Emerge Energy Services LP

Local Sands Footprint Expansion

April 2017

Forward Looking Statements & Reserve Estimates

This presentation contains forward-looking statements. These statements can be identified by the use of forward-looking terminology including “may,” “believe,” “will,” “expect,” “anticipate,” or “estimate.” These forward-looking statements involve risks and uncertainties, and there can be no assurance that actual results will not differ materially from those expected by management of Emerge Energy Services LP. When considering these forward-looking statements, you should keep in mind the risk factors and other cautionary statements in our annual report on Form 10-K filed with the SEC. The risk factors and other factors noted in our Form 10-K could cause our actual results to differ materially from those contained in any forward-looking statement. Except as required by law, Emerge Energy Services LP does not undertake any obligation to update or revise such forward-looking statements to reflect events or circumstances that occur after the date hereof.

The internal estimate of Osburn Materials’ sand reserves is based on surveying, drill core analysis and other tests performed by Emerge Energy’s geology and engineering staff. This estimate has not been reviewed by its independent reserve engineers and may be revised following ownership of the property. By its nature, this estimate is more speculative than proved or probable reserves and subject to greater risk that such reserves will not be realized.

Accomplishing Our Strategic Initiatives

2016 — 2017

① Reduced Costs During Downturn

- ☑ Implemented lower cost mining methods
- ☑ Restructured railcar leases
- ☑ Ran lowest cost plants
- ☑ Reduced overhead

② Introduced New Products

- ☑ SandGuard™ trials successfully reduced dust from handling
- ☑ SandMaxX™ self suspending sand successfully pumped in several wells

③ Sold Fuel Business

- ☑ Received an attractive valuation
- ☑ Proceeds used to paydown debt
- ☑ Pure-play frac sand company

④ Raised Equity

- ☑ Approximately $60mm gross equity raised
- ☑ Proceeds used for further debt reduction and balance sheet improvement

⑤ Expanded Footprint

- ☑ Osburn Materials offers high quality local frac sand
- ☑ Close proximity to prolific Texas basins

⑥ Next Steps

- ☐ Expand Osburn Materials site
- ☐ Further penetrate market with SandGuard™ and SandMaxX™
- ☐ Gain market share

Osburn Materials Acquisition Rationale

Competitive Advantages	■ Local & regional sands have proved effective for completion designs in certain shallow, low pressure wells ■ Northern white still preferred proppant, but local & regional sands are approximately 30-35% of the frac sand market ■ Delivered cost of sand to the Eagle Ford basin will be lowest in the country ■ Onsite rail service via the Union Pacific - delivered cost to the Permian basin will be competitive with Brady, TX sites and lower than most Midwestern plants ■ Mostly fine mesh sand (40/70 and 100 mesh) ■ Crush strength on frac grades meets API spec ■ Low production costs due to minimal overburden and no inter-plant trucking ■ Offers product lines other than frac sand (construction, foundry, and sports sands)
Select Transaction Highlights	■ Provides opportunity to diversify our reserve mix with local sands – Completes our product offering for all customers' needs (low, medium, and high quality raw sand plus technology-driven proppants) ■ Provides access to more rail origins ■ Increases exposure to fine mesh reserves ■ Attractive valuation compared to recently announced local sands transactions ■ Financed with second lien debt - no dilution to unit holders

Introduction to Osburn Materials

Property Details

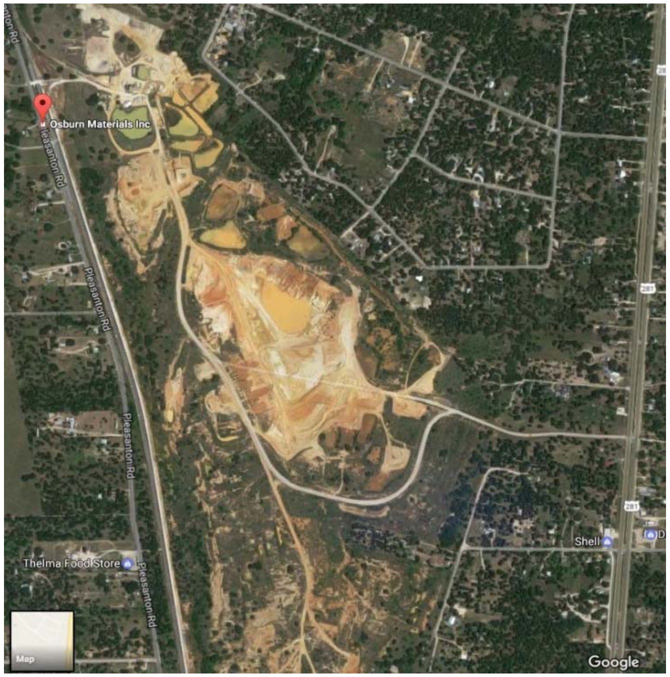
- Located 25 miles south of San Antonio, TX
- 650 total owned acres (surface and sand mineral rights)
- Estimated over 80 million[(1)] tons of reserves as of the acquisition date

