



smartsand®

Mine to Wellsite Solutions

Barclays CEO 2018 Power-Energy Conference

September 4, 2018

Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the federal securities laws. Statements that are predictive in nature, that depend upon or refer to future events or conditions or that include the words “believe,” “expect,” “anticipate,” “intend,” “estimate” and other expressions that are predictions of or indicate future events and trends and that do not relate to historical matters identify forward-looking statements. Our forward-looking statements include statements about our business strategy, our industry, our future profitability, our expected capital expenditures and the impact of such expenditures on our performance, the costs of being a publicly traded corporation and our capital programs.

A forward-looking statement may include a statement of the assumptions or bases underlying the forward-looking statement. We believe that we have chosen these assumptions or bases in good faith and that they are reasonable. Factors that could cause our actual results to differ materially from the results contemplated by such forward-looking statements include, but are not limited to (i) large or multiple customer defaults, including defaults resulting from actual or potential insolvencies, (ii) the level of production of crude oil, natural gas and other hydrocarbons and the resultant market prices of crude oil, natural gas, natural gas liquids and other hydrocarbons, (iii) changes in general economic and geopolitical conditions; (iv) competitive conditions in our industry, (v) changes in the long-term supply of and demand for oil and natural gas, (vi) actions taken by our customers, competitors and third-party operators, (vii) changes in the availability and cost of capital, (viii) our ability to successfully implement our business plan, (ix) our ability to complete growth projects on time and on budget, (x) the price and availability of debt and equity financing (including changes in interest rates), (xi) changes in our tax status, (xii) technological changes, (xiii) operating hazards, natural disasters, weather-related delays, casualty losses and other matters beyond our control, (xiv) the effects of existing and future laws and governmental regulations (or the interpretation thereof), (xv) failure to secure or maintain contracts with our largest customers or non-performance of any of those customers under the applicable contract, (xvi) the effects of future litigation, and such other factors discussed or referenced in the “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” sections of the Form10-K and the Form 10-Qs, filed by the Company with the SEC on March 15, 2018, May 10, 2018, and August 9, 2018, respectively.

You should not place undue reliance on our forward-looking statements. Although forward-looking statements reflect our good faith beliefs at the time they are made, forward-looking statements involve known and unknown risks, uncertainties and other factors, including the factors described in the preceding paragraph, which may cause our actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward-looking statements. You should also carefully consider the statements under the heading “Note About Forward-Looking Statements” in the Annual Report on Form 10-K for the year ended December 31, 2017. Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise, unless required by law.

In this presentation, assumptions were made with respect to industry performance, general business and economic conditions and other matters. Any estimates contained in these analyses – whether expressed or implied are based on estimates and are not necessarily indicative of actual values or predictive of future results or values, which may be significantly more or less favorable than as set forth herein. The Company reserves the right to change any or all of the estimates included herein whether as a result of any changes in the above referenced information, market factors or otherwise.

Industry and Market Data

This presentation has been prepared by the Company and includes market data and other statistical information from third-party sources, including independent industry publications, or other published independent sources. Although the Company believes these third-party sources are reliable as of their respective dates, the Company has not independently verified the accuracy or completeness of this information.

Reserves

Mineral resources and reserves are typically classified by confidence (reliability) levels based on the level of exploration, consistency and assurance of geologic knowledge of the deposit. This classification system considers different levels of geoscientific knowledge and varying degrees of technical and economic evaluation. Mineral reserves are derived from in situ resources through application of modifying factors, such as mining, analytical, economic, marketing, legal, environmental, social and governmental factors, relative to mining methods, processing techniques, economics and markets. In estimating our reserves, our independent reserve engineer does not classify a resource as a reserve unless that resource can be demonstrated to have reasonable certainty to be recovered economically in accordance with the modifying factors listed above. "Reserves" are defined by SEC Industry Guide 7 as that part of a mineral deposit that could be economically and legally extracted or produced at the time of the reserve determination. Industry Guide 7 defines "proven (measured) reserves" as reserves for which (a) quantity is computed from dimensions revealed in outcrops, trenches, workings or drill holes; grade and/or quality are computed from the results of detailed sampling and (b) the sites for inspection, sampling and measurement are spaced so closely and the geologic character is so well defined that size, shape, depth and mineral content of reserves are well-established. Industry Guide 7 defines "probable (indicated) reserves" as reserves for which quantity and grade and/or quality are computed from information similar to that used for proven (measured) reserves, but the sites for inspection, sampling, and measurement are farther apart or are otherwise less adequately spaced. The degree of assurance, although lower than that for proven (measured) reserves, is high enough to assume continuity between points of observation.

Non-GAAP Information

This presentation also contains information about the Company's EBITDA, Adjusted EBITDA, and contribution margin, which are not measures derived in accordance with U.S. generally accepted accounting principles ("GAAP") and which exclude components that are important to understanding the Company's financial performance. We define EBITDA as our net income, plus (i) depreciation, depletion, accretion and amortization expense; (ii) income tax expense (benefit); (iii) interest expense and (iv) franchise taxes. We define Adjusted EBITDA as EBITDA, plus (i) gain or loss on sale of fixed assets or discontinued operations, (ii) integration and transition costs associated with specified transactions, including our initial public offering, (iii) equity compensation, (iv) acquisition and development costs, (v) non-recurring cash charges related to restructuring, retention and other similar actions, (vi) earn-out and contingent consideration obligations, (vii) non-cash charges and unusual or non-recurring charges. We believe that our presentation of EBITDA and Adjusted EBITDA will provide useful information to investors in assessing our financial condition and results of operations. Net income is the GAAP measure most directly comparable to EBITDA and Adjusted EBITDA. EBITDA and Adjusted EBITDA should not be considered alternatives to net income presented in accordance with GAAP. Because EBITDA and Adjusted EBITDA may be defined differently by other companies in our industry, our definition of EBITDA and Adjusted EBITDA may not be comparable to similarly titled measures of other companies, thereby diminishing its utility. Reconciliations of EBITDA and Adjusted EBITDA to net income, the most directly comparable GAAP financial measure, can be found in the Appendix to this presentation.

We also use contribution margin, which we define as total revenues less costs of goods sold excluding depreciation, depletion and amortization, to measure our financial and operating performance. Contribution margin excludes other operating expenses and income, including costs not directly associated with the operations of our business such as accounting, human resources, information technology, legal, sales and other administrative activities. We believe contribution margin is a meaningful measure because it provides an operating and financial measure of our ability to generate margin in excess of our operating cost base. A reconciliation of contribution margin to gross profit, the most directly comparable GAAP financial measure, can be found in the Appendix to this presentation.

