.68	51.00	

- (1) Represents the distribution with respect to such quarter but payable in the following quarter.
(2) We have not declared a distribution in respect of the first quarter of 2017 as of the date of this prospectus supplement.

Table of Contents

Material tax considerations

The tax consequences to you of an investment in our common units will depend in part on your own tax circumstances. For a discussion of the principal federal income tax considerations associated with our operations and the purchase, ownership and disposition of units, see **Material Tax Consequences** beginning on page 41 of the accompanying base prospectus. The following discussion is limited and does not address certain holders, in each case as described under the caption **Material Tax Consequences** in the accompanying base prospectus. Please also read **Risk Factors** in this prospectus supplement and the accompanying base prospectus and **Risk Factors Tax Risks to our Unitholders** in our Annual Report on Form 10-K for the year ended December 31, 2016 for a discussion of the tax risks related to purchasing and owning our common units. You are urged to consult your own tax advisor about the federal, state, foreign and local tax consequences particular to your circumstances.

Partnership Tax Treatment

The anticipated after-tax economic benefit of an investment in our common units depends largely on our being treated as a partnership for federal income tax purposes. We have not requested a ruling from the IRS with respect to our partnership status. In order to be treated as a partnership for federal income tax purposes, at least 90% of our gross income for every taxable year must be from specific qualifying sources, such as refining, processing, transportation, storage or marketing of crude oil, natural gas and products thereof or other types of passive income such as interest (other than from a financial business), dividends, gains from the sale of real property and gains from the sale or other disposition of capital assets held for the production of income that otherwise constitutes qualifying income. We estimate that less than 3% of our current gross income is not qualifying income, however, this estimate could change from time to time.

The present federal income tax treatment of publicly traded partnerships, including us, or an investment in our common units may be modified by administrative, legislative or judicial changes or differing interpretations at any time. For example, from time to time, the President and members of the U.S. Congress propose and consider substantive changes to the existing federal income tax laws that affect publicly traded partnerships. In addition, final Treasury Regulations under Section 7704(d)(1)(E) of the Code recently published in the Federal Register interpret the scope of the qualifying income requirement for publicly traded partnerships by providing industry-specific guidance. We do not believe the final Treasury Regulations affect our ability to be treated as a partnership for federal income tax purposes.

Any modification to the federal income tax laws may be applied retroactively and could make it more difficult or impossible to meet the exception for certain publicly traded partnerships to be treated as partnerships for federal income tax purposes. We are unable to predict whether any of these changes or other proposals will ultimately be enacted, including as a result of fundamental tax reform. Any such changes could negatively impact the value of an investment in our common units.

For a more complete description of the qualifying income requirement and our treatment as a partnership for federal income tax purposes, see **Material Tax Consequences Partnership Status** in the accompanying base prospectus.

Table of Contents

Ratio of Taxable Income to Distributions

We estimate that a purchaser of common units in this offering who owns those common units from the date of closing of this offering through the record date for distributions for the period ending December 31, 2019, will be allocated, on a cumulative basis, an amount of federal taxable income for that period that will be less than 20% of the cash distributed with respect to that period. Thereafter, we anticipate that the ratio of allocable taxable income to cash distributions to the unitholders will increase. These estimates are based upon many assumptions regarding our business and operations, including assumptions with respect to our capital expenditures, cash flow, net working capital and anticipated cash distributions. These estimates and assumptions are subject to, among other things, numerous business, economic, regulatory, competitive and political uncertainties beyond our control. Further, the estimates are based on current tax law and tax reporting positions that we have adopted and with which the IRS could disagree. Accordingly, we cannot assure you that these estimates will prove to be correct. The actual ratio of allocable taxable income to cash distributions could be higher or lower than expected, and any differences could be material and could materially affect the value of the common units. For example, the ratio of allocable taxable income to cash distributions to a purchaser of common units in this offering will be higher, and perhaps substantially higher, than our estimate with respect to the period described above if:

- gross income from operations exceeds the amount required to make the current level of distributions on all units, yet we only distribute the current level of distributions on all units; or
- we make a future offering of common units and use the proceeds of the offering in a manner that does not produce substantial additional deductions during the period described above, such as to repay indebtedness outstanding at the time of the offering or to acquire property that is not eligible for depreciation or amortization for federal income tax purposes or that is depreciable or amortizable at a rate significantly slower than the rate applicable to our assets at the time of this offering.

Table of Contents

Underwriting

UBS Securities LLC will be acting as lead book-running manager and representative of the underwriters named below, and Mizuho Securities USA LLC, Wells Fargo Securities, LLC, J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and RBC Capital Markets, LLC will be acting as joint book-running managers. Under the terms of an underwriting agreement, which we will file as an exhibit to a Current Report on Form 8-K and incorporate by reference in this prospectus supplement and the accompanying base prospectus, each of the underwriters named below has severally agreed to purchase from us the respective number of common units set forth opposite its name:

Underwriters	Number of Common Units
UBS Securities LLC	3,125,750
Mizuho Securities USA LLC	2,500,000
Wells Fargo Securities, LLC	2,500,000
J.P. Morgan Securities LLC	1,125,000
Merrill Lynch, Pierce, Fenner & Smith Incorporated	1,125,000
RBC Capital Markets, LLC	1,125,000
BNP Paribas Securities Corp.	142,750
DNB Markets, Inc.	142,750
MUFG Securities Americas Inc.	142,750
PNC Capital Markets LLC	142,750
Scotia Capital (USA) Inc.	142,750
SMBC Nikko Securities America, Inc.	142,750
SunTrust Robinson Humphrey, Inc.	142,750
Total	12,500,000

The underwriting agreement provides that the underwriters' obligation to purchase the common units offered hereby (other than those common units covered by their option to purchase additional common units as described below) depends on the satisfaction of the conditions contained in the underwriting agreement, including:

- the representations and warranties made by us to the underwriters are true;
- there is no material change in our business or in the financial markets; and

- we deliver customary closing documents to the underwriters.

Commissions and Expenses

The underwriters may receive from purchasers of our common units normal brokerage commissions in amounts agreed with such purchasers. The underwriters may offer our common units from time to time for sale in one or more transactions on the NYSE, in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices, subject to receipt and acceptance by them and subject to their right to reject any order in whole or in part. In connection with the sale of the common units offered hereby, the underwriters may be deemed to have received compensation in the form of underwriting discounts. The underwriters may effect such transactions by selling our common units to or through dealers, and such dealers may receive compensation in the form of discounts, concessions or commissions from either or both of the underwriters and purchasers of our common units for whom they may act as agents or to whom they may sell as principal.

S-17

Table of Contents

William E. Greehey, the Chairman of the Board of Directors of NuStar GP, LLC, expects to purchase up to \$15 million aggregate purchase price of common units in this offering directly from the underwriters. Other members of the Board of Directors of NuStar GP, LLC may purchase common units directly from the underwriters. The underwriters will receive no underwriting discount or commission on the sale of these common units to Mr. Greehey or any other member of the Board of Directors of NuStar GP, LLC.

The expenses of the offering that are payable by us are estimated to be \$300,000.

Option to Purchase Additional Common Units

We have granted the underwriters an option exercisable for 30 days after the date of the underwriting agreement, to purchase, from time to time, in whole or in part, up to an aggregate of 1,875,000 common units at the public offering price less underwriting discounts and commissions. This option may be exercised if the underwriters sell more than 12,500,000 common units in connection with this offering. To the extent that this option is exercised, each underwriter will be obligated, subject to certain conditions, to purchase its pro rata portion of these additional common units based on the underwriter's percentage underwriting commitment in the offering as indicated in the table above.

Lock-up Agreement

We, our general partner and certain of its affiliates, including the directors and executive officers of NuStar GP, LLC, have agreed not to, without the prior written consent of UBS Securities LLC, (i) offer for sale, sell, pledge, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, or otherwise transfer or dispose of, directly or indirectly, any common units or any securities which may be converted into or exercised or exchanged for any common units, (ii) enter into any swap or other arrangement that transfers, in whole or in part, any of the economic consequences of ownership of the common units, (iii) file any registration statement relating to the registration of any common units or securities convertible or exchangeable into common units, or (iv) publicly disclose the intention to do any of these actions for a period of 45 days from the date of this prospectus supplement. The restrictions in this paragraph do not apply to the issuance by us of common units in connection with this offering, issuances of common units, or securities convertible into or exercisable or exchangeable for common units, pursuant to our incentive plans, sales of common units to satisfy tax withholding obligations under our incentive plans and transfers of common units as bona fide gifts by the directors and executive officers of NuStar GP, LLC. These limitations also do not apply to any issuances of preferred units in connection with a Supplemental Financing. See Summary Recent Developments Navigator Energy Acquisition Supplemental Financings.

UBS Securities LLC, in its sole discretion, may release any of the Lock-up Securities in whole or in part at any time with or without notice. UBS Securities LLC has no present intent or arrangement to release any of the Lock-up Securities. The release of any lock-up is considered on a case-by-case basis. Factors that will be considered in deciding whether to release Lock-up Securities may include the length of time before the lock-up period expires, the number of Lock-up Securities involved, the reason for the requested release, market conditions, the trading price of the Lock-up Securities and the historical trading volume of the Lock-up Securities.

Listing

The common units are traded on the New York Stock Exchange under the symbol NS.

S-18

Table of Contents

Indemnification

We have agreed to indemnify the underwriters against certain liabilities, including liabilities under the Securities Act of 1933, as amended (the Securities Act), and to contribute to payments that the underwriters may be required to make for these liabilities.

Stabilization and Short Positions

The underwriters may engage in stabilizing transactions, short sales and purchases to cover positions created by short sales in accordance with Regulation M under the Securities Exchange Act of 1934, as amended (the Exchange Act):

- Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum.
- A short position involves a sale by the underwriters of common units in excess of the number of common units the underwriters are obligated to purchase in the offering, which creates the syndicate short position. This short position may be either a covered short position or a naked short position. In a covered short position, the number of common units involved in the sales made by the underwriters in excess of the number of common units they are obligated to purchase is not greater than the number of common units that they may purchase by exercising their option to purchase additional common units. In a naked short position, the number of common units involved is greater than the number of common units in their option to purchase additional common units. The underwriters may close out any short position by either exercising their option to purchase additional common units and/or purchasing common units in the open market. In determining the source of common units to close out the short position, the underwriters will consider, among other things, the price of common units available for purchase in the open market as compared to the price at which they may purchase common units through their option to purchase additional common units. A naked short position is more likely to be created if the underwriters are concerned that there could be downward pressure on the price of the common units in the open market after pricing that could adversely affect investors who purchase in the offering.
- Syndicate covering transactions involve purchases of common units in the open market after the initial distribution of the common units has been completed in order to cover syndicate short positions.
- These stabilizing transactions and syndicate covering transactions may have the effect of raising or maintaining the market price of our common units or preventing or retarding a decline in the market price of the common units. As a result, the price of the common units may be higher than the price that might otherwise exist in the open market. These transactions may be effected on the NYSE or otherwise and, if commenced, may be discontinued at any time.

Neither we nor any of the underwriters make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of the common units. In addition, neither we nor any of the underwriters make any representation that the underwriters will engage in these stabilizing transactions or that any transaction, once commenced, will not be discontinued without notice.

Electronic Distribution

This prospectus supplement and the accompanying base prospectus in electronic format may be made available on Internet sites or through other online services maintained by one or more of the underwriters

Table of Contents

participating in this offering, or by their affiliates. In those cases, prospective investors may view offering terms online and, depending upon the particular underwriter, prospective investors may be allowed to place orders online. The underwriters may agree with us to allocate a specific number of common units for sale to online brokerage account holders. Any such allocation for online distributions will be made by UBS Securities LLC on the same basis as other allocations.

Other than the prospectus supplement and the accompanying base prospectus in electronic format, the information on any underwriter's website and any information contained in any other website maintained by an underwriter is not part of the prospectus or the registration statement of which this prospectus supplement and the accompanying base prospectus forms a part, has not been approved and/or endorsed by us or any underwriter in its capacity as an underwriter and should not be relied upon by investors.

Other Relationships

Certain of the underwriters and their related entities have engaged, and may in the future engage, in commercial and investment banking transactions with us in the ordinary course of their business. They have received, and expect to receive, customary compensation and expense reimbursement for these commercial and investment banking transactions. Affiliates of certain of the underwriters are lenders under our revolving credit agreement and, accordingly, may receive a portion of the net proceeds from this offering. In addition, certain affiliates of the underwriters are lenders under our revolving credit agreement and have also served additional roles under that agreement, such as administrative agent, bookrunner, lead arranger, documentation agent and syndication agent, for which they have received customary fees and reimbursement of expenses.

In the ordinary course of their business activities, the underwriters and their affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. If any of the underwriters or their affiliates have a lending relationship with us, certain of those underwriters or their affiliates routinely hedge, and certain other of those underwriters or their affiliates may hedge, their credit exposure to us consistent with their customary risk management policies. Typically, these underwriters and their affiliates would hedge such exposure by entering into transactions which consist of either the purchase of credit default swaps or the creation of short positions in our securities. The underwriters and their affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Direct Participation Plan Requirements

Because the Financial Industry Regulatory Authority, or FINRA, views the common units offered hereby as interests in a direct participation program, the offering is being made in compliance with FINRA Rule 2310. Investor suitability with respect to the common units should be judged similarly to the suitability with respect to other securities that are listed for trading on a national securities exchange.

S-20

Table of Contents

Selling Restrictions

This prospectus does not constitute an offer to sell to, or a solicitation of an offer to buy from, anyone in any country or jurisdiction (i) in which such an offer or solicitation is not authorized, (ii) in which any person making such offer or solicitation is not qualified to do so or (iii) in which any such offer or solicitation would otherwise be unlawful. No action has been taken that would, or is intended to, permit a public offer of our common units or possession or distribution of this prospectus or any other offering or publicity material relating to our common units in any country or jurisdiction (other than the United States) where any such action for that purpose is required. Accordingly, each underwriter has undertaken that it will not, directly or indirectly, offer or sell any common units or have in its possession, distribute or publish any prospectus, form of application, advertisement or other document or information in any country or jurisdiction except under circumstances that will, to the best of its knowledge and belief, result in compliance with any applicable laws and regulations and all offers and sales of common units by it will be made on the same terms.

Notice to Prospective Investors in Hong Kong

Our common units may not be offered or sold in Hong Kong by means of this prospectus supplement or any other document other than to (a) professional investors as defined in the Securities and Futures Ordinance of Hong Kong (Cap. 571, Laws of Hong Kong) (SFO) and any rules made under the SFO or (b) in other circumstances which do not result in this prospectus supplement being deemed to be a prospectus, as defined in the Companies Ordinance of Hong Kong (Cap. 32, Laws of Hong Kong) (CO), or which do not constitute an offer to the public within the meaning of the CO or the SFO; and no person has issued or had in possession for the purposes of issue, or will issue or has in possession for the purposes of issue, whether in Hong Kong or elsewhere, any advertisement, invitation or document relating to our common units which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to our common units which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors as defined in the SFO.

Notice to Prospective Investors in Singapore

This prospectus supplement has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the common units may not be circulated or distributed, nor may the common units be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the common units are subscribed or purchased under Section 275 by a relevant person which is: (a) a corporation (which is not an accredited investor) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the

trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary is an accredited investor, units, debentures and debentures of that

S-21

Table of Contents

corporation or the beneficiaries' rights and interest in that trust shall not be transferable for six (6) months after that corporation or that trust has acquired the common units under Section 275 except: (1) to an institutional investor under Section 274 of the SFA or to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA; (2) where no consideration is given for the transfer; or (3) by operation of law.

Notice to Prospective Investors in Canada

This document constitutes an exempt offering document as defined in and for the purposes of applicable Canadian securities laws. No prospectus has been filed with any securities commission or similar regulatory authority in Canada in connection with the offer and sale of our common units. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon this document or on the merits of our common units and any representation to the contrary is an offence.