Production Capacity

- Wet plant: approx. 600k tons per year ("tpy")
- Dry plant: approx. 300k tpy
- Plan to expand capacity to 600k tpy and then full scale 3mm tpy plant

Product Sales

- Osburn has an 80+ year operating history
- Current volumes approximately 400k tpy, not serving the energy sector
- Selling to foundry, construction, and sport sands markets



Sand Details

- 30/50, 40/70, and 100 mesh are all API spec

Logistics Access

- Direct trucking to four lane US Highway 281 to serve in-basin Eagle Ford demand
- Site has approx. 9,000 feet of property line on the Union Pacific mainline, rail spur comes into plant
- Access to BNSF mainline through our Elmendorf, TX terminal is approx. 15 miles from site

Note: (1) Internal estimates; third party engineering study to follow for SEC proven and probable reserves standards

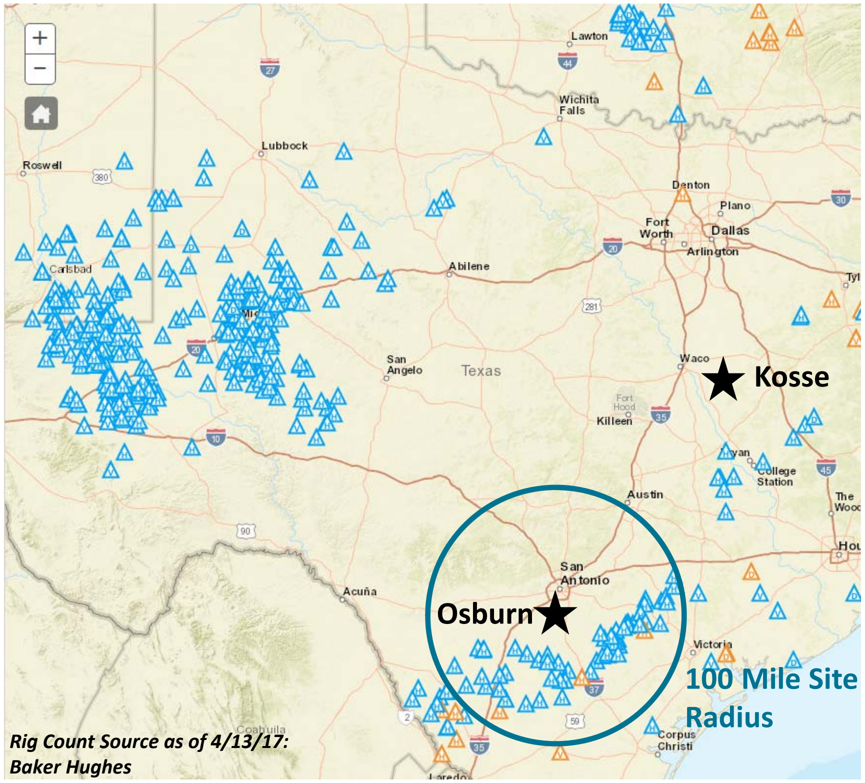
Osburn Materials' Strategic Location

Overview

- Major drilling activity is clustered in South and West Texas
- Most of the Eagle Ford activity is within 40-100 miles of the Osburn site for direct to wellhead trucking