Key Investment Highlights



Long-lived,
High-Quality
Reserve Base

Strong
Industry
Fundamentals

Logistics
and Last Mile
Advantage

Focus on
Safety and
Environmental
Stewardship



smartsand[®]
Mine to Wellsite Solutions

Significant
Organic
Growth
Potential

Experienced
Management
Team

Strong
Balance Sheet
and Financial
Flexibility

Multi-Faceted Growth Strategy



Maximize Significant Organic Growth Potential at Oakdale

- Annual nameplate capacity increased to 5.5 million tons during 2Q 2018
- Strong O&G industry fundamentals driving organic growth

Development of Future Expansion Opportunities

- Hixton available for future development
- Two locations under lease in the Permian that are available for future development

Optimizing Logistics Infrastructure

- Capitalize on dual-serve rail capabilities at Oakdale to potentially reduce transportation costs
- Van Hook transload terminal in the Bakken commenced operations in April 2018
- Acquired Quickthree Solutions, Inc., a manufacturer of portable vertical frac sand storage solutions at the wellsite, in June 2018
- Look to invest in opportunities to efficiently manage sand from the mine to wellsite
 - Additional "in-basin" delivery points

Focusing on Cost Profile and Process Improvements

- Low royalty rates and minimal yield loss due to quality of sand reserves drive lower operating costs
- Continue to evaluate efficiency initiatives at Oakdale to reduce overall cost structure

Maintaining Financial Strength and Flexibility

- Access to capital markets and ample liquidity provides opportunity to pursue growth initiatives

Near-term Growth

Oakdale Expansion

- Expanded to 5.5 million tons of annual nameplate capacity during 2Q 2018
- Integrated plant design with new wet and dry plants enclosed for year-round processing

Transloading Terminal (Van Hook, North Dakota)

- Commenced operations in April 2018
- Signed long-term take-or-pay contract with an anchor customer at in-basin pricing
- \$15.5 million paid consideration
- Expected to result in incremental “in-basin” sales volumes

Last Mile Solution

- Acquired Quickthree Solutions, Inc. in June 2018 which will provide us with a portable silo solution for delivery of frac sand to the wellsite
- Consideration consisted of approximately \$30 million in cash and up to \$12.75 million in potential earn-outs paid out over a three-year period as units are manufactured
- Plan to spend \$7-10 million to build 5-7 fleets by year end 2018

Future Growth Potential

Oakdale

- Proven reserves of ~321 million tons provides significant ability to ramp annual nameplate processing capacity at Oakdale up to ~9 million tons

Hixton

- ~100 million tons of proven reserves
- Fully permitted and readily available for future expansion
- Well positioned for rebound in Canadian and increased U.S drilling activity

Permian Greenfield Mine Opportunities Under Evaluation to Provide Geographic Diversification of Mining Asset Base

- Minimal upfront cost to acquire acreage
- Low royalty rates
- Potential rail access for delivery of Northern White into the Permian Basin and/or shipment of Permian sand out to other locations



Mining and Production

Northern White Operations Overview

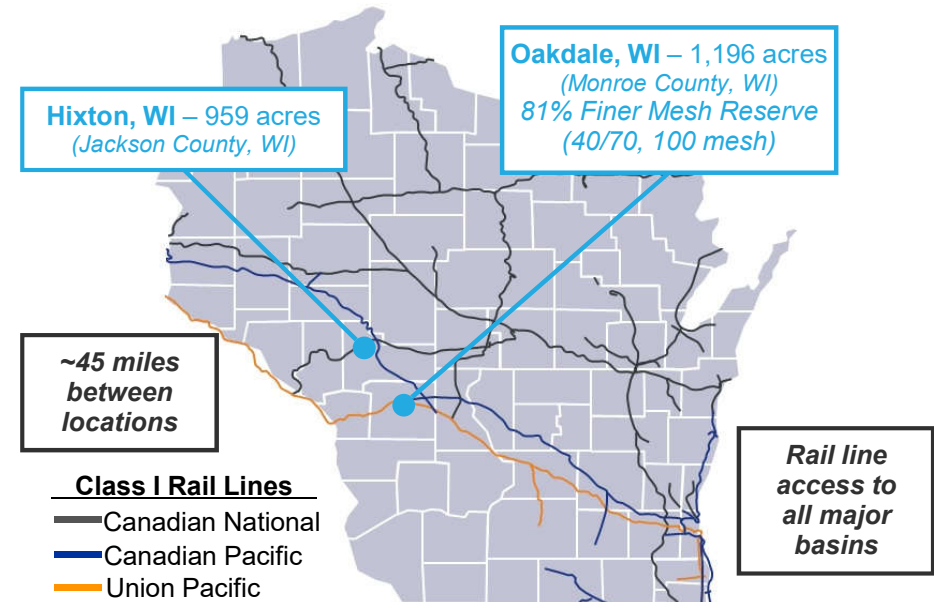


Smart Sand – Overview

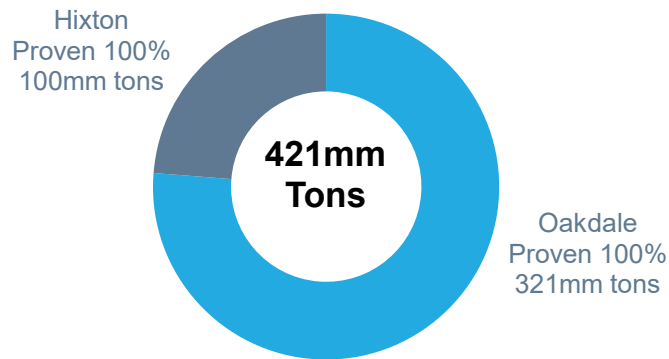
Smart Sand - pure-play, low-cost producer of high-quality Northern White raw frac sand

- The Company owns a Northern White raw frac sand mine, processing facility and a multi-unit train rail logistics loadout on the Canadian Pacific rail network, a Class I rail line, near Oakdale, Wisconsin
- The Company's Byron location is a multi-unit train capable facility on a Class I rail line owned by Union Pacific, ~3.5 miles away from the Oakdale facility
- The Company owns rights to operate a unit train capable Smart Sand owns a second property available for future development in Hixton, Wisconsin

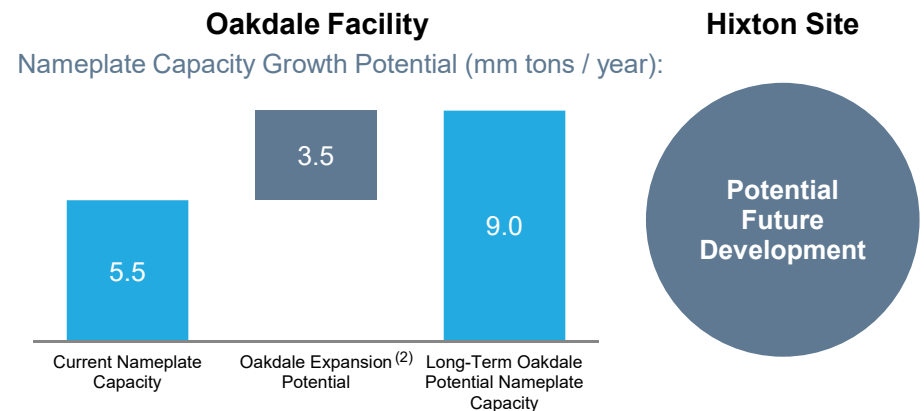
Reserve Locations



Sand Reserve Overview ⁽¹⁾



Significant Organic Growth Potential



Source: Smart Sand Management, Company disclosures.