Canadian investors are advised that this document has been prepared in reliance on section 3A.3 of National Instrument 33-105 Underwriting Conflicts (NI 33-105). Pursuant to section 3A.3 of NI 33-105, this document is exempt from the requirement to provide investors with certain conflicts of interest disclosure pertaining to connected issuer and/or related issuer relationships as would otherwise be required pursuant to subsection 2.1(1) of NI 33-105.

Resale Restrictions

The distribution of our common units in Canada is being made only in the provinces of Ontario, Quebec, Alberta and British Columbia on a private placement basis exempt from the requirement that we prepare and file a prospectus with the securities regulatory authorities in each province where trades of these securities are made. Any resale of our common units in Canada must be made under applicable securities laws which may vary depending on the relevant jurisdiction, and which may require resales to be made under available statutory exemptions or under a discretionary exemption granted by the applicable Canadian securities regulatory authority. Purchasers are advised to seek legal advice prior to any resale of the securities.

Representations of Canadian Purchasers

By purchasing our common units in Canada and accepting delivery of a purchase confirmation, a purchaser is representing to us and the dealer from whom the purchase confirmation is received that:

- the purchaser is entitled under applicable provincial securities laws to purchase our common units without the benefit of a prospectus qualified under those securities laws as it is an accredited investor as defined under National Instrument 45-106 Prospectus Exemptions and, if resident in Ontario, subsection 73.3(1) of the Securities Act (Ontario),

Edgar Filing: NuStar Energy L.P. - Form 424B5

- the purchaser is a permitted client as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations,
- where required by law, the purchaser is purchasing as principal and not as agent, and
- the purchaser has reviewed the text above under Resale Restrictions.

S-22

Table of Contents

Conflicts of Interest

Canadian purchasers are hereby notified that the underwriters named herein are relying on the exemption set out in section 3A.3 or 3A.4, if applicable, of National Instrument 33-105 Underwriting Conflicts from having to provide certain conflict of interest disclosure in this document.

Statutory Rights of Action

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if the offering memorandum (including any amendment thereto) such as this document contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser of these securities in Canada should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Enforcement of Legal Rights

All of our directors and officers as well as the experts named herein may be located outside of Canada and, as a result, it may not be possible for Canadian purchasers to effect service of process within Canada upon us or those persons. All or a substantial portion of our assets and the assets of those persons may be located outside of Canada and, as a result, it may not be possible to satisfy a judgment against us or those persons in Canada or to enforce a judgment obtained in Canadian courts against us or those persons outside of Canada.

Taxation and Eligibility for Investment

Canadian purchasers of our common units should consult their own legal and tax advisors with respect to the tax consequences of an investment in our common units in their particular circumstances and about the eligibility of our common units for investment by the purchaser under relevant Canadian legislation.

Language of Documents

Upon receipt of this document, each Canadian investor hereby confirms that it has expressly requested that all documents evidencing or relating in any way to the sale of our common units described herein (including for greater certainty any purchase confirmation or any notice) be drawn up in the English language only. Par la réception de ce document, chaque investisseur canadien confirme par les présentes qu'il a expressément exigé que tous les documents faisant foi ou se rapportant de quelque manière que ce soit à la vente des valeurs mobilières décrites aux présentes (incluant, pour plus de certitude, toute confirmation d'achat ou tout avis) soient rédigés en anglais seulement.

Table of Contents

Legal matters

The validity of the common units will be passed upon for us by Andrews Kurth Kenyon LLP, Houston, Texas. Certain legal matters in connection with the common units offered hereby will be passed upon for the underwriters by Baker Botts L.L.P., Houston, Texas.

Experts

The consolidated financial statements of NuStar Energy L.P. as of December 31, 2016 and 2015, and for each of the years in the three-year period ended December 31, 2016, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2016 have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

Where you can find more information

NuStar Energy has filed a registration statement with the SEC under the Securities Act that registers the offer and sale of the common units covered by this prospectus supplement. The registration statement, including the attached exhibits, contains additional relevant information about us. In addition, NuStar Energy files annual, quarterly and other reports and other information with the SEC. You may read and copy any document NuStar Energy files with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the SEC's Public Reference Room. The SEC maintains an Internet site that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC. NuStar Energy's SEC filings are available on the SEC's website at <http://www.sec.gov>.

The SEC allows us to incorporate by reference information into this prospectus supplement. This means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus supplement, and information that we file later with the SEC will automatically update and supersede the previously filed information. We incorporate by reference the documents listed below and any future filings made by NuStar Energy with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, other than any portions of the respective filings that are deemed furnished and not filed with the SEC on a Current Report on Form 8-K (including exhibits related thereto) or other applicable SEC rules prior to the termination of the offering under this prospectus supplement.

- Annual Report on Form 10-K (File No. 001-16417) for the year ended December 31, 2016, filed on February 23, 2017;
- Current Report on Form 8-K (File No. 001-16417) filed on April 11, 2017;

- the description of our common units contained in our registration statement on Form 8-A (File No. 001-16417) filed on March 30, 2001; and
- the description of our Series A Preferred Units contained in our registration statement on Form 8-A (File No. 001-16417), filed on November 25, 2016.

S-24

Table of Contents

Each of these documents is available from the SEC's website and public reference rooms described above. Through our website at <http://www.nustarenergy.com>, you can access electronic copies of documents NuStar Energy files with the SEC, including our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K and any amendments to those reports. Information on NuStar Energy's website is not incorporated by reference in this prospectus supplement. Access to those electronic filings is available as soon as practical after filing with the SEC. You may also request a copy of those filings, excluding exhibits, at no cost by writing or telephoning Investor Relations, NuStar Energy L.P., at our principal executive office, which is: 19003 IH-10 West, San Antonio, Texas 78257; Telephone (210) 918-2000.

Forward-looking statements and associated risks

Some of the information contained in or incorporated by reference in this prospectus may contain forward-looking statements. These statements can be identified by the use of forward-looking terminology including may, believe, will, could, should, expect, anticipate, estimate, continue, plan, intend, preliminary, forecast, budget, other similar words. These statements discuss future expectations, contain projections of results of operations or of financial condition, or state other forward-looking information. These forward-looking statements involve risks and uncertainties. When considering these forward-looking statements, you should keep in mind the risk factors and other cautionary statements in this prospectus or incorporated by reference herein, including those described in the Risk Factors section of our most recent Annual Report on Form 10-K and our Current Reports on Form 8-K. The risk factors and other factors noted in this prospectus or incorporated by reference herein could cause our actual results to differ materially from those contained in any forward-looking statement. Investors are cautioned that certain statements contained in or incorporated by reference in this prospectus as well as some statements in periodic press releases and some oral statements made by our officers and our subsidiaries during presentations about us are forward-looking statements. Forward-looking statements are based on current expectations and projections about future events and are inherently subject to a variety of risks and uncertainties, many of which are beyond our control, that could cause actual results to differ materially from those anticipated or projected. You are cautioned not to place undue reliance on such forward-looking statements.

Forward-looking statements speak only as of the date of this prospectus or, in the case of forward-looking statements contained in any document incorporated by reference, the date of such accompanying document and we expressly disclaim any obligation or undertaking to update these statements to reflect any change in our expectations or beliefs or any change in events, conditions or circumstances on which any forward-looking statement is based unless we are required by securities laws to do so.

Table of Contents

PROSPECTUS

NUSTAR ENERGY L.P.

Common Units Representing Limited Partner Interests

Preferred Units Representing Limited Partner Interests

NUSTAR LOGISTICS, L.P.

Debt Securities

NuStar Energy L.P. may, in one or more offerings, offer and sell common and preferred units representing limited partner interests in NuStar Energy L.P. NuStar Energy L.P. common units are listed for trading on the New York Stock Exchange under the symbol NS.

NuStar Logistics, L.P. may, in one or more offerings, offer and sell its debt securities, which will be fully and unconditionally guaranteed by NuStar Energy L.P. and NuStar Pipeline Operating Partnership L.P.

We will provide information in the related prospectus supplement for the trading market, if any, for any preferred units NuStar Energy L.P. may offer or debt securities NuStar Logistics, L.P. may offer.

We will offer the securities in amounts and at prices and on terms to be determined by market conditions and other factors at the time of our offerings. This prospectus describes only the general terms of these securities and the general manner in which we will offer the securities. The specific terms of any securities we offer will be included in a supplement to this prospectus. The prospectus supplement will describe the specific manner in which we will offer the securities, and also may add, update or change information contained in this prospectus.

You should read this prospectus and the applicable prospectus supplement and the documents incorporated by reference herein and therein carefully before you invest in our securities. This prospectus may not be used to consummate sales of securities unless accompanied by a prospectus supplement.

Investing in our securities involves a high degree of risk. Limited partnerships are inherently different from corporations. For a discussion of the factors you should consider before deciding to purchase our securities, please see Risk Factors, beginning on page 4 of this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is June 30, 2016.

Table of Contents

TABLE OF CONTENTS

<u>ABOUT THIS PROSPECTUS</u>	1
<u>ABOUT US</u>	1
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	2
<u>INCORPORATION BY REFERENCE</u>	2
<u>RISK FACTORS</u>	4
<u>FORWARD-LOOKING STATEMENTS AND ASSOCIATED RISKS</u>	5
<u>RATIO OF EARNINGS TO FIXED CHARGES</u>	6
<u>USE OF PROCEEDS</u>	6
<u>DESCRIPTION OF NUSTAR ENERGY COMMON UNITS</u>	7
<u>DESCRIPTION OF NUSTAR ENERGY PREFERRED UNITS</u>	8
<u>CASH DISTRIBUTIONS</u>	9
<u>THE PARTNERSHIP AGREEMENT</u>	14
<u>CONFLICTS OF INTEREST AND FIDUCIARY RESPONSIBILITIES</u>	24
<u>DESCRIPTION OF NUSTAR LOGISTICS DEBT SECURITIES</u>	28
<u>BOOK-ENTRY SECURITIES</u>	39
<u>MATERIAL TAX CONSEQUENCES</u>	41
<u>INVESTMENT IN NUSTAR ENERGY BY EMPLOYEE BENEFIT PLANS</u>	57
<u>LEGAL MATTERS</u>	59
<u>EXPERTS</u>	59

You should rely only on the information contained in this prospectus, any prospectus supplement and the documents we have incorporated by reference. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in this prospectus or any prospectus supplement, as well as the information we previously filed with the Securities and Exchange Commission that is incorporated by reference herein, is accurate as of any date other than its respective date.

Table of Contents

ABOUT THIS PROSPECTUS

The information contained in this prospectus is not complete and may be changed. You should rely only on the information provided in or incorporated by reference in this prospectus, any prospectus supplement, or documents to which we otherwise refer you. We have not authorized anyone else to provide you with different information. We are not making an offer of any securities in any jurisdiction where the offer is not permitted. You should not assume that the information in this prospectus, any prospectus supplement or any document incorporated by reference is accurate as of any date other than the date of the document in which such information is contained or such other date referred to in such document, regardless of the time of any sale or issuance of a security.

This prospectus is part of a registration statement that we have filed with the Securities and Exchange Commission, or SEC, utilizing a shelf registration process. Under this shelf registration process, we may, over time, offer and sell any combination of the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering and the securities offered by us in that offering. The prospectus supplement may also add, update or change information in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described under the headings *Where You Can Find More Information* and *Incorporation by Reference*.

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by reference to the actual documents. Copies of some of the documents referred to herein have been filed or will be filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below in the section entitled *Where You Can Find More Information*.

In this prospectus, references to *NuStar Energy*, *we*, *us* and *our* mean NuStar Energy L.P., one or more of our consolidated subsidiaries or all of them taken as a whole, unless otherwise noted. References to *NuStar Logistics* mean NuStar Logistics, L.P. References to *NuPOP* mean NuStar Pipeline Operating Partnership L.P.

ABOUT US

NuStar Energy is a publicly held Delaware limited partnership engaged in the transportation of petroleum products and anhydrous ammonia, the terminalling and storage of petroleum products and the marketing of petroleum products. We conduct substantially all of our business through our wholly owned operating subsidiaries, NuStar Logistics and NuPOP, and their respective subsidiaries.

Our operations are managed by NuStar GP, LLC, the general partner of Riverwalk Logistics, L.P., our general partner. NuStar GP, LLC is a wholly owned subsidiary of NuStar GP Holdings, LLC, a publicly traded limited liability company (NYSE: NSH).

Our principal executive offices are located at 19003 IH-10 West, San Antonio, Texas 78257, and our telephone number is (210) 918-2000.

Table of Contents

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act of 1933, as amended (the Securities Act of 1933), regarding the securities offered hereby. This prospectus does not contain all of the information found in the registration statement. For further information regarding us and the securities offered by this prospectus, you may desire to review the full registration statement, including its exhibits and schedules, filed under the Securities Act of 1933. The registration statement of which this prospectus forms a part, including its exhibits and schedules, may be inspected and copied at the public reference room maintained by the SEC at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. Copies of the materials may also be obtained from the SEC at prescribed rates by writing to the public reference room maintained by the SEC at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330.

The SEC maintains a website on the internet at <http://www.sec.gov>. Our registration statement, of which this prospectus constitutes a part, can be downloaded from the SEC's website.

You should rely only on the information contained in this prospectus, any prospectus supplement and the documents incorporated by reference herein and therein. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where an offer or sale is not permitted. You should assume that the information appearing in this prospectus is accurate as of the date on the front cover of this prospectus only. Our business, financial condition, results of operations and prospects may have changed since that date.

We file with or furnish to the SEC periodic reports and other information. These reports and other information may be inspected and copied at the public reference facilities maintained by the SEC or obtained from the SEC's website as provided above. NuStar Energy's website is located at <http://www.nustarenergy.com> and NuStar Energy makes its periodic reports and other information filed with or furnished to the SEC available, free of charge, through its website, as soon as reasonably practicable after those reports and other information are electronically filed with or furnished to the SEC. Information on NuStar Energy's website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

INCORPORATION BY REFERENCE

The SEC allows us to incorporate by reference information into this document. This means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede the previously filed information. We incorporate by reference the documents filed by NuStar Energy that are listed below and any future filings made by NuStar Energy with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the Securities Act of 1934), excluding information deemed to be furnished and not filed with the SEC, until all the securities are sold, prior to the termination of the offerings under this prospectus:

Registration Statement on Form 8-A (File No. 001-16417) filed on March 30, 2001;

Edgar Filing: NuStar Energy L.P. - Form 424B5

Annual Report on Form 10-K (File No. 001-16417) for the year ended December 31, 2015, filed on February 25, 2016;

Quarterly Report on Form 10-Q (File No. 001-16417) for the quarter ended March 31, 2016, filed on May 5, 2016; and

Current Reports on Form 8-K (File No. 001-16417) filed on January 27, 2016, January 29, 2016, February 29, 2016 and March 1, 2016.

Table of Contents

Each of these documents is available from the SEC's website and public reference rooms described above. Through our website, <http://www.nustarenergy.com>, you can access electronic copies of documents we file with the SEC, including our annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K and any amendments to those reports. Information on our website is not incorporated by reference in this prospectus. Access to those electronic filings is available as soon as practicable after filing with the SEC. You may also request a copy of those filings, excluding exhibits, at no cost by writing or telephoning Investor Relations, NuStar Energy L.P., at our principal executive office, which is: 19003 IH-10 West, San Antonio, Texas 78257; Telephone (210) 918-2000.

Table of Contents

RISK FACTORS

Limited partner interests are inherently different from the capital stock of a corporation, although many of the business risks to which we are subject are similar to those that would be faced by a corporation engaged in a similar business. Before you invest in our securities, you should carefully consider the risk factors included in our most recent annual report on Form 10-K, in our quarterly reports on Form 10-Q and in our current reports on Form 8-K that are incorporated herein by reference and those that may be included in the applicable prospectus supplement, together with all of the other information included in this prospectus, any prospectus supplement and the documents we incorporate by reference.