In-Basin Trucking and Railroad Access

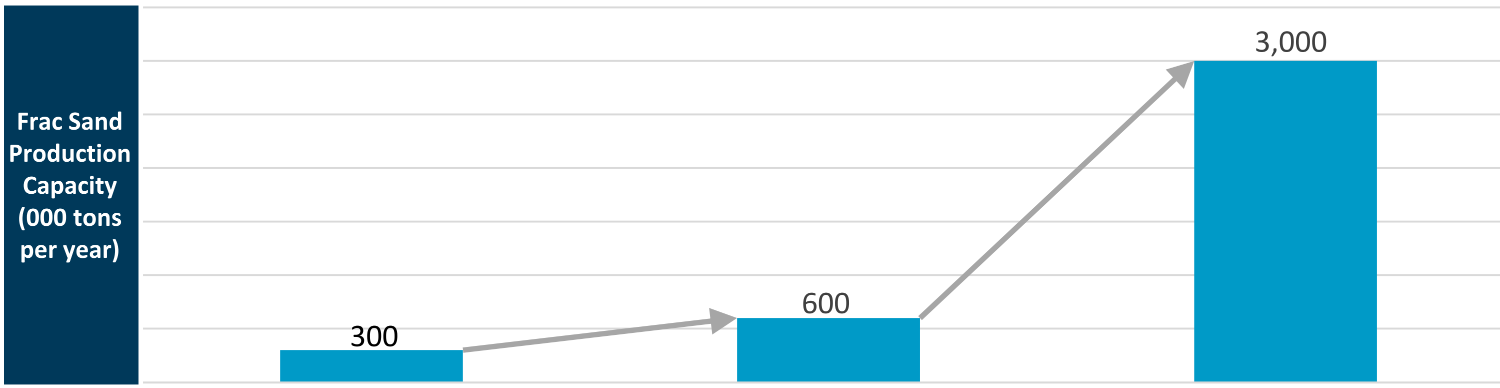
- Closest large-scale frac sand operation to the Eagle Ford basin
- Ability to truck directly to wellhead, generating attractive margins
- Site is located directly on the Union Pacific mainline
- Rail provides cost-effective delivery into the Midland and Delaware basins
- Access to BNSF mainline through our Elmendorf, TX terminal as an origin (~15 miles of trucking from plant)
- Exploring a new terminal in the Delaware basin



Rig Count Source as of 4/13/17: Baker Hughes

San Antonio Plant Expansion Plan

	Phase 1	Phase 2	Phase 3



	Phase 1	Phase 2	Phase 3
Timing Considerations	• Fully permitted • Immediate production once staffed for 24/7	• Permit amendment in process • Operational by early Q4	• Secure contracts and permit • Potential to break ground by YE 2017, operational by mid-2018
Capital Cost	• N/A	• $3mm	• $40-60mm, depending on plant design and rail track

Once at full scale, the San Antonio plant will be the closest large-scale frac sand operation serving the Eagle Ford and will have favorable economics to the Permian via rail service.

Attractive Valuation for Local Sands Acquisition

($ in mm's, except per ton metrics)	**EMES San Antonio Site**	**Competitor A**	**Competitor B**
Announced Purchase Price	**$20**	$275	$214 [1]
Est. Capex for Plant Expansion	**$53** [2]	$48 [3]	n/a
Total Invested Capital	**$73**	**$323**	**$214**
Reserves (tons in mm's)	> **80**	55	41
Total Invested Capital per Ton of Reserves	**$0.91**	**$5.86**	**$5.23**
Production Capacity (mm tpy)	**3.0** [4]	3.0	2.0
Total Invested Capital per Ton of Production Capacity	**$24.33**	$107.50	$106.86

Source: SEC filings, public call scripts

(1) As per 2016 10-K

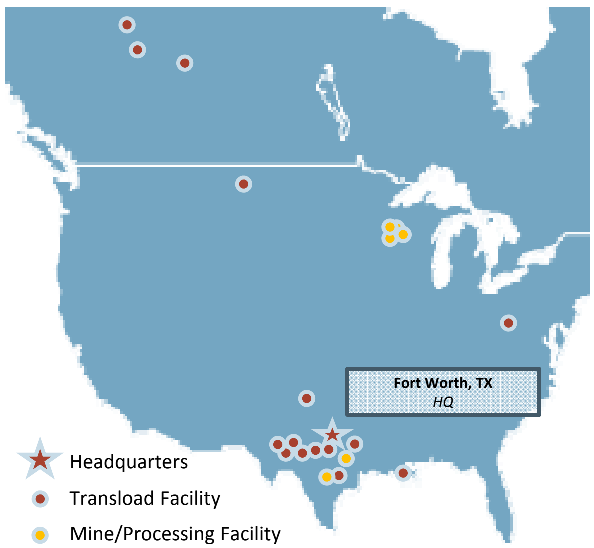
(2) $3mm for Phase 2 expansion plus Phase 3 midpoint of $40-60mm guidance