(1) Reserves data as of December 31, 2017.

(2) Further development and permitting at the Oakdale facility could ultimately allow for production of up to 9 million tons of raw frac sand per year.

Oakdale Facility: High Quality Northern White Raw Frac Sand



Byron Transload



Cost-Effective, Differentiated Process

On-site Mining / Excavation



Conveyer Belt to On-site Wet Plant



Wet Plant Cleans and Sorts Product



Dry Plant Dries and Sorts Product



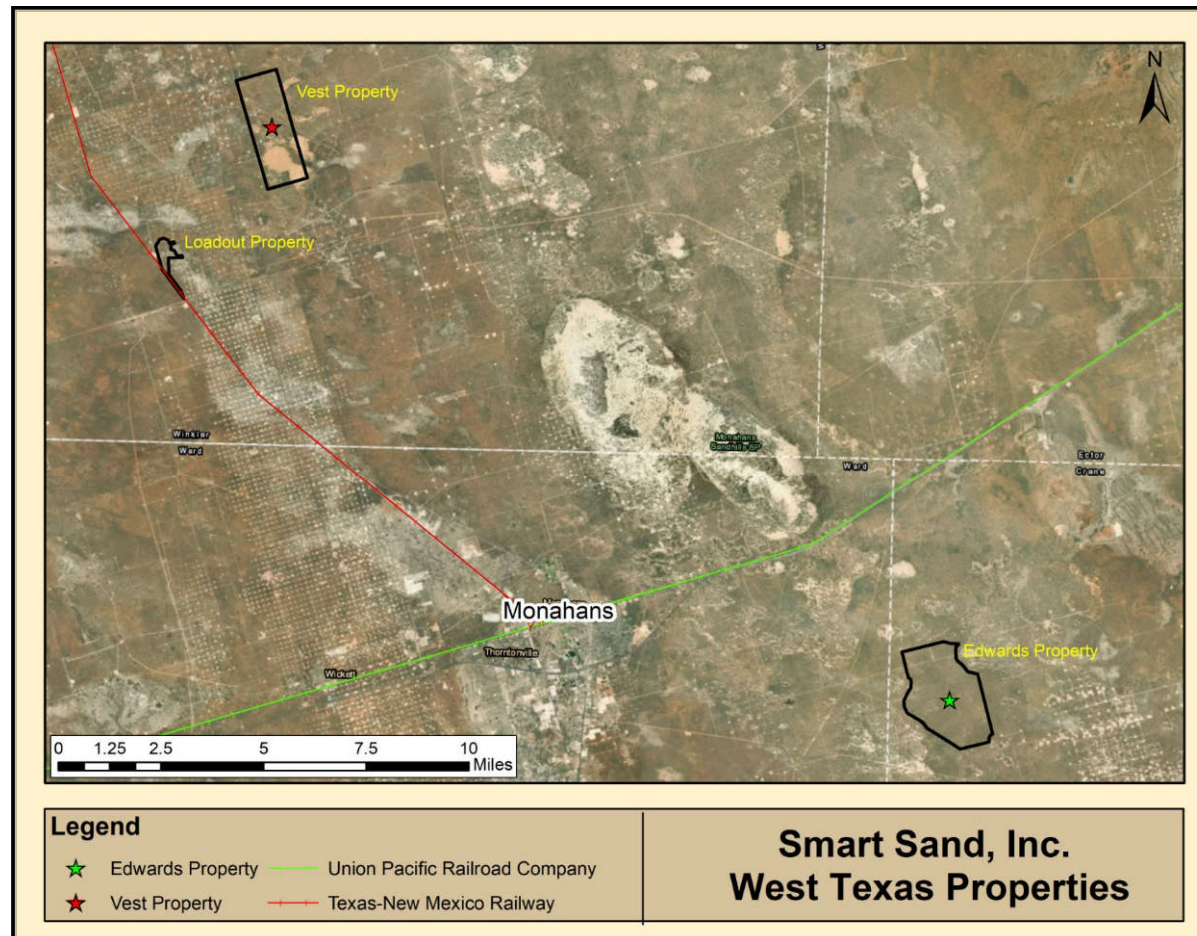
Unit Trains Deliver Dry Sand to Basin



- Low Cost Structure Due to Several Key Attributes:
 - Low royalty rates (\$0.50 per ton on 20/70 sand)
 - Higher mining yields due to balance of coarse and fine mineral reserve deposits
 - Minimal trucking required; reserves, processing plants, and rail facilities are centralized
- Evaluating Other Initiatives to Reduce Mining and Operating Costs

West Texas Mine Options (Permian Basin)

- 4,219 acres under lease in Winkler and Crane counties in the Permian Basin
- Total upfront consideration paid <\$5 million
- 20 years leases with the option to renew for an additional 20 years
- Low minimum royalty
- Positions Smart Sand to be able to provide sand directly to customers in the Permian Basin in the future with the ability to access rail





