

CF Industries Holdings, Inc.
Form 10-Q
August 06, 2015
Table of Contents

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q
(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2015

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 001-32597

CF INDUSTRIES HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

20-2697511

(I.R.S. Employer
Identification No.)

4 Parkway North, Suite 400

Deerfield, Illinois

(Address of principal executive offices)

(847) 405-2400

(Registrant's telephone number, including area code)

60015

(Zip Code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Non-accelerated filer

Large accelerated filer

Accelerated filer

(Do not check if a
smaller reporting
company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

No

233,047,785 shares of the registrant's common stock, \$0.01 par value per share, were outstanding at July 31, 2015.

Table of Contents

TABLE OF CONTENTS

| | | |
|-----------------|------------------------------|---|
| <u>PART I.</u> | <u>Financial Information</u> | |
| | <u>Item 1.</u> | <u>Financial Statements (unaudited)</u> |
| | | <u>Consolidated Statements of Operations</u> 1 |
| | | <u>Consolidated Statements of Comprehensive Income</u> 2 |
| | | <u>Consolidated Balance Sheets</u> 3 |
| | | <u>Consolidated Statements of Equity</u> 4 |
| | | <u>Consolidated Statements of Cash Flows</u> 5 |
| | | <u>Notes to Unaudited Consolidated Financial Statements</u> 6 |
| | <u>Item 2.</u> | <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u> 38 |
| | <u>Item 3.</u> | <u>Quantitative and Qualitative Disclosures About Market Risk</u> 61 |
| | <u>Item 4.</u> | <u>Controls and Procedures</u> 62 |
| <u>PART II.</u> | <u>Other Information</u> | 62 |
| | <u>Item 2.</u> | <u>Unregistered Sales of Equity Securities and Use of Proceeds</u> 62 |
| | <u>Item 6.</u> | <u>Exhibits</u> 62 |

Table of Contents

CF INDUSTRIES HOLDINGS, INC.

PART I—FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS.

CONSOLIDATED STATEMENTS OF OPERATIONS

(Unaudited)

| | Three months ended | | Six months ended | |
|--|---|-----------|------------------|-----------|
| | June 30, | | June 30, | |
| | 2015 | 2014 | 2015 | 2014 |
| | (in millions, except per share amounts) | | | |
| Net sales | \$1,311.5 | \$1,472.7 | \$2,265.1 | \$2,605.3 |
| Cost of sales | 625.6 | 882.4 | 1,163.4 | 1,572.2 |
| Gross margin | 685.9 | 590.3 | 1,101.7 | 1,033.1 |
| Selling, general and administrative expenses | 37.9 | 39.5 | 78.0 | 81.2 |
| Other operating—net | 22.4 | 21.6 | 40.6 | 15.8 |
| Total other operating costs and expenses | 60.3 | 61.1 | 118.6 | 97.0 |
| Gain on sale of phosphate business | — | — | — | 747.1 |
| Equity in earnings of operating affiliates | 4.7 | 2.1 | 14.4 | 17.9 |
| Operating earnings | 630.3 | 531.3 | 997.5 | 1,701.1 |
| Interest expense | 29.0 | 50.7 | 62.9 | 90.7 |
| Interest income | (0.2 |) (0.3 |) (0.6 |) (0.5 |
| Other non-operating—net | 0.5 | 0.7 | 0.5 | 0.6 |
| Earnings before income taxes and equity in (losses) earnings of non-operating affiliates | 601.0 | 480.2 | 934.7 | 1,610.3 |
| Income tax provision | 200.7 | 157.2 | 313.4 | 570.4 |
| Equity in (losses) earnings of non-operating affiliates—net of taxes | (35.5 |) 1.7 | (20.6 |) 5.2 |
| Net earnings | 364.8 | 324.7 | 600.7 | 1,045.1 |
| Less: Net earnings attributable to noncontrolling interest | 12.9 | 12.1 | 18.2 | 24.0 |
| Net earnings attributable to common stockholders | \$351.9 | \$312.6 | \$582.5 | \$1,021.1 |
| Net earnings per share attributable to common stockholders ⁽¹⁾ : | | | | |
| Basic | \$1.50 | \$1.22 | \$2.45 | \$3.86 |
| Diluted | \$1.49 | \$1.22 | \$2.44 | \$3.85 |
| Weighted-average common shares outstanding ⁽¹⁾ : | | | | |
| Basic | 235.2 | 255.3 | 237.4 | 264.5 |
| Diluted | 236.1 | 256.0 | 238.3 | 265.3 |
| Dividends declared per common share ⁽¹⁾ | \$0.30 | \$0.20 | \$0.60 | \$0.40 |

Share and per share amounts have been retroactively restated for all prior periods presented to reflect the ⁽¹⁾ five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.