If any of the risks discussed in the foregoing documents were actually to occur, our business, financial condition, results of operations, or cash flow could be materially adversely affected. In that case, our ability to make distributions to our unitholders or pay interest on, or the principal of, any debt securities, may be reduced, the trading price of our securities could decline and you could lose all or part of your investment.

Table of Contents

FORWARD-LOOKING STATEMENTS AND ASSOCIATED RISKS

Some of the information contained in or incorporated by reference in this prospectus may contain forward-looking statements. These statements can be identified by the use of forward-looking terminology including may, believe, will, could, should, expect, anticipate, estimate, continue, plan, intend, forecast, budget, project, p words. These statements discuss future expectations, contain projections of results of operations or of financial condition, or state other forward-looking information. These forward-looking statements involve risks and uncertainties. When considering these forward-looking statements, you should keep in mind the risk factors and other cautionary statements in this prospectus, any accompanying prospectus supplement or incorporated by reference herein or therein, including those described in the Risk Factors section of our most recent annual report on Form 10-K and, to the extent applicable, our quarterly reports on Form 10-Q, our current reports on Form 8-K and any prospectus supplement. The risk factors and other factors noted in this prospectus, any accompanying prospectus supplement or incorporated by reference herein or therein could cause our actual results to differ materially from those contained in any forward-looking statement. Investors are cautioned that certain statements contained in or incorporated by reference in this prospectus or any accompanying prospectus supplement as well as some statements in periodic press releases and some oral statements made by our officials and our subsidiaries during presentations about us are forward-looking statements. Forward-looking statements are based on current expectations and projections about future events and are inherently subject to a variety of risks and uncertainties, many of which are beyond our control, that could cause actual results to differ materially from those anticipated or projected. You are cautioned not to place undue reliance on such forward-looking statements.

Forward-looking statements speak only as of the date of this prospectus or, in the case of forward-looking statements contained in any accompanying prospectus supplement or document incorporated by reference, the date of such accompanying prospectus supplement or document and we expressly disclaim any obligation or undertaking to update these statements to reflect any change in our expectations or beliefs or any change in events, conditions or circumstances on which any forward-looking statement is based.

Table of Contents**RATIO OF EARNINGS TO FIXED CHARGES**

The following table sets forth our ratios of earnings to fixed charges for the periods indicated.

	Fiscal Years					Three Months Ended March 31,
	2011	2012	2013	2014	2015	2016
Ratio of earnings to fixed charges	3.1x	*	**	2.5x	3.1x	2.6x

* For the year ended December 31, 2012, earnings were insufficient to cover fixed charges by \$132.5 million. The deficiency included the effect of \$271.8 million of impairment losses mainly resulting from the write-down of the carrying value of our long-lived assets related to our asphalt operations, including fixed assets, goodwill, intangible assets and other long-term assets.

** For the year ended December 31, 2013, earnings were insufficient to cover fixed charges by \$128.1 million. The deficiency included a goodwill impairment loss of \$304.5 million related to the Statia terminals reporting unit.

For purposes of calculating the ratio of earnings to fixed charges:

fixed charges represent interest expense (including amounts capitalized) and amortization of debt costs and the portion of rental expense representing the interest factor; and

earnings represent the aggregate of pre-tax income from continuing operations (before adjustment for non-controlling interests and income from equity investees), fixed charges, amortization of capitalized interest and distributions from equity investees, less capitalized interest.

USE OF PROCEEDS

Unless otherwise indicated in an accompanying prospectus supplement, NuStar Energy and NuStar Logistics expect to use the net proceeds from the sale of securities hereby for general partnership purposes, which may include, among other things:

the repayment of outstanding indebtedness;

working capital;

capital expenditures; and

acquisitions.

The actual application of proceeds we receive from the sale of any particular offering of securities using this prospectus will be described in the applicable prospectus supplement relating to such offering.

Table of Contents

DESCRIPTION OF NUSTAR ENERGY COMMON UNITS

Number of Common Units

As of May 31, 2016, we had 77,886,303 common units outstanding, of which 13,471,535 were held by affiliates of our general partner (including 2,989,990 common units held by William E. Greehey, the Chairman of NuStar GP, LLC, the general partner of our general partner). The common units represent an aggregate 98% limited partner interest in NuStar Energy and the general partner holds a 2% general partner interest in NuStar Energy.

Under the partnership agreement, there is no restriction on the ability of the general partner to cause us to issue common units or other partnership securities junior or senior to the common units.

Voting

Each holder of common units is entitled to one vote for each common unit on all matters submitted to a vote of the unitholders; provided that, if at any time any person or group, except our general partner, owns beneficially 20% or more of all common units, the common units so owned may not be voted on any matter and may not be considered to be outstanding when sending notices of a meeting of unitholders (unless otherwise required by law), calculating required votes, determining the presence of a quorum or for other similar purposes under the partnership agreement.

Removal of our general partner requires:

a vote of not less than a majority of all outstanding common units, excluding the common units held by affiliates of our general partner; and

the election of a successor general partner by the holders of a majority of the outstanding common units, excluding the common units held by affiliates of our general partner.

Listing

Our outstanding common units are listed on The New York Stock Exchange (NYSE) under the symbol NS. Any additional common units we issue will also be listed on the NYSE.

Transfer Agent and Registrar

Our transfer agent and registrar for the common units is Computershare Trust Company, N.A.

Table of Contents

DESCRIPTION OF NUSTAR ENERGY PREFERRED UNITS

The partnership agreement authorizes us to issue an unlimited number of additional partnership securities on the terms and conditions established by our general partner without the approval of any of our limited partners. In accordance with Delaware law and the provisions of the partnership agreement, we may issue additional partnership securities that have special voting rights to which our common units are not entitled. As of the date of this prospectus, we have no preferred units outstanding.

Should we offer preferred units under this prospectus, a prospectus supplement relating to the particular series of preferred units offered will include the specific terms of those preferred units, including, among other things, the following:

the designation, stated value and liquidation preference of the preferred units and the number of preferred units offered;

the initial public offering price at which the preferred units will be issued;

any conversion or exchange provisions of the preferred units;

any redemption or sinking fund provisions of the preferred units;

the distribution rights of the preferred units, if any;

a discussion of any additional material federal income tax considerations regarding the preferred units; and

any additional rights, preferences, privileges, limitations and restrictions of the preferred units.

Table of Contents

CASH DISTRIBUTIONS

Distributions of Available Cash

General

Within 45 days after the end of each quarter, NuStar Energy will distribute all of its available cash to its partners of record on the applicable record date.

Definition of Available Cash

Available cash is defined in NuStar Energy's partnership agreement and generally means, with respect to any fiscal quarter, the sum of all cash and cash equivalents on hand at the end of such quarter, plus any working capital borrowings made subsequent to the end of such quarter, less the amount of any cash reserves that NuStar Energy's general partner deems necessary or appropriate to:

provide for the proper conduct of NuStar Energy's business, including reserves for future capital expenditures and anticipated credit needs;

comply with applicable law or any debt instrument or other agreement or obligation; or

provide funds for distributions with respect to any one or more of the next four fiscal quarters.

Intent to Distribute the Minimum Quarterly Distribution

NuStar Energy's policy is, to the extent it has sufficient available cash from operating surplus, as defined below, to distribute to each common unit at least the minimum quarterly distribution of \$0.60 per quarter or \$2.40 per year. However, there is no guarantee that NuStar Energy will pay the minimum quarterly distribution on the common units in any quarter and NuStar Energy may be prohibited from making any distributions to unitholders if it would cause an event of default under the terms of NuStar Energy's indebtedness.

Operating Surplus and Capital Surplus

General

Cash distributions are characterized as distributions from either operating surplus or capital surplus. NuStar Energy distributes available cash from operating surplus differently than available cash from capital surplus.

Definition of Operating Surplus

Operating surplus is defined in NuStar Energy's partnership agreement and generally means, with respect to any period ending prior to the dissolution of NuStar Energy:

Edgar Filing: NuStar Energy L.P. - Form 424B5

\$10 million plus all cash and cash equivalents on hand as of the close of business on April 16, 2001, the closing date of its initial public offering of its common units;

plus all cash receipts since April 16, 2001, other than from interim capital transactions such as borrowings that are not working capital borrowings, sales of equity interests and debt securities and sales or other dispositions of assets for cash, other than inventory, accounts receivable and other assets sold in the ordinary course of business or as part of normal retirements or replacements of assets;

plus all cash receipts resulting from working capital borrowings after the end of such period but on or before the date of determination of the operating surplus for such period;

less all operating expenditures since April 16, 2001; and

less the amount of cash reserves that NuStar Energy's general partner deems necessary or advisable to provide funds for future operating expenditures.

Table of Contents

Definition of Capital Surplus

Capital surplus of NuStar Energy will generally be generated only by:

borrowings other than working capital borrowings;

sales of debt and equity securities; and

sales or other dispositions of assets for cash, other than inventory, accounts receivable and other current assets sold in the ordinary course of business or as part of normal retirements or replacements of assets.

Characterization of Cash Distributions

To avoid the difficulty of trying to determine whether the available cash that NuStar Energy distributes is from operating surplus or from capital surplus, all available cash that NuStar Energy distributes on any date from any source is treated as a distribution of cash from operating surplus until the sum of all available cash theretofore distributed equals the operating surplus calculated as of the end of the fiscal quarter with respect to which such distribution is being made. Any remaining amounts of available cash distributed on such date will be treated as cash from capital surplus and will be distributed accordingly.

If at any time (i) a hypothetical holder of a common unit acquired on April 16, 2001 has received distributions of available cash from capital surplus in an aggregate amount equal to the \$24.50 initial public offering price of the common units, and (ii) each common unit then outstanding has received an amount equal to any cumulative arrearage existing with respect to the common units, then the distinction between operating surplus and capital surplus will cease, and all subsequent distributions of available cash will be treated as distributions of cash from operating surplus and will be distributed accordingly. To date there have been no distributions from capital surplus, and NuStar Energy does not anticipate that there will be significant distributions from capital surplus in the future.

Distributions of Available Cash from Operating Surplus

NuStar Energy will make distributions of available cash from operating surplus as follows:

first, 98% to the common unitholders, pro rata, and 2% to the general partner, until NuStar Energy has distributed for each outstanding common unit an amount equal to the minimum quarterly distribution of \$0.60 for that quarter;

second, 90% to all common unitholders, pro rata, 8% to the holders of the incentive distribution rights, and 2% to the general partner, until NuStar Energy has distributed with respect to each common unit then outstanding an amount equal to the excess of the first target distribution (\$0.66 per common unit) over the minimum quarterly distribution; and

thereafter, 75% to all common unitholders, pro rata, 23% to the holders of the incentive distribution rights, and 2% to the general partner.

If the minimum quarterly distribution and the first target distribution have been reduced to zero under the terms of the partnership agreement, then any distribution of available cash from operating surplus will be made solely in accordance with the final bullet point above.

The minimum quarterly distribution and the first target distribution are subject to adjustment as described below in Adjustment of the Minimum Quarterly Distribution and Target Distribution Levels.

Table of Contents

Distributions of Available Cash from Capital Surplus

How Distributions from Capital Surplus are Made

NuStar Energy makes distributions of available cash from capital surplus in the following manner:

first, 98% to all common unitholders, pro rata, and 2% to the general partner, until a hypothetical holder of a common unit acquired on April 16, 2001 has received an aggregate amount equal to the \$24.50 initial public offering price of the common units;

second, 98% to the common unitholders, pro rata, and 2% to the general partner, until there has been distributed with respect to each common unit then outstanding an amount equal to any cumulative arrearage existing with respect to the common units; and

thereafter, all distributions of available cash from capital surplus will be distributed as if they were from operating surplus.

Effect of a Distribution from Capital Surplus

NuStar Energy's partnership agreement treats a distribution of cash from capital surplus on a common unit as the repayment of the initial public offering price of such common unit, which is a return of capital. The initial public offering price less any distributions of cash from capital surplus per common unit is referred to as "unrecovered initial unit price" or "unrecovered capital." Each time a distribution of cash from capital surplus is made on a common unit, the minimum quarterly distribution and the first target distribution for all common units will be reduced in the same proportion as the corresponding reduction in the unrecovered capital. Because distributions of cash from capital surplus will reduce the minimum quarterly distribution, after any of these distributions are made, it may be easier for NuStar Energy's general partner to receive incentive distributions. However, any distribution by NuStar Energy of capital surplus before the unrecovered capital is reduced to zero cannot be applied to the payment of the minimum quarterly distribution or any arrearages.

If at any time NuStar Energy makes a distribution of cash from capital surplus in an amount equal to the then current unrecovered capital, the minimum quarterly distribution and the first target distribution will be reduced to zero. As a result, all future distributions will be made from operating surplus, with 75% being paid to all unitholders, pro rata, 23% to the general partner as the holder of incentive distribution rights, pro rata, and 2% to the general partner.

Incentive Distribution Rights

Incentive distribution rights are non-voting limited partner interests that were issued to NuStar Energy's general partner in connection with the transfer of its general partnership interest in the operating partnership to NuStar Energy. Incentive distribution rights represent the right to receive an increasing percentage of quarterly distributions of available cash from operating surplus after the minimum quarterly distribution has been achieved. The general partner as the holder of incentive distribution rights is paid in the manner described in "Distributions of Available Cash from Operating Surplus" above.

Adjustment of the Minimum Quarterly Distribution and Target Distribution Levels

Edgar Filing: NuStar Energy L.P. - Form 424B5

NuStar Energy's minimum quarterly distribution is \$0.60 per unit, subject to adjustment. NuStar Energy's first target distribution is \$0.66 per unit, subject to adjustment. NuStar Energy has no other target distribution levels.

In addition to reductions of the minimum quarterly distribution and first target distribution level made upon a distribution of available cash from capital surplus, as described above, if NuStar Energy distributes units to its unitholders, combines its units into fewer units or subdivides its units into a greater number of units, NuStar Energy will proportionately adjust:

the minimum quarterly distribution;

the first target distribution level;

Table of Contents

any common unit arrearage;

any cumulative common unit arrearage; and

the unrecovered capital.

For example, in the event of a two-for-one split of the common units (assuming no prior adjustments), the minimum quarterly distribution, the first target distribution level, any common unit arrearage, any cumulative common unit arrearage and the unrecovered capital of the common units would each be reduced to 50% of its initial level.

In addition, if legislation is enacted or if existing law is modified or interpreted in a manner that causes NuStar Energy or NuStar Logistics to become taxable as a corporation or otherwise subject to taxation as an entity for federal, state or local income tax purposes, then NuStar Energy will reduce the then-applicable minimum quarterly distribution and the first target distribution level by multiplying the same by one minus the sum of (a) the highest marginal federal corporate (or other) income tax rate that could apply plus (b) any increase in the effective overall state and local income tax rates. For example, if NuStar Energy became subject to a maximum effective federal, state and local income tax rate of 35%, then the minimum quarterly distribution and the first target distribution level would each be reduced to 65% of their previous levels.

Distributions of Cash Upon Liquidation

If NuStar Energy dissolves in accordance with its partnership agreement, it will sell or otherwise dispose of its assets in a process called a liquidation, and the partner's capital account balances will be adjusted to reflect any resulting gain or loss. NuStar Energy will first apply the proceeds of liquidation to the payment of its creditors (including partners) in the order of priority provided in the partnership agreement and by law and, thereafter, it will distribute any remaining proceeds to its partners in accordance with, and to the extent of, the positive balances in their respective capital accounts, as adjusted. The manner of adjustment of capital accounts is set forth in NuStar Energy's partnership agreement.