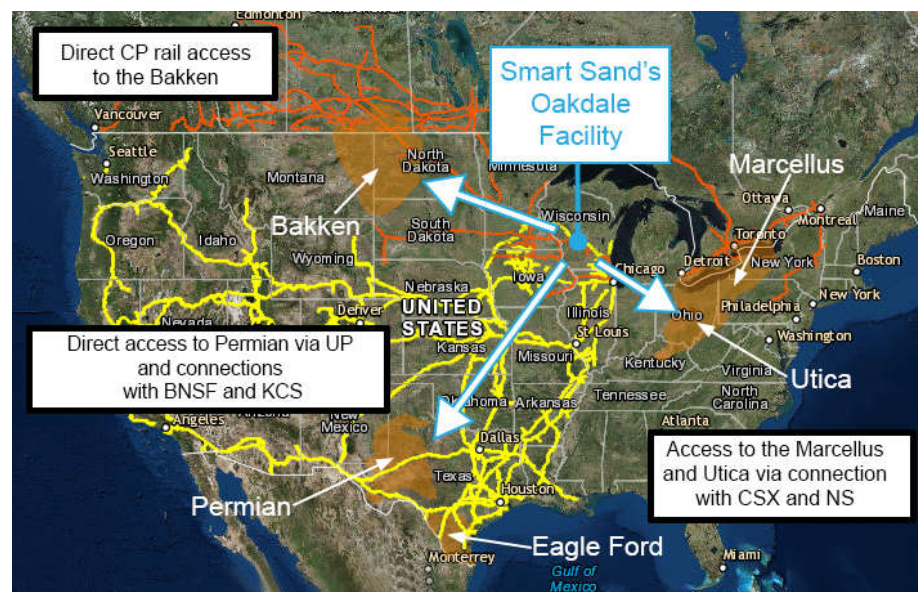
Logistics

Expansive Logistics Capabilities

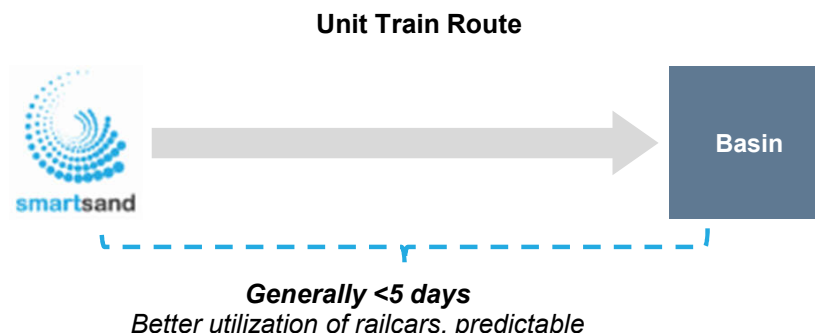
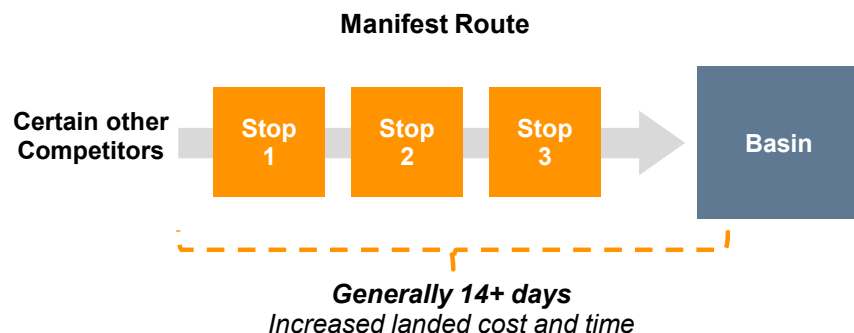
Key Logistical Advantages

- **On-Site Rail** – Eliminates significant trucking costs
- **Class I Rail Access** – Location on Canadian Pacific rail line allows access to multiple high-growth oil and gas plays and avoids interchange fees on local short-hauls
- **Rail Design** – Efficient rail design eliminates demurrage and optimizes load times
- **Unit Train Capability** – Reduces customer product delivery time and costs (see below)
- **Dual Source Capability** – Additional Union Pacific rail siding allows for opportunity to reduce freight costs by providing competition

Highly Competitive Delivery Capabilities



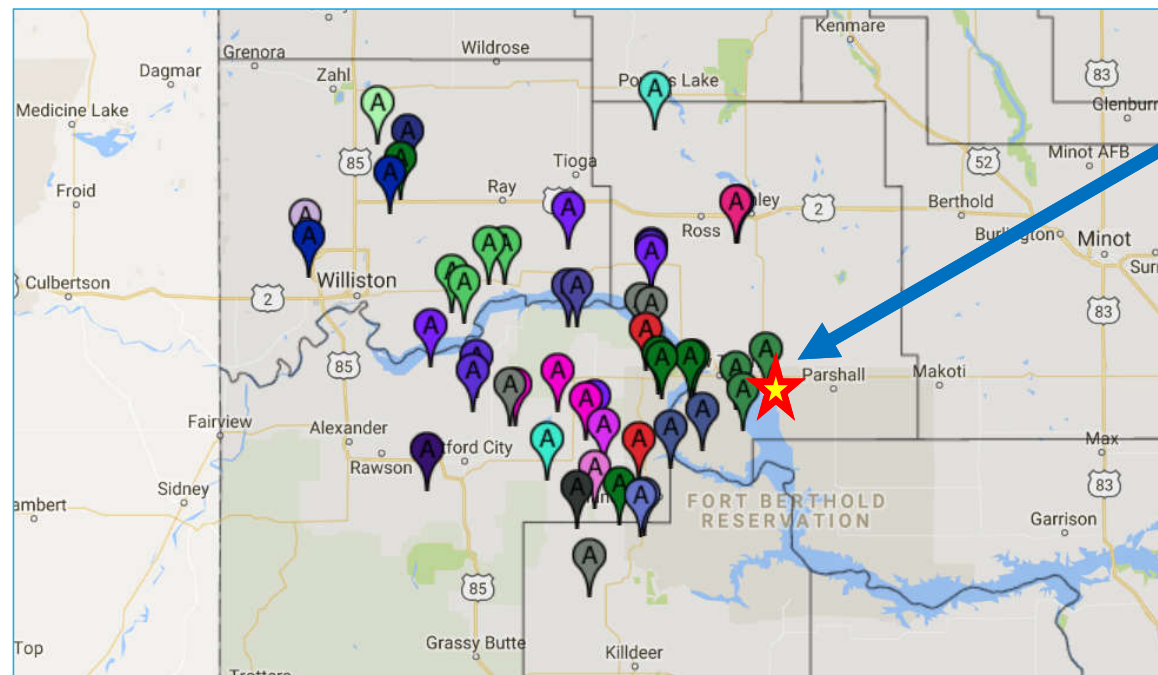
Manifest Route vs. Unit Train Route Benefits



Unit Trains Require Approximately a Third of the Time of Manifest Trains and Significantly Improve Reliability

Van Hook Terminal

- Location: Van Hook, ND
- Commenced operations in April 2018
- Signed long-term take-or-pay contract with an anchor customer at in-basin pricing
- \$15.5 million paid consideration
- Evaluating options to increase capacity
- Expected to result in incremental in-basin sales volumes



**Van Hook
Terminal**

Last Mile Acquisition

Quickthree Solutions, Inc. – Overview

- Acquisition closed in June 2018
- Manufacturer of portable vertical frac sand storage solutions at the wellsite
- Our goal is to provide a total service solution to deliver sand from mine to wellsite for our customers