See Accompanying Notes to Unaudited Consolidated Financial Statements.

Table of Contents

CF INDUSTRIES HOLDINGS, INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited)

| | Three months ended June 30, | | Six months ended June 30, | |
|--|--------------------------------|---------|------------------------------|-----------|
| | 2015 | 2014 | 2015 | 2014 |
| | (in millions) | | | |
| Net earnings | \$364.8 | \$324.7 | \$600.7 | \$1,045.1 |
| Other comprehensive income (loss): | | | | |
| Foreign currency translation adjustment—net of taxes | 36.0 | 30.3 | (50.3 |) 13.4 |
| Unrealized gain on securities—net of taxes | — | 0.2 | — | 0.3 |
| Defined benefit plans—net of taxes | (1.5 |) (0.9 |) 4.3 | 6.5 |
| | 34.5 | 29.6 | (46.0 |) 20.2 |
| Comprehensive income | 399.3 | 354.3 | 554.7 | 1,065.3 |
| Less: Comprehensive income attributable to noncontrolling interest | 12.9 | 12.1 | 18.2 | 24.0 |
| Comprehensive income attributable to common stockholders | \$386.4 | \$342.2 | \$536.5 | \$1,041.3 |

See Accompanying Notes to Unaudited Consolidated Financial Statements.

Table of ContentsCF INDUSTRIES HOLDINGS, INC.
CONSOLIDATED BALANCE SHEETS

| | (Unaudited) | |
|---|--|----------------------|
| | June 30, 2015 | December 31, 2014 |
| | (in millions, except share and per share amounts) | |
| Assets | | |
| Current assets: | | |
| Cash and cash equivalents | \$ 809.9 | \$ 1,996.6 |
| Restricted cash | 54.0 | 86.1 |
| Accounts receivable—net | 194.9 | 191.5 |
| Inventories | 205.3 | 202.9 |
| Deferred income taxes | 53.8 | 84.0 |
| Prepaid income taxes | 14.7 | 34.8 |
| Other current assets | 33.8 | 18.6 |
| Total current assets | 1,366.4 | 2,614.5 |
| Property, plant and equipment—net | 6,465.6 | 5,525.8 |
| Investments in and advances to affiliates | 808.7 | 861.5 |
| Goodwill | 2,090.8 | 2,092.8 |
| Other assets | 266.9 | 243.6 |
| Total assets | \$ 10,998.4 | \$ 11,338.2 |
| Liabilities and Equity | | |
| Current liabilities: | | |
| Accounts payable and accrued expenses | \$ 701.2 | \$ 589.9 |
| Income taxes payable | 12.4 | 16.0 |
| Customer advances | 17.3 | 325.4 |
| Other current liabilities | 22.6 | 48.4 |
| Total current liabilities | 753.5 | 979.7 |
| Long-term debt | 4,592.6 | 4,592.5 |
| Deferred income taxes | 776.5 | 818.6 |
| Other liabilities | 400.0 | 374.9 |
| Equity: | | |
| Stockholders' equity: | | |
| Preferred stock—\$0.01 par value, 50,000,000 shares authorized | — | — |
| Common stock—\$0.01 par value, 500,000,000 shares authorized, 2015—235,440,950 shares issued and 2014—245,904,140 shares issued | 2.4 | 2.5 |
| Paid-in capital ⁽¹⁾ | 1,368.0 | 1,413.9 |
| Retained earnings | 3,080.3 | 3,175.3 |
| Treasury stock—at cost, 2015—2,033,622 shares and 2014—4,231,090 shares | (129.0) | (222.2) |
| Accumulated other comprehensive loss | (205.8) | (159.8) |
| Total stockholders' equity | 4,115.9 | 4,209.7 |
| Noncontrolling interest | 359.9 | 362.8 |
| Total equity | 4,475.8 | 4,572.5 |
| Total liabilities and equity | \$ 10,998.4 | \$ 11,338.2 |

(1) December 31, 2014 amounts have been retroactively restated to reflect the five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.

See Accompanying Notes to Unaudited Consolidated Financial Statements.