Manner of Adjustments for Gain

Upon its liquidation, NuStar Energy will allocate any net gain (or unrealized gain attributable to assets distributed in kind to the partners) in the following manner:

first, to each partner having a negative balance in its capital account, in the proportion that such negative balance bears to the total negative balances of all partners, until each partner has been allocated net gain equal to its negative balance;

second, 98% to the common unitholders, pro rata, and 2% to the general partner, until the capital account for each common unit then outstanding is equal to the sum of:

the unrecovered capital with respect to such common unit;

the amount of any unpaid minimum quarterly distribution for the quarter during which the liquidation occurs; and

the amount of any cumulative arrearage existing with respect to the common units;

third, 90% to all common unitholders, pro rata, 8% to the holders of the incentive distribution rights, pro rata, and 2% to the general partner, until the capital account for each common unit then outstanding is equal to the sum of:

the unrecovered capital with respect to each common unit;

the amount of any unpaid minimum quarterly distribution for the quarter during which the liquidation occurs;

the amount of any cumulative arrearage existing with respect to the common units; and

Table of Contents

the excess of (a) the first target distribution less the minimum quarterly distribution for each quarter of the partnership's existence, over (b) the cumulative per common unit amount of any distributions of available cash from operating surplus that were distributed 90% to all common unitholders, pro rata, 8% to the holders of incentive distribution rights, pro rata, and 2% to the general partner; and

thereafter, 75% to all common unitholders, pro rata, 23% to the holders of incentive distribution rights, pro rata, and 2% to the general partner.

Manner of Adjustments for Losses

Upon its liquidation, NuStar Energy will allocate any loss in the following manner:

first, 98% to the common unitholders, pro rata, and 2% to the general partner, until the capital account for each common unit has been reduced to zero; and

thereafter, 100% to the general partner.

Adjustments to Capital Accounts

In addition, interim adjustments to capital accounts will be made at the time NuStar Energy issues additional partnership interests or makes distributions of property. Such adjustments will be based on the fair market value of the partnership interests or the property distributed and any gain or loss resulting therefrom will be allocated to the partners in the same manner as gain or loss is allocated upon liquidation. In the event that positive interim adjustments are made to the capital accounts, any subsequent negative adjustments to the capital accounts resulting from the issuance of additional partnership interests in NuStar Energy, distributions of property by NuStar Energy, or upon NuStar Energy's liquidation, will be allocated in a manner which results, to the extent possible, in the capital account balances of the general partner equaling the amount that would have been the general partner's capital account balances if no prior positive adjustments to the capital accounts had been made.

Distribution Stopper Pursuant to 7.625% Fixed-to-Floating Rate Subordinated Notes

On January 22, 2013, NuStar Logistics issued \$402.5 million of 7.625% fixed-to-floating rate subordinated notes due January 15, 2043 (the Subordinated Notes). The Subordinated Notes are fully and unconditionally guaranteed on an unsecured and subordinated basis by NuStar Energy and NuPOP.

In accordance with the terms of the notes, NuStar Logistics may elect to defer interest payments on the Subordinated Notes on one or more occasions for up to five consecutive years. Deferred interest will accumulate additional interest at a rate equal to the interest rate then applicable to the Subordinated Notes until paid. If NuStar Logistics elects to defer interest payments, NuStar Energy cannot declare or make cash distributions with respect to, or redeem, purchase or make a liquidation payment with respect to, its equity securities, including its common units, during the period interest is deferred.

Table of Contents

THE PARTNERSHIP AGREEMENT

The following is a summary of the material provisions of the NuStar Energy partnership agreement and is qualified by reference to NuStar Energy's partnership agreement, which is included as an exhibit to the registration statement of which this prospectus constitutes a part.

Organization and Duration

NuStar Energy was organized in December 1999 and will continue until dissolved under the terms of its partnership agreement.

Purpose

NuStar Energy's stated purposes under its partnership agreement are to serve as a partner of its operating partnerships and to engage in any business activities that may be engaged in by its operating partnerships or that are approved by the general partner, provided that the general partner must reasonably determine that such activity generates or enhances the operations of an activity that generates qualifying income, as this term is defined in Section 7704 of the Internal Revenue Code of 1986, as amended (the Internal Revenue Code).

NuStar Energy's general partner is authorized in general to perform all acts deemed necessary to carry out NuStar Energy's purposes and to conduct NuStar Energy's business.

Power of Attorney

Each limited partner, and each person who acquires a limited partner interest and executes and delivers a transfer application, grants to the general partner and, if appointed, a liquidator, a power of attorney to, among other things, execute and file documents required for the qualification, continuance or dissolution of NuStar Energy. The power of attorney also grants the general partner and the liquidator the authority to amend the partnership agreement, and to make consents and waivers under the partnership agreement.

Capital Contributions

NuStar Energy's unitholders are not obligated to make additional capital contributions, except as described below under Limited Liability.

Limited Liability

Assuming that a limited partner does not participate in the control of NuStar Energy's business within the meaning of the Delaware Revised Uniform Limited Partnership Act, as amended (the Delaware law), and that the limited partner otherwise acts in conformity with the provisions of NuStar Energy's partnership agreement, such limited partner's liability under the Delaware law will be limited, subject to possible exceptions, to the amount of capital the limited partner is obligated to contribute to NuStar Energy for such limited partner's units plus such limited partner's share of any undistributed profits and assets. If it were determined, however, that the right or exercise of the right by the NuStar Energy limited partners as a group:

to remove or replace the general partner;

to approve certain amendments to the partnership agreement; or

to take other action under the partnership agreement;
constituted participation in the control of NuStar Energy's business for the purposes of the Delaware law, then the limited partners could be held personally liable for NuStar Energy's obligations under the laws of Delaware,

Table of Contents

to the same extent as the general partner. This liability would extend to persons who transact business with NuStar Energy who reasonably believe that the limited partner is a general partner.

Neither NuStar Energy's partnership agreement nor the Delaware law specifically provides for legal recourse against the general partner if a limited partner were to lose limited liability through any fault of the general partner. While this does not mean that a limited partner could not seek legal recourse, we know of no precedent for this type of a claim in Delaware case law.

Under the Delaware law, a limited partnership may not make a distribution to a partner if, after the distribution, all liabilities of the limited partnership, other than liabilities to partners on account of their partnership interests and liabilities for which the recourse of creditors is limited to specific property of the partnership, would exceed the fair value of the assets of the limited partnership. For the purpose of determining the fair value of the assets of a limited partnership, the Delaware law provides that the fair value of property subject to liability for which recourse of creditors is limited shall be included in the assets of the limited partnership only to the extent that the fair value of that property exceeds the nonrecourse liability. The Delaware law provides that a limited partner who receives a distribution and knew at the time of the distribution that the distribution was in violation of the Delaware law shall be liable to the limited partnership for the amount of the distribution for three years. Under the Delaware law, an assignee who becomes a substituted limited partner of a limited partnership is liable for the obligations of the assignor to make contributions to the partnership, except the assignee is not obligated for liabilities unknown to the assignee at the time the assignee became a limited partner and that could not be ascertained from the partnership agreement.

NuStar Energy's operating subsidiaries conduct business or own assets in the United States, Canada, Mexico, the Netherlands, including St. Eustatius in the Caribbean, and the United Kingdom. Maintenance of NuStar Energy's limited liability as a limited partner or member, respectively, of its operating subsidiaries, may require compliance with legal requirements in the jurisdictions in which the operating subsidiary conducts business. Limitations on the liability of limited partners or members for the obligations of a limited partner or member have not been clearly established in many jurisdictions. If it were determined that NuStar Energy was, by virtue of NuStar Energy's ownership interest in the operating subsidiaries or otherwise, conducting business in any state without compliance with the applicable limited partnership or limited liability company statute, or that the right or exercise of the right by the limited partners as a group to remove or replace NuStar Energy's general partner, to approve some amendments to the partnership agreement, or to take other action under the partnership agreement constituted participation in the control of NuStar Energy's business for purposes of the statutes of any relevant jurisdiction, then the limited partners could be held personally liable for NuStar Energy's obligations under the law of that jurisdiction to the same extent as the general partner under the circumstances. NuStar Energy will operate in a manner that the general partner considers reasonable and necessary or appropriate to preserve the limited liability of the limited partners.

Issuance of Additional Securities

NuStar Energy's partnership agreement authorizes NuStar Energy to issue an unlimited number of additional partnership securities for the consideration and on the terms and conditions established by the general partner in its sole discretion without the approval of any limited partners.

It is possible that NuStar Energy will fund acquisitions through the issuance of additional common units or other partnership securities. Holders of any additional common units NuStar Energy issues will be entitled to share equally with the then-existing holders of common units in NuStar Energy's distributions of available cash. In addition, the issuance of additional partnership interests may dilute the value of the interests of the then-existing holders of common units in NuStar Energy's net assets.

There are no restrictions under the partnership agreement on the ability of the general partner to issue partnership securities, including partnership securities junior or senior to the common units.

Table of Contents

In accordance with Delaware law and the provisions of the partnership agreement, NuStar Energy may also issue additional partnership securities that, in the sole discretion of the general partner, may have special voting rights to which the common units are not entitled.

Upon issuance of additional partnership securities, the general partner will be required to make additional capital contributions to the extent necessary to maintain its 2% general partner interest in NuStar Energy. Moreover, the general partner will have the right, which it may from time to time assign in whole or in part to any of its affiliates, to purchase common units or other partnership securities whenever, and on the same terms that NuStar Energy issues those securities to persons other than the general partner and its affiliates, to the extent necessary to maintain its percentage interest, including its interest represented by common units, that existed immediately prior to each issuance. The holders of common units will not have preemptive rights to acquire additional common units or other partnership securities.

Amendment of the Partnership Agreement

General

Amendments to the partnership agreement may be proposed only by or with the consent of the general partner, which consent may be given or withheld in its sole discretion. In order to adopt a proposed amendment, other than the amendments discussed below, the general partner is required to seek written approval of the holders of the number of common units required to approve the amendment or call a meeting of the limited partners to consider and vote upon the proposed amendment. Except as described below, an amendment must be approved by a majority of the common units.

We refer to the voting provision described above as a unit majority.

Prohibited Amendments

No amendment may be made that would:

enlarge the obligations of any limited partner without its consent, unless approved by at least a majority of the type or class of limited partner interests so affected;

enlarge the obligations of, restrict in any way any action by or rights of, or reduce in any way the amounts distributable, reimbursable or otherwise payable by NuStar Energy to the general partner or any of its affiliates without the consent of the general partner, which may be given or withheld in its sole discretion;

change the term of NuStar Energy;

provide that NuStar Energy is not dissolved upon an election to dissolve NuStar Energy by the general partner that is approved by the holders of a majority of the outstanding common units; or

give any person the right to dissolve NuStar Energy, other than the general partner's right to dissolve NuStar Energy with the approval of the holders of a majority of the outstanding common units.

The provision of the partnership agreement preventing the amendments having the effects described in the five bullets above can be amended upon the approval of the holders of at least 90% of the outstanding common units voting together as a single class.

No Unitholder Approval

The general partner may generally make amendments to the partnership agreement without the approval of any limited partner or assignee to reflect:

a change in the name of NuStar Energy, the location of the principal place of business of NuStar Energy, the registered agent or the registered office of NuStar Energy;

Table of Contents

the admission, substitution, withdrawal or removal of partners in accordance with the partnership agreement;

a change that, in the sole discretion of the general partner, is necessary or advisable to qualify or continue the qualification of NuStar Energy as a limited partnership or a partnership in which the limited partners have limited liability under the laws of any state or to ensure that neither NuStar Energy nor NuStar Logistics will be treated as an association taxable as a corporation or otherwise taxed as an entity for federal income tax purposes;

an amendment that is necessary, in the opinion of counsel to NuStar Energy, to prevent NuStar Energy, the general partner, NuStar GP, LLC, or any of the directors, officers, agents or trustees of NuStar GP, LLC from in any manner being subjected to the provisions of the Investment Company Act of 1940, as amended, the Investment Advisors Act of 1940, as amended, or plan asset regulations adopted under ERISA, whether or not substantially similar to plan asset regulations currently applied or proposed;

subject to the limitations on the issuance of additional partnership securities described above, an amendment that in the discretion of the general partner is necessary or advisable for the authorization of additional partnership securities;

any amendment expressly permitted in the partnership agreement to be made by the general partner acting alone;

an amendment effected, necessitated or contemplated by a merger agreement that has been approved under the terms of the partnership agreement;

any amendment that, in the discretion of the general partner, is necessary or advisable for the formation by NuStar Energy of, or its investment in, any corporation, partnership or other entity, as otherwise permitted by the partnership agreement;

a change in the fiscal year or taxable year of NuStar Energy and related changes; and

any other amendments substantially similar to any of the matters described above.

In addition, the general partner may make amendments to the partnership agreement without the approval of any limited partner or assignee if those amendments, in the discretion of the general partner:

do not adversely affect the limited partners (or any particular class of limited partners) in any material respect;

are necessary or advisable to satisfy any requirements, conditions or guidelines contained in any opinion, directive, order, ruling or regulation of any federal or state agency or judicial authority or contained in any federal or state statute;

are necessary or advisable to facilitate the trading of limited partner interests or to comply with any rule, regulation, guideline or requirement of any securities exchange on which the limited partner interests are or will be listed for trading, compliance with any of which the general partner deems to be in the best interests of NuStar Energy and the limited partners;

are necessary or advisable for any action taken by the general partner relating to splits or combinations of common units under the provisions of the partnership agreement; or

are required to effect the intent expressed in this prospectus or the intent of the provisions of the partnership agreement or that are otherwise contemplated by the partnership agreement.

Opinion of Counsel and Unitholder Approval

The general partner will not be required to obtain an opinion of counsel that an amendment will not result in a loss of limited liability to the limited partners or result in NuStar Energy being treated as an entity for federal

Table of Contents

income tax purposes if one of the amendments described above under Amendment of the Partnership Agreement should occur. No other amendments to the partnership agreement will become effective without the approval of holders of at least 90% of the common units unless NuStar Energy obtains an opinion of counsel to the effect that the amendment will not affect the limited liability under applicable law of any limited partner in NuStar Energy or cause NuStar Energy or its operating subsidiaries to be taxable as a corporation or otherwise to be taxed as an entity for federal income tax purposes (to the extent not previously taxed as such).

Any amendment that would have a material adverse effect on the rights or preferences of any type or class of outstanding partnership interests in relation to other classes of partnership interests will require the approval of at least a majority of the type or class of partnership interests so affected. Any amendment that reduces the voting percentage required to take any action is required to be approved by the affirmative vote of the outstanding units constituting not less than the voting requirement sought to be reduced.

Merger/Consolidation

A merger or consolidation of NuStar Energy requires the prior approval of NuStar Energy's general partner. The general partner must also approve the merger agreement, which must include certain information as set forth in NuStar Energy's partnership agreement. Once approved by the general partner, the merger agreement must be submitted to a vote of NuStar Energy's limited partners, and the merger agreement will be approved upon receipt of the affirmative vote or consent of the holders of a unit majority (unless the affirmative vote of the holders of a greater percentage is required under the merger agreement or Delaware law). Under the partnership agreement, a unit majority consists of at least a majority of the outstanding common units.

Disposal of Assets

Except in connection with a dissolution and liquidation of the partnership or a duly approved merger, NuStar Energy's general partner may not (a) sell, exchange or otherwise dispose of all or substantially all of NuStar Energy's assets in a single transaction or a series of related transactions, or (b) approve on behalf of the partnership the sale, exchange or other disposition of all or substantially all of the assets of the partnership without the approval of the holders of a unit majority. However, the general partner may mortgage, pledge, hypothecate or grant a security interest in all or substantially all of the assets of the partnership without the approval of the unitholders. In addition, the general partner may sell any or all of the assets of the partnership in a forced sale pursuant to the foreclosure of, or other realization upon, any such encumbrance without the approval of the unitholders.

Termination and Dissolution

NuStar Energy will continue in existence as a limited partnership until terminated in accordance with its partnership agreement. NuStar Energy will dissolve upon:

the election of the general partner to dissolve NuStar Energy, if approved by the holders of common units representing a unit majority;

the sale, exchange or other disposition of all or substantially all of the assets and properties of NuStar Energy;

the entry of a decree of judicial dissolution of NuStar Energy; or

the withdrawal or removal of the general partner or any other event that results in its ceasing to be the general partner other than by reason of a transfer of its general partner interest in accordance with the partnership agreement or withdrawal or removal following approval and admission of a successor.