Quickstand Silo Line



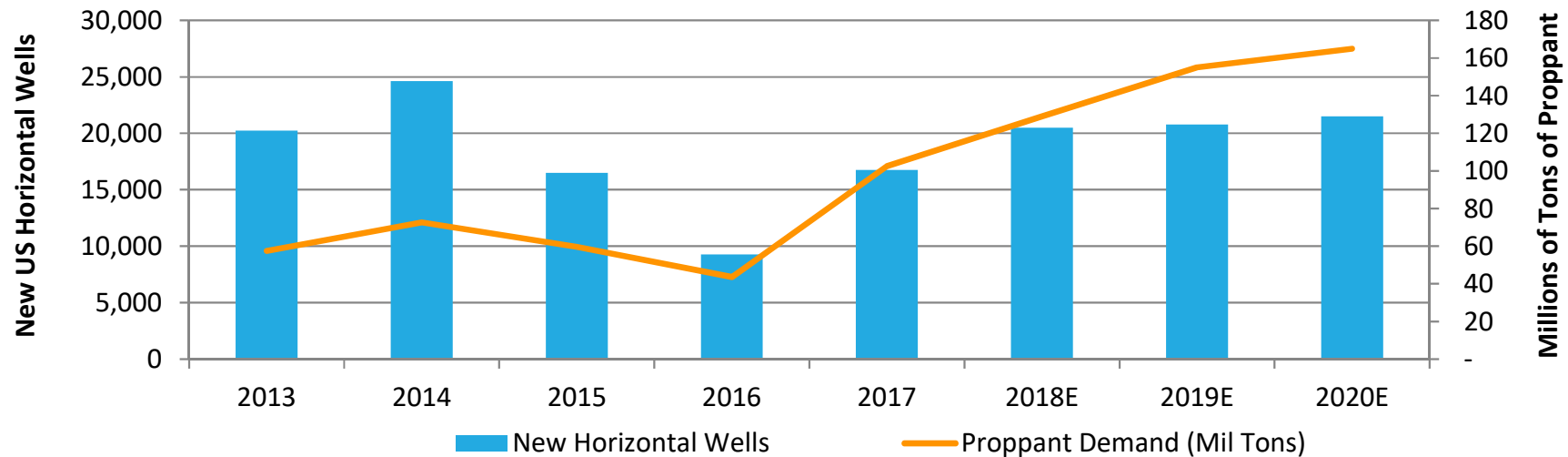


Industry Overview

Industry Trends Driving Growth in Sand Demand

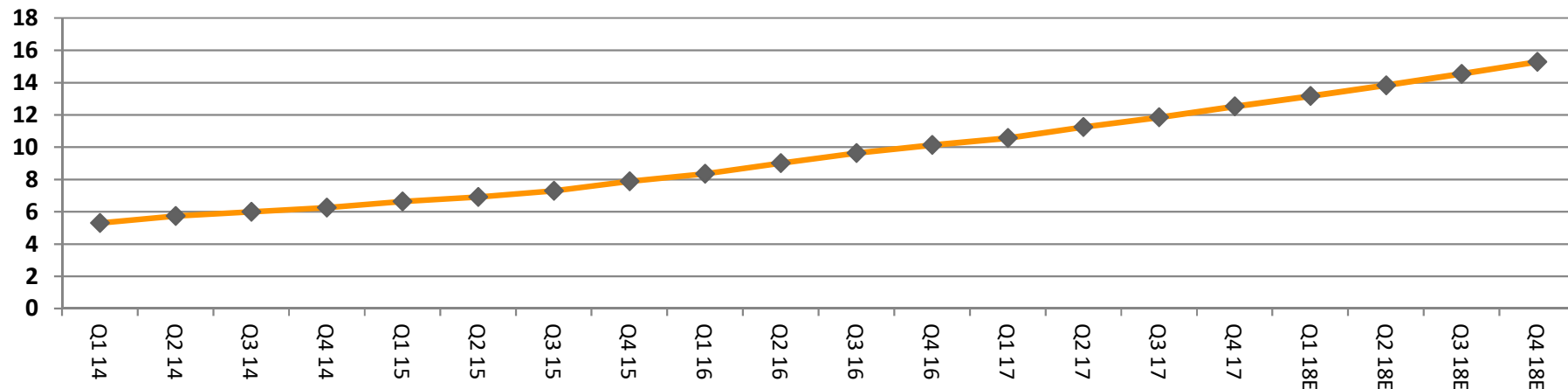


U.S. New Well Drilling & Proppant Demand



Proppant Per Well

Proppant / Well (Millions of pounds)



Market Growth Potential



**More Wells Drilled ... More Stages/Well ... More Proppant/Foot ...
More Proppant/ Well ... More Proppant Demand**

	2014 Average	2015 Average	2016 Average	2017 Average	2018E
New Horizontal Rigs Drilled	24,622	16,492	9,275	17,619	19,975
Avg. Lateral Length/Well	6,801 ft.	6,883 ft.	7,088 ft.	7,133 ft.	7,347 ft.
Pounds/Lateral Foot	869.3 lbs/ft	997.6 lbs/ft	1,187.6 lbs/ft	1,408.6 lbs/ft	1,627.8 lbs/ft
Pounds/Well	5.8M lbs.	7.2M lbs.	9.3M lbs.	11.5M lbs.	14.2M lbs.
Estimated Tons/Well	2,900 tons	3,600 tons	4,650 tons	5,750 tons	7,100 tons
Total Proppant Demand	72.7M tons	59.7M tons	43.7M tons	102.6M tons	141.6M tons
Total Frac Sand Demand ⁽¹⁾	65.5M tons	53.7M tons	39.3M tons	92.3M tons	127.4M tons

Source: Spears and Associates Hydraulic Fracturing Market Report Q4 2017 and Supplement, Q1 2018 & company estimates.

⁽¹⁾ Assumes that frac sand represents 90% of total proppant demand.

Growing Demand for Fine Sand



Mesh Sizes

- Proppant size is characterized by mesh size which is determined by sieving the proppant through mesh screens
 - Historically, large mesh sizes used for oily / liquids rich formations
 - Historically, smaller mesh sizes were used for natural gas formations
- Generally, E&P companies have two methods to control well performance: increase frac conductivity or reservoir contact area
- Due to smaller grain size, 100 mesh enhances reservoir contact area
 - Used more prominently in oil wells with increasingly positive results
- Focus on reservoir contact area has led to an increasing number of operators achieving better yields (higher production relative to optimized cost), increasing demand for 100 mesh

Market Outlook for Fine Sand

- According to Kelrik LLC, a notable driver impacting demand for fine mesh sand is increased proppant loadings, specifically, larger volumes of proppant placed per frac stage
- Kelrik expects the trend of using larger volumes of finer mesh materials, such as 100 mesh sand and 40/70 sand, to continue
- Due to innovations in completion techniques, demand for finer grade sands has also shown a considerable resurgence