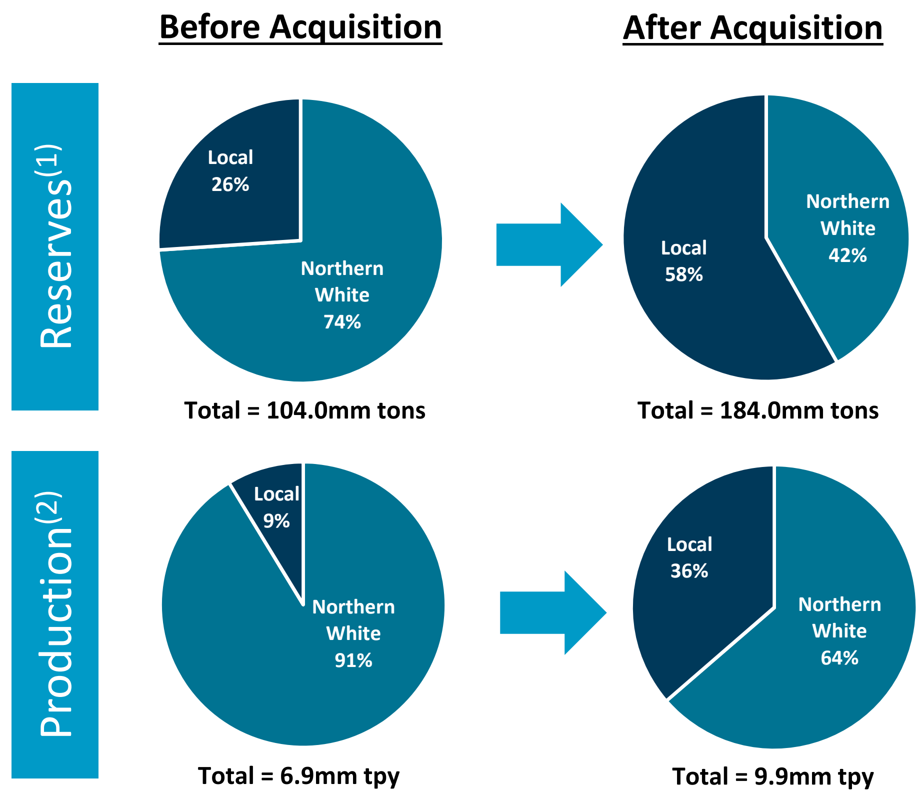
(3) Midpoint of $45-50mm guidance

(4) Estimated capacity with Phase 3 expansion

Expanded Footprint and Balanced Mix

The San Antonio site provides a more balanced footprint with a diversified mix of northern white and local sands.





Note: (1) EMES internal estimates for San Antonio site; third party engineering study to follow for SEC proven and probable reserves standards
(2) Phase 3 expansion for San Antonio Plant

Acquisition Financing

- Financed acquisition with a new $40mm second lien term loan
  - Second lien priority on all collateral
  - L+1,000 (100 bps floor)
  - NC / 103 / 101
  - Maintenance covenants with cushion to ABL covenant package
- Entered into amendment with first lien ABL lenders to approve acquisition and allow for permitted second lien debt
  - Increased capital expenditures covenant to allow for the Phase 2 expansion of the San Antonio plant
  - Commitment will be reduced by $5mm per quarter in 3Q and 4Q 2017, $10mm per quarter in 2018, and $15mm in 1Q 2019

Transaction Sources and Uses

Sources of Capital	$ in mm's		Uses of Capital	$ in mm's	
Second Lien Term Loan	$	40	Purchase of Osburn Materials	$	20
			Fees & Expenses Due at Close		3
			Cash to Balance Sheet		2
			Paydown ABL Facility		15
Total Sources	**$**	**40**	**Total Uses**	**$**	**40**

Pro Forma Capitalization Table

($ in mm's)	**3/31/17 Est.**		**Adj.**		**Pro Forma**	
First Lien ABL Facility Commitment	$	200	$	(10)	$	190
Drawn		159		(15)		144
Second Lien Term Loan		-		40		40
Other Unsecured Debt [(1)]		21		-		21
Total Funded Debt	**$**	**180**	**$**	**25**	**$**	**205**
Market Capitalization [(2)]		426		-		426
Enterprise Value	**$**	**606**	**$**	**25**	**$**	**631**
Funded Debt to Total Capitalization						**32%**
Cash on Hand	$	2	$	2	$	4
Revolver Availability [(3)]		31		5		36
Total Liquidity	**$**	**33**	**$**	**7**	**$**	**40**

(1) Includes Business Acquisition Obligation, Long-Term Promissory Note, and Contract Termination
(2) 30,071,969 units outstanding times unit price at closing as of 4/18/2017 ($14.17)
(3) Commitment less drawn amount less outstanding letters of credit / reserves (approx. $10.0mm)

We are well capitalized after this transaction and expect meaningful free cash flow in the second half of 2017 to help paydown debt.