Table of Contents

Upon a dissolution under the last clause above, the holders of common units representing a unit majority may also elect, within specific time limitations, to reconstitute NuStar Energy and continue its business on the same terms and conditions described in the partnership agreement by forming a new limited partnership on terms identical to those in the partnership agreement and having as general partner an entity approved by the holders of common units representing a unit majority, subject to receipt by NuStar Energy of an opinion of counsel to the effect that:

the action would not result in the loss of limited liability of any limited partner; and

neither NuStar Energy, the reconstituted limited partnership, nor any operating subsidiary would be treated as an association taxable as a corporation or otherwise be taxable as an entity for federal income tax purposes upon the exercise of that right to continue.

Liquidation and Distribution of Proceeds

Upon its dissolution, unless NuStar Energy is reconstituted and continued as a new limited partnership, the liquidator authorized to wind up NuStar Energy's affairs will, acting with all of the powers of the general partner that the liquidator deems necessary or desirable in its judgment, liquidate NuStar Energy's assets and apply the proceeds of the liquidation as provided in Cash Distributions Distributions of Cash Upon Liquidation. The liquidator may defer liquidation or distribution of NuStar Energy's assets for a reasonable period of time or distribute assets to partners in kind if it determines that a sale would be impractical or would cause undue loss to the partners.

Withdrawal or Removal of the General Partner

NuStar Energy's general partner may withdraw as general partner without first obtaining approval of any unitholder by giving 90 days' written notice, and that withdrawal will not constitute a violation of the partnership agreement. In addition, the partnership agreement permits the general partner to sell or otherwise transfer all of its general partner interest in NuStar Energy without the approval of the unitholders. Please read Transfer of General Partner Interests.

Upon the withdrawal of the general partner under any circumstances, other than as a result of a transfer of all or a part of its general partner interest in NuStar Energy, the holders of common units representing a unit majority may select a successor to that withdrawing general partner. If a successor is not elected, or is elected but an opinion of counsel regarding limited liability and tax matters cannot be obtained, NuStar Energy will be dissolved, wound up and liquidated, unless within 180 days after that withdrawal, the holders of a majority of the outstanding common units agree in writing to continue the business of NuStar Energy and to appoint a successor general partner. Please read Termination and Dissolution.

If the general partner withdraws under circumstances where such withdrawal does not violate the partnership agreement, and a successor general partner is elected under the terms of the partnership agreement, the departing general partner will have the option to require the successor general partner to purchase its general partner interests and incentive distribution rights for cash. If the general partner withdraws under circumstances where such withdrawal does violate the partnership agreement, and a successor general partner is elected, the successor general partner will have the option to purchase the general partner interests and incentive distribution rights of the departing general partner. If such general partner interests and incentive distribution rights are not purchased by the successor general partner, they will be converted into common units.

The general partner may not be removed unless that removal is approved by the vote of the holders of not less than a majority of the outstanding common units, and NuStar Energy receives an opinion of counsel regarding limited liability and tax matters. Any removal of the general partner is also subject to the approval of a successor general partner by the vote of the holders of a majority of the outstanding common units.

If the general partner is removed under circumstances where cause does not exist, and a successor general partner is elected under the partnership agreement, the departing general partner will have the option to require

Table of Contents

the successor general partner to purchase its general partner interests and incentive distribution rights for cash. If the general partner is removed under circumstances where cause does exist, and a successor general partner is elected, the successor general partner will have the option to purchase the general partner interests and incentive distribution rights of the departing general partner. If the general partner interests and incentive distribution rights are not purchased by the successor general partner, they will be converted into common units.

Cause is narrowly defined to mean that a court of competent jurisdiction has entered a final, non-appealable judgment finding the general partner liable for actual fraud, gross negligence, or willful or wanton misconduct in its capacity as the general partner.

Withdrawal or removal of the general partner of NuStar Energy also constitutes withdrawal or removal of the general partner of NuStar Logistics.

In addition, NuStar Energy will be required to reimburse the departing general partner for all amounts due the departing general partner, including, without limitation, all employee-related liabilities, including severance liabilities, incurred for the termination of any employees employed by the departing general partner for the benefit of NuStar Energy.

Transfer of General Partner Interests

NuStar Energy's general partner may transfer all or any part of its general partner interest in NuStar Energy without unitholder approval.

No transfer by NuStar Energy's general partner of all or any part of its general partner interest is permitted unless (a) the transferee agrees to assume the rights and duties of the general partner and be bound by the partnership agreement and (b) the partnership receives an opinion of counsel regarding limited liability and tax matters.

Change of Management Provisions

NuStar Energy's partnership agreement contains specific provisions that are intended to discourage a person or group from attempting to remove the general partner or otherwise change management, including the following:

any units held by a person that owns 20% or more of any class of units then outstanding, other than the general partner and its affiliates, cannot be voted on any matter; and

the partnership agreement contains provisions limiting the ability of unitholders to call meetings or to acquire information about the partnership's operations, as well as other provisions limiting the unitholders ability to influence the manner or direction of management.

Limited Call Right

If at any time NuStar Energy's general partner and its affiliates own 80% or more of the issued and outstanding limited partner interests of any class, the general partner will have the right (which right it may assign and transfer to the partnership or any affiliate of the general partner) to purchase all, but not less than all, of the outstanding limited partner interests of that class that are held by non-affiliated persons. The record date for determining ownership of the limited partner interests to be purchased by the general partner will be selected by the general partner, and the general

partner must mail notice of its election to purchase the interests to the holders of such interests at least 10 but not more than 60 days prior to the purchase date. The purchase price in the event of a purchase under these provisions would be the greater of (a) the current market price (as defined in the partnership agreement) of the limited partner interests of that class as of the date three days prior to the date the general partner mails notice of its election to purchase the interests and (b) the highest price paid by the

Table of Contents

general partner or any of its affiliates for any limited partner interest of that class purchased within the 90 days preceding the date the general partner mails notice of its election to purchase the interests.

Meetings; Voting

Special meetings of NuStar Energy's limited partners may be called by the general partner or by limited partners owning 20% or more of the outstanding limited partner interests of the class or classes for which a meeting is proposed. The general partner must send notice of any meeting to the limited partners, and a meeting may not be held less than 10 days nor more than 60 days after the mailing of the notice. For the purpose of determining the limited partners entitled to notice of, and to vote at, a meeting of the limited partners (or to give written approvals without a meeting as described below), the general partner will set a record date, which may not be less than 10 nor more than 60 days before the date of the meeting (or the date by which the limited partners are requested to submit written approvals). Only record holders of limited partner interests on such record date are entitled to notice of, and to vote at, a meeting of the limited partners (or to vote on any action to be taken without a meeting).

If authorized by the general partner, any action that may be taken at a meeting of limited partners may be taken without a meeting by obtaining approval in writing of the necessary percentage of the limited partners that would be required to authorize or take the action at a meeting of the limited partners.

Each record holder of a limited partner interest has a vote according to his percentage interest in the partnership. Limited partner interests held for a person's account by another person (such as a broker, dealer, or bank), in whose name such limited partner interests are registered, will be voted by such other person in favor of, and at the direction of, the beneficial owner unless the arrangement between such persons provides otherwise. Representation in person or by proxy of a majority of the outstanding limited partner interests of the class or classes for which a meeting has been called will constitute a quorum at such meeting (unless a particular action by the limited partners requires approval by a greater percentage of limited partner interests, in which case the quorum shall be such greater percentage). At any meeting at which a quorum is present, the act of the limited partners holding a majority of the outstanding limited partner interests entitled to vote at the meeting will be deemed to be the act of all the limited partners, unless a greater or different percentage is required under the partnership agreement, in which case the act of the limited partners holding such greater or different percentage of the outstanding limited partner interests will be required.

NuStar Energy unitholders have no right to elect NuStar Energy's general partner on an annual or other continuing basis. NuStar Energy's partnership agreement explicitly authorizes the general partner to issue partnership securities having special or superior voting rights without the consent of the limited partners.

Transfer of Units and Status as a Limited Partner or Assignee

No transfer of NuStar Energy limited partner interests will be recognized by the partnership unless certificate(s) representing those limited partnership interests are surrendered and such certificates are accompanied by a duly executed transfer application. Each transferee of NuStar Energy limited partner interests must execute a transfer application whereby the transferee, among other things, requests admission as a substituted limited partner, makes certain representations, executes and agrees to comply with and be bound by the partnership agreement, and gives the consents and approvals and makes the waivers contained in the partnership agreement. Transferees may hold units in nominee accounts.

Once a transferee has executed and delivered a transfer application in accordance with the partnership agreement, the transferee becomes an assignee. An assignee becomes a limited partner upon the consent of the general partner and the recordation of the name of the assignee on NuStar Energy's books and records. Such consent may be withheld in the

sole discretion of the general partner. An assignee, pending its admission as a substituted limited partner, is entitled to an interest in NuStar Energy equivalent to that of a limited partner with

Table of Contents

respect to the right to share in allocations and distributions, including liquidating distributions. NuStar Energy's general partner will vote and exercise, at the written direction of the assignee, other powers attributable to limited partner interests owned by an assignee who has not become a substituted limited partner.

Transferees who do not execute and deliver transfer applications will be treated neither as assignees nor as record holders of limited partner interests and will not receive distributions, federal income tax allocations or reports furnished to record holders of limited partner interests. The only right such transferees will have is the right to admission as a substituted limited partner upon execution of a transfer application, subject to the approval of the general partner. A nominee or broker who has executed a transfer application with respect to limited partner interests held in street name or nominee accounts will receive distributions and reports pertaining to such limited partner interests.

Non-Citizen Assignees; Redemption

If NuStar Energy is or becomes subject to federal, state or local laws or regulations that, in the reasonable determination of the general partner, create a substantial risk of cancellation or forfeiture of any property that NuStar Energy has an interest in because of the nationality, citizenship or other related status of any limited partner or assignee, NuStar Energy may redeem the units held by the limited partner or assignee at their current market price. In order to avoid any cancellation or forfeiture, the general partner may require each limited partner or assignee to furnish information about his nationality, citizenship or related status. If a limited partner or assignee fails to furnish information about this nationality, citizenship or other related status within 30 days after a request for the information or the general partner determines after receipt of the information that the limited partner or assignee is not an eligible citizen, the limited partner or assignee may be treated as a non-citizen assignee. In addition to other limitations on the rights of an assignee who is not a substituted limited partner, a non-citizen assignee does not have the right to direct the voting of his units and may not receive distributions in kind upon NuStar Energy's liquidation.

Indemnification

Under the partnership agreement, in most circumstances, NuStar Energy will indemnify the following persons, to the fullest extent permitted by law, from and against all losses, claims, damages or similar events:

the general partner;

any departing general partner;

any person who is or was an affiliate of the general partner or any departing general partner;

any person who is or was a partner, officer, director, employee, agent, or trustee of the general partner, NuStar GP, LLC, or departing general partner or any affiliate of the general partner, NuStar GP, LLC, or departing general partner; or

any person who is or was serving at the request of the general partner or departing general partner or any affiliate of the general partner or departing general partner as an officer, director, employee, member, partner, agent, or trustee of another person.

Any indemnification under these provisions will only be out of NuStar Energy's assets. Unless it otherwise agrees in its sole discretion, the general partner shall not be personally liable for any of NuStar Energy's indemnification obligations, nor have any obligation to contribute or loan funds or assets to NuStar Energy to enable NuStar Energy to effectuate indemnification. NuStar Energy is authorized to purchase insurance against liabilities asserted against and expenses incurred by persons for its activities, regardless of whether NuStar Energy would have the power to indemnify the person against liabilities under the partnership agreement.

Table of Contents

Books and Reports

The general partner is required to keep appropriate books of NuStar Energy's business at NuStar Energy's principal offices. The books will be maintained for both tax and financial reporting purposes on an accrual basis. For tax and financial reporting purposes, NuStar Energy's fiscal year is the calendar year.

NuStar Energy will furnish or make available to record holders of units, within 120 days after the close of each fiscal year, an annual report containing audited financial statements and a report on those financial statements by its registered public accounting firm. Except for its fourth quarter, NuStar Energy will also furnish or make available summary financial information within 90 days after the close of each quarter.

NuStar Energy will furnish each record holder of a unit with information reasonably required for tax reporting purposes within 90 days after the close of each calendar year. This information is expected to be furnished in summary form so that some complex calculations normally required of partners can be avoided. NuStar Energy's ability to furnish this summary information to unitholders will depend on the cooperation of unitholders in supplying it with specific information. Every unitholder will receive information to assist such unitholder in determining its federal and state tax liability and filing its federal and state income tax returns, regardless of whether it supplies NuStar Energy with information.

Right to Inspect NuStar Energy's Books and Records

The partnership agreement provides that a limited partner can, for a purpose reasonably related to such limited partner's interest as a limited partner, upon reasonable demand and at its own expense, have furnished to it:

a current list of the name and last known address of each partner;

a copy of NuStar Energy's tax returns;

information as to the amount of cash, and a description and statement of the agreed value of any other property or services, contributed or to be contributed by each partner and the date on which each became a partner;

copies of the partnership agreement, the certificate of limited partnership of the partnership, related amendments and powers of attorney under which they have been executed;

information regarding the status of NuStar Energy's business and financial condition; and

any other information regarding NuStar Energy's affairs as is just and reasonable.

The general partner may, and intends to, keep confidential from the limited partners trade secrets or other information the disclosure of which the general partner believes in good faith is not in NuStar Energy's best interests or which NuStar Energy is required by law or by agreements with third parties to keep confidential.

Registration Rights

Under the partnership agreement, NuStar Energy has agreed to register for resale under the Securities Act of 1933 and applicable state securities laws any common units or other partnership securities proposed to be sold by the general partner or any of its affiliates or their assignees if an exemption from the registration requirements is not otherwise available. These registration rights continue for two years following any withdrawal or removal of Riverwalk Logistics, L.P. as the general partner of NuStar Energy. NuStar Energy is obligated to pay all expenses incidental to the registration, excluding underwriting discounts and commissions.

Table of Contents

CONFLICTS OF INTEREST AND FIDUCIARY RESPONSIBILITIES

Conflicts of Interest

Riverwalk Logistics, L.P. (Riverwalk Logistics), the general partner of NuStar Energy, has a legal duty to manage NuStar Energy in a manner beneficial to NuStar Energy's unitholders. This legal duty originates in statutes and judicial decisions and is commonly referred to as a fiduciary duty. However, because Riverwalk Logistics is indirectly owned by NuStar GP Holdings, LLC (NuStar GP Holdings), the officers and directors of Riverwalk Logistics' general partner, NuStar GP, LLC, also have fiduciary duties to manage the business of Riverwalk Logistics in a manner beneficial to NuStar GP Holdings and its public unitholders. As a result of this relationship, conflicts of interest may arise between NuStar Energy's general partner and its affiliates, including NuStar GP Holdings' public unitholders, on the one hand, and NuStar Energy and its limited partners, including the public unitholders, on the other hand.

NuStar Energy's partnership agreement contains provisions that allow the general partner to take into account the interests of parties in addition to NuStar Energy in resolving conflicts of interest. In effect, these provisions limit the general partner's fiduciary duties to the unitholders. The partnership agreement also restricts the remedies available to unitholders for actions taken that might, without those limitations, constitute breaches of fiduciary duty. Whenever a conflict arises between the general partner or its affiliates, on the one hand, and NuStar Energy or any other partner, on the other hand, the general partner will resolve that conflict.