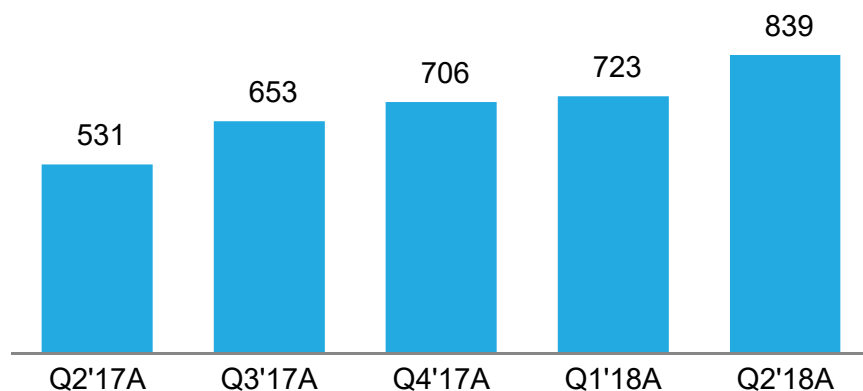
Financial Overview

Summary Financials



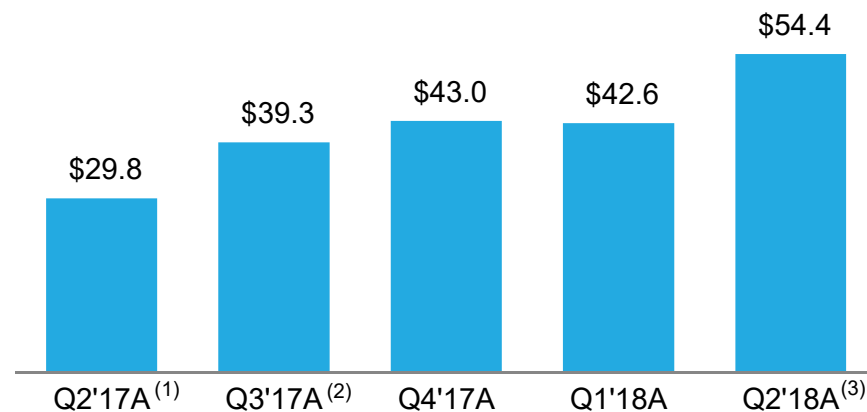
Quarterly Sales Volumes

(thousands of tons)

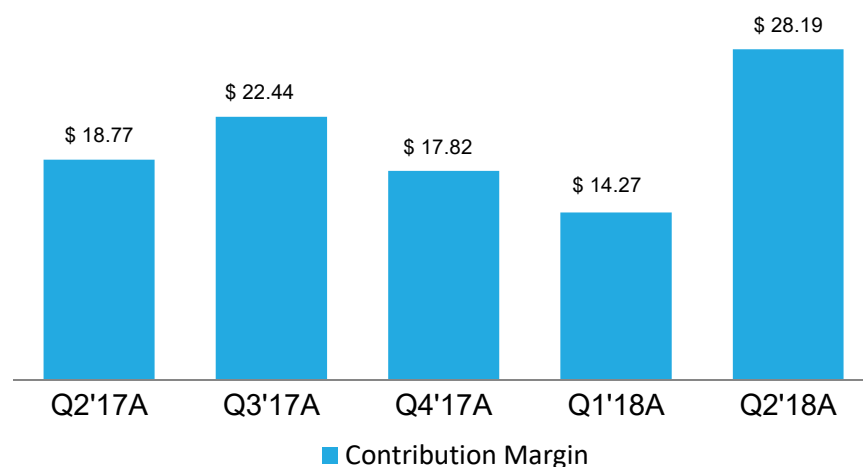


Quarterly Revenue

(\$ in millions)

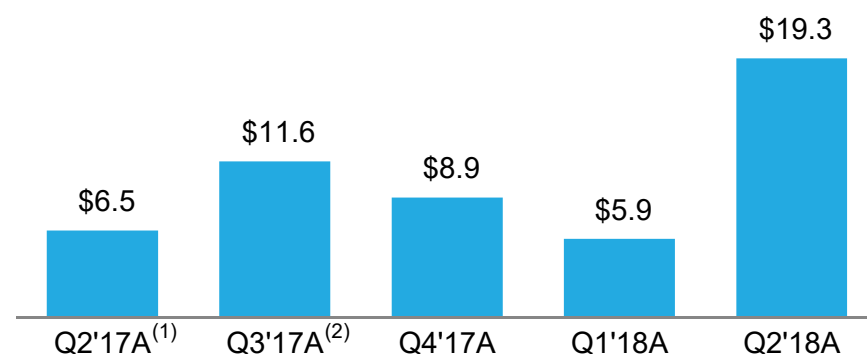


Contribution Margin/Ton



Quarterly Adjusted EBITDA

(\$ in millions)



- (1) Includes monthly minimum / shortfall payments of \$0.1 million for 2Q'17
 (2) Includes monthly minimum / shortfall payments of \$1.2 million for 3Q'17
 (3) Includes monthly minimum / shortfall payments of \$0.7 million for 2Q'18

Why Smart Sand?



High Quality Core Asset Base at Oakdale

- Expanded Oakdale to 5.5 million tons of annual nameplate processing capacity in 2Q 2018
- Available capacity at Oakdale to capture near-term volume growth
- Long-lived, high-quality reserve base to support existing operations as well as potential future expansions
- On-site multi-unit train rail access to Canadian Pacific and nearby access to Union Pacific (Class I)
- Integrated mining, plant and rail facilities reduce costs

Additional Growth

- In-basin terminals and innovative last mile logistics
- Hixton available for future expansion
- Locations in the Permian available for future development

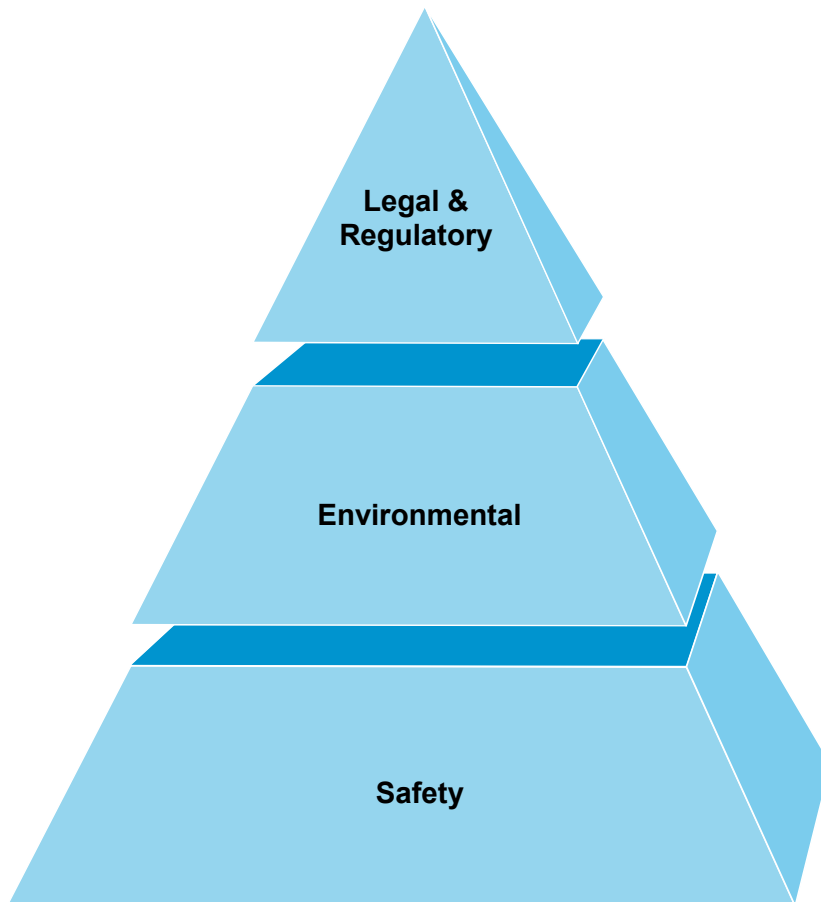
Financial Flexibility

- Significant balance sheet flexibility and liquidity
- Ability to use cash flow generation from Oakdale operations to support growth initiatives



Appendix

Committed to Highest Corporate Standards



- Management maintains close dialogue with its customers regarding the oil and gas industry's rigorous regulatory environment
- ISO registered Quality System and Environmental Management System in place
- Minimal environmental and community impact: on-site rail, careful mine design, moderated trucking and extensive use of conveyors
- A member of the Wisconsin Industrial Sand Association (WISA), a selective industry group promoting high standards for safety, sustainability and environmental performance
- Participant in Wisconsin's Green Tier program, demonstrating voluntary commitment to high environmental performance through projects that improve the environment and promote good community relations
- Our first priority is a safe work environment. Dedicated safety staff, continual training and daily inspections are part of our MSHA approved safety plan



Smart Sand is committed to providing a safe working environment and upholding the highest levels of environmental stewardship

Income Statement

	For the			
	Year ended Dec 31, 2015 (audited)	Year ended Dec 31, 2016 (audited)	Year ended Dec 31, 2017 (audited)	Six months ended June 30, 2018 (unaudited)
(\$ in millions)				
Revenues⁽¹⁾	\$47.7	\$59.2	\$137.2	97.1
Cost of sales	21.0	26.6	100.3	70.1
Gross profit	26.7	32.7	36.9	27.0
Operating expenses				
Salaries, benefits and payroll taxes	5.1	7.4	8.2	5.4
Depreciation and amortization	0.4	0.4	0.5	0.7
Selling, general and administrative	4.7	4.5	9.5	6.7
Total operating expenses	10.1	12.3	18.2	12.7
Income from operations	16.6	20.4	18.7	14.3
Preferred stock interest expense	(5.1)	(5.6)	—	—
Other interest expense	(2.7)	(2.9)	(0.5)	(0.7)
Other income	0.4	8.9	0.5	0.1
Total other expense	(7.5)	0.4	0.0	(0.6)
Loss on extinguishment of debt	—	(1.1)	—	—
Income (loss) before income tax expense	9.1	19.7	18.7	13.6
Income tax expense (benefit)	4.1	9.4	(2.8)	2.6
Net income (loss)	5.0	10.3	21.5	11.0
Adjusted EBITDA	23.9	37.9	30.6	25.1
Capital expenditures	29.4	2.5	51.1	96.7
Sales volumes (tons)	750,675	826,414	2,449,227	1,156,773

(1) Includes monthly minimum / shortfall payments of \$10.1 million for 2015, \$20.9 million for 2016, \$1.2 million for 2017 and \$0.7 million for 2018.

Balance Sheet

(\$ in millions)	As of			
	Dec 31, 2015 (audited)	Dec 31, 2016 (audited)	Dec 31, 2017 (audited)	June 30, 2018 (unaudited)
Current assets				
Cash and cash equivalents	\$3.9	\$47.5	\$35.2	\$1.7
Accounts receivable	6.0	5.7	24.6	29.0
Inventory – ST	4.2	10.3	9.5	11.5
Prepaid expenses and other assets	1.5	1.4	3.8	4.8
Total current assets	15.6	65.0	73.2	47.1
Noncurrent assets				
PP&E, net	108.9	104.1	171.8	224.0
Inventory – LT	8.0	3.2	–	–
Intangible assets, net	–	–	–	19.7
Goodwill	–	–	–	16.9
Deferred financing cost, net	0.5	1.2	1.9	3.8
Total noncurrent assets	117.4	108.4	173.6	264.4
Total assets	133.1	173.5	246.8	311.5
Current liabilities				
Accounts payable and accrued expenses	4.9	4.1	33.7	24.7
Deferred revenue	7.1	1.6	–	4.8
Income tax payable	–	7.1	–	–
Cap. lease & notes payable – current	1.8	1.0	0.9	0.4
Preferred stock liability – current	34.7	–	–	–
Total current liabilities	48.6	13.7	34.6	30.0
Noncurrent liabilities				
Revolving credit facility, net	63.3	–	–	44.7
Deferred tax liability	14.5	15.0	13.2	15.9
Asset retirement obligation	1.2	1.4	9.0	9.5
Contingent Consideration	–	–	–	9.2
Cap. lease & notes payable – noncurrent	1.8	0.9	–	–
Preferred stock liability – noncurrent	–	–	–	–
Total noncurrent liabilities	80.8	17.3	22.2	79.2
Total liabilities	129.4	31.0	56.8	109.2
Total stockholders' equity (deficit)	3.7	142.4	190.0	202.3
Total liabilities and stockholders' equity	133.1	173.5	246.8	311.5

Note: Figures may not tie due to rounding.