Resolution of Conflicts of Interest

The general partner will not be in breach of its obligations under the partnership agreement or its duties to NuStar Energy or the unitholders if the resolution of the conflict is considered to be fair and reasonable to NuStar Energy. Any resolution is considered to be fair and reasonable to NuStar Energy if that resolution is:

approved by a conflicts committee consisting of three independent directors of NuStar GP, LLC, although no party is obligated to seek approval and the general partner may adopt a resolution or course of action that has not received approval;

on terms no less favorable to NuStar Energy than those generally being provided to or available from unrelated third parties; or

fair to NuStar Energy, taking into account the totality of the relationships between the parties involved, including other transactions that may be particularly favorable or advantageous to NuStar Energy.

In resolving a conflict, the general partner may, unless the resolution is specifically provided for in the partnership agreement, consider:

the relative interests of the parties involved in the conflict or affected by the action;

any customary or accepted industry practices or historical dealings with a particular person or entity; and

generally accepted accounting principles and other factors it considers relevant, if applicable. Conflicts of interest could arise in the situations described below, among others.

Actions taken by the general partner may affect the amount of cash available for distribution to unitholders.

The amount of cash that is available for distribution to unitholders is affected by decisions of the general partner regarding:

amount and timing of asset purchases and sales;

cash expenditures;

Table of Contents

borrowings;

issuance of additional units; and

the creation, decrease or increase of reserves in any quarter.

In addition, borrowings by NuStar Energy do not constitute a breach of any duty owed by the general partner to the unitholders, including borrowings that have the purpose or effect of enabling the general partner to receive distributions or the incentive distribution rights.

The partnership agreement provides that NuStar Energy may borrow funds from the general partner and its affiliates. The general partner and its affiliates may not borrow funds from NuStar Energy.

We rely on the employees of our affiliates.

We do not have any officers and rely primarily on officers of NuStar GP, LLC and officers and employees of our subsidiary, NuStar Services Company LLC (NuStar Services Company), and their respective affiliates. Affiliates of the general partner may conduct businesses and activities of their own in which we have no economic interest. In the future, if these separate activities were significantly greater than our activities, there could be material competition for the time and effort of the officers who provide services to NuStar GP, LLC, NuStar Services Company and their respective affiliates.

We are required to reimburse NuStar GP, LLC for expenses and costs incurred on our behalf.

Under the partnership agreement, we are required to reimburse NuStar Energy's general partner and its affiliates for costs incurred on behalf of NuStar Energy. The partnership agreement provides that the general partner will determine the expenses that are allocable to it in any reasonable manner determined by the general partner in its sole discretion.

Our general partner intends to limit its liability regarding our obligations.

Our general partner intends to limit its liability under contractual arrangements so that the other party has recourse only to all or particular assets of NuStar Energy, and not against the general partner or its assets. The partnership agreement provides that any action taken by the general partner to limit its liability is not a breach of the general partner's fiduciary duties, even if we could have obtained more favorable terms without the limitation on liability.

Unitholders will have no right to enforce obligations of the general partner and its affiliates under agreements with NuStar Energy.

Any agreements between NuStar Energy, on the one hand, and the general partner and its affiliates, on the other, will not grant to the unitholders, separate and apart from NuStar Energy, the right to enforce the obligations of the general partner and its affiliates in favor of NuStar Energy. Therefore, the general partner, in its capacity as the general partner of NuStar Energy, will be primarily responsible for enforcing these obligations.

Contracts between NuStar Energy, on the one hand, and the general partner and its affiliates, on the other, are not the result of arm's-length negotiations.

Neither the NuStar Energy partnership agreement nor any of the other agreements, contracts and arrangements between NuStar Energy, on the one hand, and the general partner and its affiliates, on the other, are or will be the result of arm's-length negotiations.

Limited partner interests are subject to the general partner's limited call right.

The general partner may exercise its right to call and purchase any class of limited partner interests as provided in NuStar Energy's partnership agreement or assign this right to one of its affiliates or to us. The

Table of Contents

general partner may use its own discretion, free of fiduciary duty restrictions, in determining whether to exercise this right. As a consequence, a limited partner may have its limited partner interests purchased from it at an undesirable time or price.

NuStar GP Holdings may compete with NuStar Energy.

NuStar Energy entered into a Non-Compete Agreement with NuStar GP Holdings on July 19, 2006. Under the Non-Compete Agreement, NuStar GP Holdings has a right of first refusal with respect to the potential acquisition of general partner interests and other equity securities in publicly traded partnerships under common ownership with the general partner interest. NuStar Energy has a right of first refusal with respect to the potential acquisition of assets that relate to the transportation, storage or terminalling of crude oil, feedstocks or refined petroleum products (including petrochemicals) in the United States and internationally. With respect to any other business opportunities, neither NuStar Energy nor NuStar GP Holdings are prohibited from engaging in any business, even if NuStar Energy and NuStar GP Holdings would have a conflict of interest with respect to such other business opportunity.

Fiduciary duties owed to unitholders by the general partner are prescribed by law and NuStar Energy's partnership agreement.

The general partner is accountable to NuStar Energy and its unitholders as a fiduciary. These limited fiduciary duties are very different from the more familiar duties of a corporate board of directors, which must always act in the best interests of the corporation and its stockholders.

Fiduciary Duties

Fiduciary duties are generally considered to include an obligation to act with due care and loyalty. The duty of care, in the absence of a provision in a partnership agreement providing otherwise, generally requires a general partner to act for the partnership in the same manner as a prudent person would act on his own behalf. The duty of loyalty, in the absence of a provision in a partnership agreement providing otherwise, generally prohibits a general partner from taking any action or engaging in any transaction where a conflict of interest is present. The Delaware law generally provides that a limited partner may institute legal action on a partnership's behalf to recover damages from a third party where a general partner has refused to institute the action or where an effort to cause a general partner to do so is not likely to succeed. In addition, the statutory or case law of some jurisdictions may permit a limited partner to institute legal action on behalf of himself and all other similarly situated limited partners to recover damages from a general partner for violations of its fiduciary duties to the limited partners.

The Delaware law provides that Delaware limited partnerships may, in their partnership agreements, restrict or expand the fiduciary duties owed by a general partner to limited partners and the partnership.

Fiduciary standards may be modified by the NuStar Energy partnership agreement. NuStar Energy's partnership agreement contains various provisions restricting the fiduciary duties that might otherwise be owed by the general partner. The following is a summary of the material restrictions of the fiduciary duties owed by the general partner to the limited partners:

The partnership agreement contains provisions that waive or consent to conduct by the general partner and its affiliates that might otherwise raise issues as to compliance with fiduciary duties or applicable law. For example, the partnership agreement permits the general partner to make a number of decisions in its sole discretion, such as:

the incurrence of indebtedness;

the acquisition or disposition of assets, except for the disposition of all of the assets of the partnership which requires unitholder approval;

Table of Contents

the negotiation of any contracts;

the disposition of partnership cash; and

the purchase or disposition of partnership securities, other than issuance of securities senior to the common units.

Sole discretion entitles the general partner to consider only the interests and factors that it desires and it does not have a duty or obligation to give any consideration to any interest of, or factors affecting, NuStar Energy, its affiliates or any limited partner, including the public unitholders. Other provisions of NuStar Energy's partnership agreement provide that the general partner's actions must be carried out in its reasonable discretion.

The partnership agreement generally provides that affiliated transactions and resolutions of conflicts of interest not involving a required vote of unitholders must be fair and reasonable to NuStar Energy under the factors previously set forth. In determining whether a transaction or resolution is fair and reasonable the general partner may consider interests of all parties involved, including its own. Unless the general partner has acted in bad faith, the action taken by the general partner will not constitute a breach of its fiduciary duty.

In addition to the other more specific provisions limiting the obligations of the general partner, the partnership agreement further provides that the general partner and the officers and directors of NuStar GP, LLC will not be liable for monetary damages to NuStar Energy, the limited partners or assignees for errors of judgment or for any acts or omissions if the general partner and those other persons acted in good faith.

NuStar Energy is required to indemnify the general partner and NuStar GP, LLC and their officers, directors, employees, affiliates, partners, members, agents and trustees, to the fullest extent permitted by law, against liabilities, costs and expenses incurred by the general partner and NuStar GP, LLC or these other persons. This indemnification is required if the general partner or these persons acted in good faith and in a manner they reasonably believed to be in, or (in the case of a person other than the general partner) not opposed to, the best interests of NuStar Energy. Indemnification is required for criminal proceedings if the general partner and NuStar GP, LLC or these other persons had no reasonable cause to believe their conduct was unlawful. Thus, the general partner and NuStar GP, LLC could be indemnified for their negligent acts if they met these requirements concerning good faith and the best interests of NuStar Energy.

Table of Contents

DESCRIPTION OF NUSTAR LOGISTICS DEBT SECURITIES

The following description sets forth the general terms and provisions that apply to the debt securities that may be offered by NuStar Logistics. Each prospectus supplement will state the particular terms that will apply to the debt securities included in the supplement.

The NuStar Logistics debt securities will be either senior debt securities or subordinated debt securities of NuStar Logistics. All debt securities will be unsecured. The NuStar Logistics senior debt securities will have the same rank as all of NuStar Logistics' and NuPOP's other unsecured and unsubordinated debt. The subordinated debt securities will be subordinated to senior indebtedness as described under "Provisions Only in the NuStar Logistics Subordinated Indenture - Subordinated Debt Securities Subordinated to Senior Debt" below.

If NuStar Logistics offers senior debt securities, it will issue them under the senior indenture among NuStar Logistics, NuStar Energy, as guarantor, and Wells Fargo Bank, National Association (as successor-in-interest to The Bank of New York), as trustee (the "Trustee"), dated as of July 15, 2002, as supplemented by a supplemental indenture. If NuStar Logistics offers subordinated debt securities, it will issue them under the subordinated indenture among NuStar Logistics, NuStar Energy, as guarantor, and the Trustee, dated as of January 22, 2013, as supplemented by a supplemental indenture. The senior indenture and the subordinated indenture have been filed as exhibits to the registration statement of which this prospectus is a part.

Neither indenture limits the aggregate principal amount of debt securities that NuStar Logistics may issue under that indenture. The debt securities may be issued in one or more series as NuStar Logistics may authorize from time to time. You should read the indentures for provisions that may be important to you because the indentures, and not this description, govern your rights as a holder of debt securities.

Guarantees

NuStar Logistics' payment obligations under any series of debt securities will be fully and unconditionally guaranteed by NuStar Energy and NuPOP, jointly and severally. Each of NuStar Energy and NuPOP will execute a notation of guarantee as further evidence of its guarantee. The applicable prospectus supplement will describe the terms of any guarantees by NuStar Energy and NuPOP.

Pursuant to the guarantees, each of NuStar Energy and NuPOP will guarantee the due and punctual payment of the principal of, and interest and premium, if any, on, the debt securities of a particular series, when the same shall become due, whether by acceleration or otherwise. The guarantees will be enforceable against each of NuStar Energy and NuPOP without any need to first enforce any debt securities against NuStar Logistics.

The guarantees of the senior debt securities:

will be the unsecured and unsubordinated general obligations of NuStar Energy and NuPOP; and

will rank on a parity with all of the other unsecured and unsubordinated indebtedness of NuStar Energy and NuPOP.

If a series of subordinated debt securities is guaranteed by NuStar Energy and NuPOP, then the guarantees will be subordinated to the senior debt of NuStar Energy and NuPOP, respectively, to substantially the same extent as the

series of subordinated debt securities is subordinated to the senior debt of NuStar Logistics.

Table of Contents

Specific Terms of Each Series of NuStar Logistics Debt Securities in the Prospectus Supplement

NuStar Logistics will prepare a prospectus supplement and a supplemental indenture or authorizing resolutions relating to any series of debt securities being offered, which will include specific terms relating to such debt securities. These terms will include some or all of the following:

the form and title of the debt securities;

the total principal amount of the debt securities;

the date or dates on which the debt securities may be issued;

whether the debt securities are senior or subordinated debt securities;

the currency or currencies in which principal and interest will be paid, if not U.S. dollars;

the portion of the principal amount which will be payable if the maturity of the debt securities is accelerated;

any right NuStar Logistics may have to defer payments of interest by extending the dates payments are due and whether interest on those deferred amounts will be payable as well;

the dates on which the principal of the debt securities will be payable;

the interest rate that the debt securities will bear and the interest payment dates for the debt securities;

any conversion or exchange provisions;

any optional redemption provisions;

any sinking fund or other provisions that would obligate NuStar Logistics to repurchase or otherwise redeem the debt securities;

any changes to or additional events of default or covenants;

the subordination, if any, of the debt securities and any changes to the subordination provisions of the subordinated indenture; and

any other terms of the debt securities.

Provisions Only in the NuStar Logistics Senior Indenture

Summary

The NuStar Logistics senior debt securities will rank equally in right of payment with all other senior and unsubordinated debt of NuStar Logistics and NuPOP and senior in right of payment to any subordinated debt (including the subordinated debt securities) of NuStar Logistics and NuPOP. The senior indenture contains restrictive covenants, including provisions that:

limit the ability of NuStar Logistics to put liens on any of its property or assets; and

limit the ability of NuStar Logistics to sell and lease back its principal assets.

Subordinated debt securities issued by NuStar Logistics under the subordinated indenture may or may not be subject to similar provisions, as will be specified in the applicable prospectus supplement. NuStar Logistics has described below these provisions and some of the defined terms used in them.

Limitation on Liens

The senior indenture provides that NuStar Logistics will not, nor will it permit any subsidiary to, create, assume, incur or suffer to exist any lien upon any property or assets, whether owned or leased on the date of the senior indenture or thereafter acquired, to secure any of its debt or debt of any other person (other than the senior

Table of Contents

debt securities issued thereunder), without in any such case making effective provision whereby all of the senior debt securities outstanding thereunder shall be secured equally and ratably with, or prior to, such debt so long as such debt shall be so secured.

This restriction does not apply to:

- (1) Permitted Liens, as defined below;
- (2) any lien upon any property or assets of NuStar Logistics or any subsidiary in existence on the date the senior debt securities of such series are first issued or created pursuant to an after-acquired property clause or similar term or provided for pursuant to agreements existing on such date;
- (3) any lien upon any property or assets created at the time of acquisition of such property or assets by NuStar Logistics or any subsidiary or within one year after such time to secure all or a portion of the purchase price for such property or assets or debt incurred to finance such purchase price, whether such debt was incurred prior to, at the time of or within one year after the date of such acquisition;
- (4) any lien upon any property or assets existing thereon at the time of the acquisition thereof by NuStar Logistics or any subsidiary; provided, however, that such lien only encumbers the property or assets so acquired;
- (5) any lien upon any property or assets of a person existing thereon at the time such person becomes a subsidiary by acquisition, merger or otherwise; provided, however, that such lien only encumbers the property or assets of such person at the time such person becomes a subsidiary;
- (6) any lien upon any property or assets to secure all or part of the cost of construction, development, repair or improvements thereon or to secure debt incurred prior to, at the time of, or within one year after completion of such construction, development, repair or improvements or the commencement of full operations thereof, whichever is later, to provide funds for any such purpose;
- (7) any lien imposed by law or order as a result of any proceeding before any court or regulatory body that is being contested in good faith, and liens which secure a judgment or other court-ordered award or settlement as to which NuStar Logistics or the applicable subsidiary has not exhausted its appellate rights;
- (8) any lien upon any additions, improvements, replacements, repairs, fixtures, appurtenances or component parts thereof attaching to or required to be attached to property or assets pursuant to the terms of any mortgage, pledge agreement, security agreement or other similar instrument creating a lien upon such property or assets permitted by clauses (1) through (7) above;

(9) any extension, renewal, refinancing, refunding or replacement (or successive extensions, renewals, refinancings, refundings or replacements) of any lien, in whole or in part, referred to in clauses (1) through (8), inclusive, above; provided, however, that the principal amount of debt secured thereby shall not exceed the principal amount of debt so secured at the time of such extension, renewal, refinancing, refunding or replacement (plus in each case the aggregate amount of premiums, other payments, costs and expenses required to be paid or incurred in connection with such extension, renewal, refinancing, refunding or replacement); provided, further, however, that such extension, renewal, refinancing, refunding or replacement lien shall be limited to all or a part of the property (including improvements, alterations and repairs on such property) subject to the encumbrance so extended, renewed, refinanced, refunded or replaced (plus improvements, alterations and repairs on such property); or

(10) any lien resulting from the deposit of moneys or evidence of indebtedness in trust for the purpose of defeasing debt of NuStar Logistics or any subsidiary.