Statement of Cash Flows

	For the			
	Year ended Dec 31, 2015 (audited)	Year ended Dec 31, 2016 (audited)	Year ended Dec 31, 2017 (audited)	Six months ended June 30, 2018 (unaudited)
(\$ in millions)				
Operating activities				
Net income (loss)	\$5.0	\$10.4	\$21.5	\$11.0
Adjustments to reconcile net income (loss) to net cash provided by operating activities				
Depreciation, depletion and amortization of asset element obligation	5.3	6.5	7.9	7.4
Amortization of intangible assets	—	—	—	0.3
Asset retirement obligation	—	—	—	(1.8)
(Gain) loss on disposal of assets	0.1	(0.1)	0.3	—
Loss on derivatives	0.5	—	—	—
Loss on adjustment of debt	—	1.1	—	—
Revenue reserve	(0.1)	—	—	—
Amortization of deferred financing cost	0.3	0.2	0.5	0.1
Accretion of debt discount	0.5	0.3	—	0.1
Deferred income taxes	3.7	0.5	(1.8)	2.6
Stock-based compensation, net	0.8	1.4	2.0	1.3
Non-cash interest expense on revolving credit facility	0.7	—	—	—
Non-cash interest expense on Series A preferred stock	5.1	5.6	—	—
Changes in assets and liabilities				
Accounts and unbilled receivables	2.6	0.3	(18.8)	(4.3)
Inventories	(2.5)	(1.4)	4.4	(0.3)
Prepaid expenses and other assets	2.4	0.1	(3.4)	(3.0)
Deferred revenue	7.1	(5.5)	(1.6)	4.8
Accounts payable	(0.1)	0.8	9.4	(3.1)
Accrued and other expenses	(0.7)	(0.5)	2.4	3.6
Income taxes payable	—	7.0	(7.1)	—
Net cash provided by operating activities	30.7	26.7	15.6	18.8
Investing activities:				
Acquisition of businesses, net of cash acquired	—	—	—	(29.9)
Purchase of property, plant and equipment	(29.4)	(2.5)	(51.2)	(66.8)
Proceeds from disposal of assets	—	—	0.0	—
Net cash used in investing activities	(29.4)	(2.5)	(51.1)	(96.7)
Financing activities				
Repayments of notes payable	(0.5)	(1.4)	(0.3)	(0.3)
Payments under equipment financing obligators	(0.4)	(0.4)	(0.4)	(0.1)
Payment of deferred financing and amendment costs	(0.4)	(1.2)	(0.2)	(0.1)
Proceeds from revolving credit facility	12.8	1.1	—	59.0
Repayment of revolving credit facility	(9.6)	(65.3)	—	(14.0)
Proceeds from equity issuance	—	138.3	26.3	0.1
Payment of equity transaction costs	—	(11.0)	(2.1)	—
Repayment Series A preferred stock	—	(40.3)	—	—
Purchase of treasury stock	—	(0.4)	(0.1)	(0.2)
Net cash provided by (used in) financing activities	1.8	19.4	23.2	44.3
Effect of exchange rate changes on cash, cash equivalents, and restricted cash	—	—	—	0.1
Net (decrease) increase in cash	3.1	43.6	(12.3)	(33.5)
Cash at beginning of period	0.8	3.9	47.5	35.2
Cash at end of period	27	3.9	47.5	1.7

EBITDA Reconciliation

(\$ in thousands)	Year ended December 31,		
	2015	2016	2017
Net income (loss)	\$4,990	\$10,379	\$21,526
Depreciation, depletion, accretion and amortization	5,318	6,445	7,300
Income tax (benefit) expense	4,129	9,394	(2,809)
Interest expense	7,826	8,436	700
Franchise taxes	35	21	339
EBITDA	\$22,298	\$34,675	\$27,056
(Gain) Loss on sale of fixed assets ⁽¹⁾	39	(59)	253
Integration and transition costs	—	—	16
Initial public offering related costs ⁽²⁾	221	725	—
Equity compensation ⁽³⁾	792	1,426	1,652
Acquisition and development costs ⁽⁴⁾	76	—	845
Cash charges related to restructuring and retention ⁽⁵⁾	—	—	279
Non-cash charges ⁽⁶⁾	469	21	514
Loss on extinguishment of debt ⁽⁷⁾	—	1,051	—
Adjusted EBITDA	\$23,881	\$37,839	\$30,615

⁽¹⁾ Includes losses related to the sale and disposal of certain assets in property, plant and equipment.

⁽²⁾ For the year ended December 31, 2016, represents IPO-related bonuses. For the years ended December 31, 2016 and 2015, we incurred \$725 and \$221 of expenses related to previous IPO activities, respectively.

⁽³⁾ Represents the non-cash expenses for stock-based awards issued to our employees and employee stock purchase plan compensation expense.

⁽⁴⁾ Represents costs related to current development project activities.

⁽⁵⁾ Represents costs associated with the retention and relocation of employees.

⁽⁶⁾ Represents accretion of asset retirement obligations and loss on derivatives. For the years ended December 31, 2016 and 2015, we incurred a loss of \$5 and \$445 related to a propane derivative contract, respectively.

⁽⁷⁾ Reflects the loss on extinguishment of debt related to our November 2016 financing transaction.

EBITDA Reconciliation

(\$ in thousands)	Quarter ended				
	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018
Net income (loss)	\$2,624	\$7,047	\$10,886	\$975	\$10,021
Depreciation, depletion, accretion and amortization	1,693	1,756	2,184	3,160	4,296
Income tax expense (benefit)	1,154	1,686	(6,165)	232	2,413
Interest expense	182	172	174	219	509
Franchise taxes	10	70	31	220	109
EBITDA	\$5,663	\$10,731	\$7,110	\$4,806	\$17,348
Gain (loss) on sale of fixed assets ⁽¹⁾	194	30	66	—	—
Integration and transition costs	—	16	—	—	—
Equity compensation ⁽²⁾	585	516	495	490	668
Acquisition and development costs ⁽³⁾	—	79	766	328	914
Cash charges related to restructuring and retention ⁽⁴⁾	—	239	40	94	270
Non-cash charges ⁽⁵⁾	20	20	453	134	57
Adjusted EBITDA	\$6,462	\$11,631	\$8,930	\$5,852	\$19,257

⁽¹⁾ Includes losses related to the sale and disposal of certain assets in property, plant and equipment.

⁽²⁾ Represents the non-cash expenses for stock-based awards issued to our employees and employee stock purchase plan compensation expense.

⁽³⁾ Represents costs related to current development project activities. The three and six months ended June 30, 2018 includes \$0.8 million and \$1.2 million of costs related to the acquisition of substantially all of the assets of Quickthree Solutions, Inc.

⁽⁴⁾ Represents costs associated with the retention and relocation of employees.

⁽⁵⁾ Represents accretion of asset retirement obligations and loss on derivatives.

Contribution Margin Reconciliation

(\$ in thousands)	Quarter ended				
	6/30/2017	9/30/2017	12/30/2017	3/31/2018	6/30/2018
Revenue	\$29,787	\$39,329	\$43,037	\$42,628	\$54,448
Cost of goods sold	21,407	26,297	32,938	35,413	34,678
Gross profit	8,380	13,032	10,099	7,215	19,770
Depreciation, depletion, and accretion of asset retirement obligations	1,588	1,628	2,490	3,106	3,878
Contribution margin	\$9,968	\$14,660	\$12,589	\$10,321	\$23,648
Contribution margin per ton	\$18.77	\$22.44	\$17.82	\$14.28	\$28.19