Notwithstanding the foregoing, NuStar Logistics may, and may permit any subsidiary to, create, assume, incur, or suffer to exist any lien upon any property or assets to secure its debt or debt of any person (other than the senior debt securities) that is not excepted by clauses (1) through (10), inclusive, above without securing the

Table of Contents

senior debt securities issued under the senior indenture, provided that the aggregate principal amount of all debt then outstanding secured by such lien and all similar liens, together with all Attributable Indebtedness, as defined below, from Sale-Leaseback Transactions, as defined below (excluding Sale-Leaseback Transactions permitted by clauses (1) through (4), inclusive, of the first paragraph of the restriction on sale-leasebacks covenant described below) does not exceed 10% of Consolidated Net Tangible Assets (as defined below).

Permitted Liens means:

Liens upon rights-of-way for pipeline purposes created by a person other than NuStar Logistics;

any statutory or governmental lien or lien arising by operation of law, or any mechanics , repairmen s, materialmen s, suppliers , carriers , landlords , warehousemen s or similar lien incurred in the ordinary course of business which is not yet due or which is being contested in good faith by appropriate proceedings and any undetermined lien which is incidental to construction, development, improvement or repair;

the right reserved to, or vested in, any municipality or public authority by the terms of any right, power, franchise, grant, license, permit or by any provision of law, to purchase or recapture or to designate a purchaser of, any property;

any lien of taxes and assessments which are (A) for the then current year, (B) not at the time delinquent, or (C) delinquent but the validity of which is being contested in good faith at the time by NuStar Logistics or any subsidiary;

any lien of, or to secure the performance of, leases, other than capital leases;

any lien upon, or deposits of, any assets in favor of any surety company or clerk of court for the purpose of obtaining indemnity or stay of judicial proceedings;

any lien upon property or assets acquired or sold by NuStar Logistics or any subsidiary resulting from the exercise of any rights arising out of defaults on receivables;

any lien incurred in the ordinary course of business in connection with worker s compensation, unemployment insurance, temporary disability, social security, retiree health or similar laws or regulations or to secure obligations imposed by statute or governmental regulations;

any lien in favor of NuStar Logistics or any subsidiary;

Edgar Filing: NuStar Energy L.P. - Form 424B5

any lien in favor of the United States of America or any state thereof, or any department, agency or instrumentality or political subdivision of the United States of America or any state thereof, to secure partial, progress, advance, or other payments pursuant to any contract or statute, or any debt incurred by NuStar Logistics or any subsidiary for the purpose of financing all or any part of the purchase price of, or the cost of constructing, developing, repairing or improving, the property or assets subject to such lien;

any lien securing industrial development, pollution control or similar revenue bonds;

any lien securing debt of NuStar Logistics or any subsidiary, all or a portion of the net proceeds of which are used, substantially concurrent with the funding thereof (and for purposes of determining such substantial concurrence, taking into consideration, among other things, required notices to be given to holders of outstanding senior debt securities under the senior indenture in connection with such refunding, refinancing or repurchase, and the required corresponding durations thereof), to refinance, refund or repurchase all outstanding senior debt securities under the senior indenture including the amount of all accrued interest thereon and reasonable fees and expenses and premium, if any, incurred by NuStar Logistics or any subsidiary in connection therewith;

any lien in favor of any person to secure obligations under the provisions of any letters of credit, bank guarantees, bonds or surety obligations required or requested by any governmental authority in connection with any contract or statute; or

Table of Contents

any lien upon or deposits of any assets to secure performance of bids, trade contracts, leases or statutory obligations.

Consolidated Net Tangible Assets means, at any date of determination, the total amount of assets after deducting therefrom:

all current liabilities, excluding (A) any current liabilities that by their terms are extendable or renewable at the option of the obligor thereon to a time more than 12 months after the time as of which the amount thereof is being computed, and (B) current maturities of long-term debt, and

the value, net of any applicable amortization, of all goodwill, trade names, trademarks, patents, unamortized debt discount and expense and other like intangible assets, all as set forth on the consolidated balance sheet of NuStar Energy for its most recently completed fiscal quarter, prepared in accordance with United States generally accepted accounting principles.

Restrictions on Sale-Leasebacks

The NuStar Logistics senior indenture provides that NuStar Logistics will not, and will not permit any subsidiary to, engage in the sale or transfer by NuStar Logistics or any subsidiary of any property or assets to a person (other than NuStar Logistics or a subsidiary) and the taking back by NuStar Logistics or any subsidiary, as the case may be, of a lease of such property or assets (a Sale-Leaseback Transaction), unless:

- (1) the Sale-Leaseback Transaction occurs within one year from the date of completion of the acquisition of the property or assets subject thereto or the date of the completion of construction, development or substantial repair or improvement, or commencement of full operations on such property or assets, whichever is later;
- (2) the Sale-Leaseback Transaction involves a lease for a period, including renewals, of not more than three years;
- (3) NuStar Logistics or such subsidiary would be entitled to incur debt secured by a lien on the property or assets subject thereto in a principal amount equal to or exceeding the Attributable Indebtedness from such Sale-Leaseback Transaction without equally and ratably securing the senior debt securities issued under the senior indenture; or
- (4) NuStar Logistics or such subsidiary, within a one-year period after such Sale-Leaseback Transaction, applies or causes to be applied an amount not less than the Attributable Indebtedness from such Sale-Leaseback Transaction to (A) the prepayment, repayment, redemption, reduction or retirement of Pari Passu Debt of NuStar Logistics, or (B) the expenditure or expenditures for property or assets used or to be used in the ordinary course of business of NuStar Logistics or its subsidiaries.

Notwithstanding the foregoing, NuStar Logistics may, and may permit any of its subsidiaries to, effect any Sale-Leaseback Transaction that is not excepted by clauses (1) through (4), inclusive, above; provided that the

Attributable Indebtedness from the Sale-Leaseback Transaction, together with the aggregate principal amount of then outstanding debt other than the senior debt securities secured by liens upon any property or assets of NuStar Logistics or its subsidiaries not excepted by clauses (1) through (10), inclusive, of the second paragraph of the limitation on liens covenant described above, do not exceed 10% of the Consolidated Net Tangible Assets.

Attributable Indebtedness, when used with respect to any Sale-Leaseback Transaction, means, as at the time of determination, the present value, discounted at the rate set forth or implicit in the terms of the lease included in the transaction, of the total obligations of the lessee for rental payments, other than amounts required to be paid on account of property taxes, maintenance, repairs, insurance, assessments, utilities, operating and labor costs and other items that constitute payments for property rights, during the remaining term of the lease included in the Sale-Leaseback Transaction, including any period for which the lease has been extended. In the case of any lease that is terminable by the lessee upon the payment of a penalty or other termination payment, the amount shall be the lesser of the amount determined assuming termination upon the first date the lease may be

Table of Contents

terminated, in which case the amount shall also include the amount of the penalty or termination payment, but no rent shall be considered as required to be paid under the lease subsequent to the first date upon which it may be so terminated, or the amount determined assuming no termination.

Pari Passu Debt means any debt of NuStar Logistics, whether outstanding on the date any senior debt securities are issued under the senior indenture or thereafter created, incurred or assumed, unless in the case of any particular debt, the instrument creating or evidencing the same or pursuant to which the same is outstanding expressly provides that such debt shall be subordinated in right of payment to the senior debt securities.

Provisions Only in the NuStar Logistics Subordinated Indenture

Subordinated Debt Securities Subordinated to Senior Debt

The subordinated debt securities will rank junior in right of payment to all of the Senior Debt of NuStar Logistics and NuPOP. **Senior Debt** is generally defined to include all notes or other evidences of indebtedness for money, including guarantees, borrowed by NuStar Logistics and NuPOP, as applicable, that are not expressly subordinate or junior in right of payment to any other indebtedness of NuStar Logistics or NuPOP.

Payment Blockages

The subordinated indenture will provide that no payment of principal, interest and any premium on the subordinated debt securities may be made in the event that NuStar Logistics fails to pay when due any amounts on any Senior Debt and in other instances specified in the subordinated indenture.

No Limitation on Amount of Senior Debt

The subordinated indenture will not limit the amount of Senior Debt that NuStar Logistics may incur.

Consolidation, Merger or Asset Sale

Pursuant to each of the indentures, NuStar Logistics may not consolidate with or merge into any other entity or sell, lease or transfer its properties and assets as, or substantially as, an entirety to, any entity, unless:

(a) in the case of a merger, NuStar Logistics is the surviving entity, or (b) the entity formed by such consolidation or into which NuStar Logistics is merged or the entity which acquires by sale or transfer, or which leases, NuStar Logistics' properties and assets as, or substantially as, an entirety expressly assumes the due and punctual payment of the principal of and any premium and interest on all the debt securities under the applicable indenture and the performance or observance of every covenant of the applicable indenture on the part of NuStar Logistics to be performed or observed and shall have expressly provided for conversion rights in respect of any series of outstanding securities with conversion rights;

the surviving entity or successor entity is an entity organized and existing under the laws of the United States of America, any state thereof or the District of Columbia;

immediately after giving effect to such transaction, no default or event of default shall have occurred and be continuing under the applicable indenture; and

NuStar Logistics has delivered to the Trustee under the applicable indenture an officers certificate and an opinion of counsel regarding compliance with the terms of the applicable indenture.

Table of Contents

Modification of Indentures

NuStar Logistics may modify or amend each indenture if the holders of a majority in principal amount of the outstanding debt securities of all series issued under the indenture affected by the modification or amendment consent to it. Without the consent of the holders of each outstanding debt security affected, however, generally no modification may:

change the stated maturity of the principal of or any installment of principal of or interest on any debt security;

reduce the principal amount of, the interest rate on or the premium payable upon redemption of any debt security;

change the redemption date for any debt security;

reduce the principal amount of an original issue discount debt security payable upon acceleration of maturity;

change the place of payment where any debt security or any premium or interest on any debt security is payable;

change the coin or currency in which any debt security or any premium or interest on any debt security is payable;

impair the right to institute suit for the enforcement of any payment on any debt security;

modify the provisions of the applicable indenture in a manner adversely affecting any right to convert or exchange any debt security into another security;

reduce the percentage in principal amount of outstanding debt securities of any series necessary to modify the applicable indenture, to waive compliance with certain provisions of the applicable indenture or to waive certain defaults and their consequences; or

modify any of the above provisions.

NuStar Logistics may modify or amend each indenture without the consent of any holders of the debt securities in certain circumstances, including:

to provide for the assumption of obligations of NuStar Logistics under such indenture and the debt securities issued thereunder by a successor;

to provide for the assumption of NuStar Energy's guarantee under such indenture by a successor;

to add covenants and events of default or to surrender any rights NuStar Logistics has under such indenture;

to secure the senior debt securities as described above under Provisions Only in the NuStar Logistics Senior Indenture Limitation on Liens;

to make any change that does not adversely affect any outstanding debt securities of a series in any material respect;

to supplement such indenture in order to establish a new series of debt securities under such indenture;

to provide for successor trustees;

to cure any ambiguity, omission, defect or inconsistency;

to provide for uncertificated securities in addition to certificated securities;

to supplement any provision of such indenture necessary to permit or facilitate the defeasance and discharge of any series of debt securities issued thereunder so long as that action does not adversely affect the interests of the holders of any outstanding debt securities issued thereunder;

Table of Contents

to comply with the rules or regulations of any securities exchange or automated quotation system on which any of the debt securities issued thereunder may be listed or traded; and

to qualify such indenture under the Trust Indenture Act of 1939, as amended (the Trust Indenture Act of 1939).

The holders of a majority in principal amount of the outstanding debt securities of any series issued under either of the indentures may waive past defaults, with respect to such series, under such indenture. The holders of a majority in principal amount of the outstanding debt securities of all affected series issued under either of the indentures (voting as one class) may waive compliance by NuStar Logistics with its covenants with respect to the debt securities of those series. Those holders may not, however, waive any default in any payment on any debt security of that series or compliance with a provision that cannot be modified or amended without the consent of each holder affected.

Events of Default and Remedies

Event of Default when used in each indenture, means any of the following with respect to debt securities of any series:

failure to pay interest on any debt security of that series for 30 days;

failure to pay the principal of or any premium on any debt security of that series when due;

failure to perform any other covenant or warranty in such indenture (other than a term, covenant or warranty a default in whose performance or whose breach is elsewhere in this event of default section specifically dealt with or which has expressly been included in the applicable indenture solely for the benefit of a series of debt securities other than that series) that continues for 60 days after written notice is given to NuStar Logistics by the Trustee or to NuStar Logistics and the Trustee by the holders of at least 25% in principal amount of the outstanding debt securities of the series, specifying such default and requiring it to be remedied and stating that such notice is a Notice of Default under the applicable indenture;

failure to pay any indebtedness of NuStar Logistics for borrowed money in excess of \$25 million, whether at final maturity (after the expiration of any applicable grace periods) or upon acceleration of the maturity thereof, if such indebtedness is not discharged, or such acceleration is not annulled, within 10 days after written notice is given to NuStar Logistics by the Trustee or to NuStar Logistics and the Trustee by the holders of at least 25% in principal amount of the outstanding debt securities of the series, specifying such default and requiring it to be remedied and stating that such notice is a Notice of Default under the applicable indenture;

certain events of bankruptcy, insolvency or reorganization of NuStar Logistics; or

any other Event of Default with respect to debt securities of that series included in such indenture or supplemental indenture.

The subordination provisions of the subordinated indenture do not affect the obligation of NuStar Logistics, which is absolute and unconditional, to pay, when due, the principal of and any premium and interest on the subordinated debt securities. In addition, such subordination provisions do not prevent the occurrence of any default under the subordinated indenture.

An Event of Default for a particular series of debt securities does not necessarily constitute an Event of Default for any other series of debt securities issued under either indenture. The Trustee may withhold notice to the holders of debt securities of any default, except in the payment of principal or interest, if it considers such withholding of notice to be in the best interests of the holders.

Table of Contents

If an Event of Default for any series of debt securities occurs and continues, the Trustee or the holders of at least 25% in aggregate principal amount of the debt securities of the series may declare the entire principal of (or, if any of the debt securities of that series are original issue discount debt securities, the portion of the principal specified in the terms of those securities), and accrued but unpaid interest, if any, on all the debt securities of that series to be due and payable immediately. If this happens, subject to certain conditions, the holders of a majority of the aggregate principal amount of the debt securities of that series can rescind the declaration. If an event of default relating to certain events of bankruptcy, insolvency or reorganization occurs, the entire principal of all the outstanding notes shall be due and payable immediately without further action or notice.

Other than its duties in case of a default, a trustee is not obligated to exercise any of its rights or powers under either indenture at the request, order or direction of any holders, unless the holders offer the Trustee reasonable indemnity. If they provide this reasonable indemnification, the holders of a majority in principal amount of any series of debt securities may, subject to certain limitations, direct the time, method and place of conducting any proceeding or any remedy available to the Trustee, or exercising any power conferred upon the Trustee, for any series of debt securities.

Registration of Debt Securities

NuStar Logistics may issue debt securities of a series in registered, bearer, coupon or global form.

Minimum Denominations

Unless the prospectus supplement for each issuance of debt securities states otherwise, the debt securities will be issued in registered form in amounts of \$1,000 each or multiples of \$1,000.

No Personal Liability of General Partner

Unless otherwise stated in a prospectus supplement and supplemental indenture relating to a series of debt securities being offered, the general partner of NuStar Logistics and its directors, officers, employees and stockholders (in their capacity as such) will not have any liability for NuStar Logistics' obligations under the indentures or the debt securities. In addition, NuStar GP, LLC, the general partner of NuStar Energy's general partner, and the directors, officers, employees and members of NuStar GP, LLC will not have any liability for NuStar Energy's or NuPOP's obligations as a guarantor under the indentures or the debt securities. Each holder of debt securities by accepting a debt security waives and releases all such liability. The waiver and release are part of the consideration for the issuance of the debt securities. This waiver may not be effective, however, to waive liabilities under the federal securities laws and it is the view of the SEC that such a waiver is against public policy.

Payment and Transfer

Principal, interest and any premium on fully registered securities will be paid at designated places. Payment will be made by check mailed to the persons in whose names the debt securities are registered on days specified in the indentures or any prospectus supplement. Debt securities payments in other forms will be paid at a place designated by NuStar Logistics and specified in a prospectus supplement.

Fully registered securities may be transferred or exchanged at the corporate trust office of the Trustee or at any other office or agency maintained by NuStar Logistics for such purposes, without the payment of any service charge except for any tax or governmental charge.

Form, Exchange, Registration and Transfer

Debt securities of any series will be exchangeable for other debt securities of the same series, the same total principal amount and the same terms but in different authorized denominations in accordance with the applicable indenture. Holders may present debt securities for registration of transfer at the office of the security registrar or

Table of Contents

any transfer agent NuStar Logistics designates. The security registrar or transfer agent will effect the transfer or exchange when it is satisfied with the documents of title and identity of the person making the request. NuStar Logistics will not charge a service charge for any registration of transfer or exchange of the debt securities. NuStar Logistics may, however, require the payment of any tax or other governmental charge payable for that registration.

NuStar Logistics will appoint the Trustee under each indenture as security registrar for the debt securities issued under that indenture. NuStar Logistics is required to maintain an office or agency for transfers and exchanges in each place of payment. NuStar Logistics may at any time designate additional transfer agents for any series of debt securities. In the case of any redemption in part, NuStar Logistics will not be required:

to issue, register the transfer of or exchange debt securities of a series either during a period beginning 15 business days prior to the selection of debt securities of that series for redemption and ending on the close of business on the day of mailing of the relevant notice of redemption; or

to register the transfer of or exchange any debt security, or portion of any debt security, called for redemption, except the unredeemed portion of any debt security NuStar Logistics is redeeming in part.

Discharging NuStar Logistics Obligations

NuStar Logistics may choose to either discharge its obligations on the debt securities of any series in a legal defeasance, or to release itself from its covenant restrictions on the debt securities of any series in a covenant defeasance. NuStar Logistics may do so at any time on the 91st day after it deposits with the applicable trustee sufficient cash or government securities to pay the principal, interest, any premium and any other sums due on the stated maturity date or a redemption date of the debt securities of the series. If NuStar Logistics chooses the legal defeasance option, the holders of the debt securities of the series will not be entitled to the benefits of the applicable indenture except for registration of transfer and exchange of debt securities, replacement of lost, stolen or mutilated debt securities, conversion or exchange of debt securities, sinking fund payments and receipt of principal and interest on the original stated due dates or specified redemption dates.

NuStar Logistics may discharge its obligations under the indentures or release itself from covenant restrictions only if it meets certain requirements. Among other things, NuStar Logistics must deliver to the Trustee an opinion of its legal counsel to the effect that holders of the series of debt securities will not recognize income, gain or loss for federal income tax purposes as a result of such defeasance and will be subject to federal income tax on the same amount and in the same manner and at the same times as would have been the case if such deposit and defeasance had not occurred. In the case of legal defeasance only, this opinion must be based on either a ruling received from or published by the Internal Revenue Service (the IRS) or change in federal income tax law. NuStar Logistics may not have a default on the debt securities discharged on the date of deposit. The discharge may not violate any of its agreements. The discharge may not result in NuStar Logistics becoming an investment company in violation of the Investment Company Act of 1940.

The Trustee

Resignation or Removal of Trustee

Under provisions of the indentures and the Trust Indenture Act of 1939 governing trustee conflicts of interest, any uncured Event of Default with respect to any series of senior debt securities will force the Trustee to resign as trustee

under either the subordinated indenture or the senior indenture. Also, any uncured Event of Default with respect to any series of subordinated debt securities will force the Trustee to resign as trustee under either the senior indenture or the subordinated indenture. Any resignation will require the appointment of a successor trustee under the applicable indenture in accordance with the terms and conditions of such indenture. NuStar Logistics may appoint a separate trustee for any series of debt securities. The term trustee refers to the Trustee appointed with respect to any such series of debt securities. The holders of a majority in aggregate principal amount of the debt securities of any series may remove the Trustee with respect to the debt securities of such series.

Table of Contents

Limitations on Trustee if it is a Creditor of NuStar Logistics

There are limitations on the right of the Trustee, in the event that it becomes a creditor of NuStar Logistics, to obtain payment of claims in certain cases, or to realize on certain property received in respect of any such claim as security or otherwise.

Annual Trustee Report to Holders of Debt Securities

The Trustee is required to submit an annual report to the holders of the debt securities regarding, among other things, the Trustee's eligibility to serve as such, the priority of the Trustee's claims regarding certain advances made by it, and any action taken by the Trustee materially affecting the debt securities.

Certificates and Opinions to be Furnished to Trustee

Every application by NuStar Logistics for action by the Trustee shall be accompanied by a certificate of certain of the officers of NuStar Logistics' general partner and an opinion of counsel (who may be counsel for NuStar Logistics) stating that, in the opinion of the signers, all conditions precedent to such action have been complied with by NuStar Logistics.

Table of Contents

BOOK-ENTRY SECURITIES

Unless otherwise specified in the applicable prospectus supplement, NuStar Energy or NuStar Logistics, as the case may be, will issue to investors securities, other than NuStar Energy common units, in the form of one or more book-entry certificates registered in the name of a depository or a nominee of a depository. Unless otherwise specified in the applicable prospectus supplement, the depository will be The Depository Trust Company (DTC). We have been informed by DTC that its nominee will be Cede & Co (Cede). Accordingly, Cede is expected to be the initial registered holder of all securities that are issued in book-entry form.

No person that acquires a beneficial interest in securities issued in book-entry form will be entitled to receive a certificate representing those securities, except as set forth in this prospectus or in the applicable prospectus supplement. Unless and until definitive securities are issued under the limited circumstances described below, all references to actions by holders or beneficial owners of securities issued in book-entry form will refer to actions taken by DTC upon instructions from its participants, and all references to payments and notices to holders or beneficial owners will refer to payments and notices to DTC or Cede, as the registered holder of such securities.

DTC has informed us that it is:

a limited-purpose trust company organized under New York banking laws;

a banking organization within the meaning of the New York banking laws;

a member of the Federal Reserve System;

a clearing corporation within the meaning of the New York Uniform Commercial Code; and

a clearing agency registered under the Securities Exchange Act of 1934.

DTC has also informed us that it was created to:

hold securities for participants; and

facilitate the computerized settlement of securities transactions among participants through computerized electronic book-entry changes in participants accounts, thereby eliminating the need for the physical movement of securities certificates.

Participants have accounts with DTC and include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. Indirect access to the DTC system also is available to indirect participants such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a participant, either directly or indirectly.

Persons that are not participants or indirect participants but desire to buy, sell or otherwise transfer ownership of or interests in securities may do so only through participants and indirect participants. Under the book-entry system, beneficial owners may experience some delay in receiving payments, as payments will be forwarded by our agent to Cede, as nominee for DTC. DTC will forward these payments to its participants, which thereafter will forward them to indirect participants or beneficial owners. Beneficial owners will not be recognized by the applicable registrar, transfer agent, trustee or depository as registered holders of the securities entitled to the benefits of the certificate, the indenture or any deposit agreement. Beneficial owners that are not participants will be permitted to exercise their rights as an owner only indirectly through participants and, if applicable, indirect participants.

Under the current rules and regulations affecting DTC, DTC will be required to make book-entry transfers of securities among participants and to receive and transmit payments to participants. Participants and indirect participants with which beneficial owners of securities have accounts are also required by these rules to make book-entry transfers and receive and transmit such payments on behalf of their respective account holders.

Table of Contents

Because DTC can act only on behalf of participants, who in turn act only on behalf of other participants or indirect participants, and on behalf of banks, trust companies and other persons approved by it, the ability of a beneficial owner of securities issued in book-entry form to pledge those securities to persons or entities that do not participate in the DTC system may be limited due to the unavailability of physical certificates for the securities.

DTC has advised us that it will take any action permitted to be taken by a registered holder of any securities under the certificate, the indenture or any deposit agreement only at the direction of one or more participants to whose accounts with DTC the securities are credited.

According to DTC, the information with respect to DTC has been provided to its participants and other members of the financial community for informational purposes only and is not intended to serve as a representation, warranty, or contract modification of any kind.

Unless otherwise specified in the applicable prospectus supplement, a book-entry security will be exchangeable for definitive securities registered in the names of persons other than DTC or its nominee only if:

DTC notifies us that it is unwilling or unable to continue as depository for the book-entry security or DTC ceases to be a clearing agency registered under the Securities Exchange Act of 1934 at a time when DTC is required to be so registered;

we execute and deliver to the applicable registrar, transfer agent, trustee and/or depository an order complying with the requirements of the certificate, the indenture or any deposit agreement that the book-entry security will be so exchangeable; or

in the case of debt securities, an event of default with respect to the applicable series of debt securities has occurred and is continuing.

Any book-entry security that is exchangeable in accordance with the preceding sentence will be exchangeable for securities registered in such names as DTC directs.

If one of the events described in the immediately preceding paragraph occurs, DTC is generally required to notify all participants of the availability through DTC of definitive securities. Upon surrender by DTC of the book-entry security representing the securities and delivery of instructions for re-registration, the registrar, transfer agent, trustee or depository, as the case may be, will reissue the securities as definitive securities. After reissuance of the securities, such persons will recognize the beneficial owners of such definitive securities as registered holders of securities.

Except as described above:

a book-entry security may not be transferred except as a whole book-entry security by or among DTC, a nominee of DTC and/or a successor depository appointed by us; and

DTC may not sell, assign or otherwise transfer any beneficial interest in a book-entry security unless the beneficial interest is in an amount equal to an authorized denomination for the securities evidenced by the book-entry security.

None of us, the Trustee, any registrar and transfer agent or any depository, or any agent of any of them, will have any responsibility or liability for any aspect of DTC's or any participant's records relating to, or for payments made on account of, beneficial interests in a book-entry security.

Table of Contents

MATERIAL TAX CONSEQUENCES

This section is a discussion of the material tax considerations that may be relevant to prospective common unitholders who are individual citizens or residents of the U.S. and, unless otherwise noted in the following discussion, is the opinion of Andrews Kurth LLP, counsel to our general partner and us, insofar as it relates to matters of U.S. federal income tax law and legal conclusions with respect to those matters. This section is based upon current provisions of the Internal Revenue Code, existing and proposed Treasury regulations promulgated under the Internal Revenue Code (the Treasury Regulations) and current administrative rulings and court decisions, all of which are subject to change. Later changes in these authorities may cause the tax consequences to vary substantially from the consequences described below. A description of the material federal income tax consequences of the acquisition, ownership and disposition of preferred units or debt securities will be set forth in the prospectus supplement relating to the offering of preferred units or debt securities, as applicable. Unless the context otherwise requires, references in this section to us, we or NuStar Energy are references to NuStar Energy L.P.

The following discussion does not address all federal income tax matters affecting us or the common unitholders and does not describe the application of the alternative minimum tax that may be applicable to certain common unitholders. Moreover, the discussion focuses on common unitholders who are individual citizens or residents of the U.S. and has only limited application to corporations, estates, entities treated as partnerships for U.S. federal income tax purposes, trusts, nonresident aliens, U.S. expatriates and former citizens or long-term residents of the United States or other common unitholders subject to specialized tax treatment, such as banks, insurance companies and other financial institutions, tax-exempt institutions, foreign persons, (including, without limitations, controlled foreign corporations, passive foreign investment companies and non-U.S. persons eligible for the benefits of an applicable income tax treaty with the United States), individual retirement accounts (IRAs), real estate investment trusts (REITs), employee benefit plans or mutual funds, dealers in securities or currencies, traders in securities, U.S. persons whose functional currency is not the U.S. dollar, persons holding their common units as part of a straddle, hedge, conversion transaction or other risk reduction transaction, and persons deemed to sell their common units under the constructive sale provisions of the Internal Revenue Code. In addition, the discussion only comments, to a limited extent, on state, local and foreign tax consequences. Accordingly, we urge each prospective common unitholder to consult, and depend on, his own tax advisor in analyzing the federal, state, local and foreign tax consequences particular to him of the ownership or disposition of the common units.

All statements as to matters of federal income tax law and legal conclusions with respect thereto, but not as to factual matters, contained in this section, unless otherwise noted, are the opinion of Andrews Kurth LLP and are based on the accuracy of the representations made by us and our general partner.

No ruling has been or will be requested from the IRS regarding our status as a partnership for federal income tax purposes or any matter affecting prospective common unitholders. Instead, we will rely on opinions and advice of Andrews Kurth LLP. Unlike a ruling, an opinion of counsel represents only that counsel's best legal judgment and does not bind the IRS or the courts. Accordingly, the opinions and statements made in this discussion may not be sustained by a court if contested by the IRS. Any contest of this sort with the IRS may materially and adversely impact the market for the common units and the prices at which the common units trade. In addition, the costs of any contest with the IRS, principally legal, accounting and related fees, will result in a reduction in cash available to pay distributions to our common unitholders and our general partner and thus will be borne indirectly by our common unitholders and our general partner. Furthermore, the tax treatment of us, or of an investment in us, may be significantly modified by future legislative or administrative changes or court decisions. Any modifications may or may not be retroactively applied.

Table of Contents

For the reasons described below, Andrews Kurth LLP has not rendered an opinion with respect to the following specific federal income tax issues:

the treatment of a common unitholder whose common units are loaned to a short seller to cover a short sale of common units (please read Tax Consequences of Common Unit Ownership Treatment of Short Sales);

whether our monthly convention for allocating taxable income and losses is permitted by existing Treasury Regulations (please read Disposition of Common Units Allocations Between Transferors and Transferees); and

whether our method for depreciating Section 743 adjustments is sustainable in certain cases (please read Tax Consequences of Common Unit Ownership Section 754 Election and Uniformity of Common Units).

Partnership Status

A partnership is not a taxable entity and incurs no federal income tax liability. Instead, each partner of a partnership is required to take into account his share of items of income, gain, loss and deduction of the partnership in computing his federal income tax liability, regardless of whether cash distributions are made to him by the partnership. Distributions by a partnership to a partner are generally not taxable to the partner unless the amount of cash distributed is in excess of the partner's adjusted basis in his partnership interest.

Section 7704 of the Internal Revenue Code provides that publicly traded partnerships will, as a general rule, be taxed as corporations. However, an exception, referred to as the Qualifying Income Exception, exists with respect to publicly traded partnerships of which 90% or more of the gross income for every taxable year consists of qualifying income. Qualifying income includes income and gains derived from the mining, exploration, production, refining, processing, transportation, storage and marketing of crude oil, natural gas and products thereof. Other types of qualifying income include interest (other than from a financial business), dividends, gains from the sale or other disposition of real property and gains from the sale or other disposition of capital assets held for the production of income that otherwise constitutes qualifying income. We estimate that less than 3% of our current gross income is not qualifying income; however, this estimate could change from time to time. Based on and subject to this estimate, the factual representations made by us and our general partner and a review of the applicable legal authorities, Andrews Kurth LLP is of the opinion that at least 90% of our current gross income constitutes qualifying income. The portion of our income that is qualifying income can change from time to time.

No ruling has been or will be sought from the IRS and the IRS has made no determination as to our status as a partnership for federal income tax purposes. Instead, we will