3

Table of Contents

CF INDUSTRIES HOLDINGS, INC.
CONSOLIDATED STATEMENTS OF EQUITY
(Unaudited)

| | Common Stockholders | | | | Accumulated | | Noncontrolling Interest | Total Equity |
|---|--|----------------------------------|-----------------------------------|----------------------|--|----------------------------------|----------------------------|-----------------|
| | \$0.01 Par Value Common Stock ⁽¹⁾ | Treasury Stock ⁽¹⁾ | Paid-In Capital ⁽¹⁾ | Retained Earnings | Other Comprehensive Income (Loss) | Total Stockholders' Equity | | |
| | (in millions, except per share amounts) | | | | | | | |
| Balance as of December 31, 2013 | \$2.8 | \$(201.8) | \$1,592.1 | \$3,725.6 | \$(42.6) | \$5,076.1 | \$362.3 | \$5,438.4 |
| Net earnings | — | — | — | 1,021.1 | — | 1,021.1 | 24.0 | 1,045.1 |
| Other comprehensive income: | | | | | | | | |
| Foreign currency translation adjustment—net of taxes | — | — | — | — | 13.4 | 13.4 | — | 13.4 |
| Unrealized net gain on securities—net of taxes | — | — | — | — | 0.3 | 0.3 | — | 0.3 |
| Defined benefit plans—net of taxes | — | — | — | — | 6.5 | 6.5 | — | 6.5 |
| Comprehensive income | | | | | | 1,041.3 | 24.0 | 1,065.3 |
| Purchases of treasury stock | — | (1,550.8) | — | — | — | (1,550.8) | — | (1,550.8) |
| Retirement of treasury stock | (0.2) | 1,150.6 | (133.3) | (1,017.1) | — | — | — | — |
| Acquisition of treasury stock under employee stock plans | — | (1.9) | — | — | — | (1.9) | — | (1.9) |
| Issuance of \$0.01 par value common stock under employee stock plans | — | 0.8 | 8.9 | — | — | 9.7 | — | 9.7 |
| Stock-based compensation expense | — | — | 9.9 | — | — | 9.9 | — | 9.9 |
| Excess tax benefit from stock-based compensation | — | — | 5.2 | — | — | 5.2 | — | 5.2 |
| Cash dividends (\$0.40 per share) | — | — | — | (107.2) | — | (107.2) | — | (107.2) |
| Distributions declared to noncontrolling interest | — | — | — | — | — | — | (23.5) | (23.5) |
| Balance as of June 30, 2014 | \$2.6 | \$(603.1) | \$1,482.8 | \$3,622.4 | \$(22.4) | \$4,482.3 | \$362.8 | \$4,845.1 |
| Balance as of December 31, 2014 | \$2.5 | \$(222.2) | \$1,413.9 | \$3,175.3 | \$(159.8) | \$4,209.7 | \$362.8 | \$4,572.5 |

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| | | | | | | | | |
|--|--------|-----------|-----------|-----------|------------|------------|----------|-----------|
| Net earnings | — | — | — | 582.5 | — | 582.5 | 18.2 | 600.7 |
| Other comprehensive income: | | | | | | | | |
| Foreign currency translation adjustment—net of taxes | — | — | — | — | (50.3) | (50.3) | — | (50.3) |
| Defined benefit plans—net of taxes | — | — | — | — | 4.3 | 4.3 | — | 4.3 |
| Comprehensive income | | | | | | 536.5 | 18.2 | 554.7 |
| Purchases of treasury stock | — | (504.7) | — | — | — | (504.7) | — | (504.7) |
| Retirement of treasury stock | (0.1) | 597.1 | (62.0) | (535.0) | — | — | — | — |
| Acquisition of treasury stock under employee stock plans | — | (0.1) | (0.9) | — | — | (1.0) | — | (1.0) |
| Issuance of \$0.01 par value common stock under employee stock plans | — | 0.9 | 7.4 | — | — | 8.3 | — | 8.3 |
| Stock-based compensation expense | — | — | 7.8 | — | — | 7.8 | — | 7.8 |
| Excess tax benefit from stock-based compensation | — | — | 1.8 | — | — | 1.8 | — | 1.8 |
| Cash dividends (\$0.60 per share) | — | — | — | (142.5) | — | (142.5) | — | (142.5) |
| Distributions declared to noncontrolling interest | — | — | — | — | — | — | (21.1) | (21.1) |
| Balance as of June 30, 2015 | \$2.4 | \$(129.0) | \$1,368.0 | \$3,080.3 | \$(205.8) | \$ 4,115.9 | \$ 359.9 | \$4,475.8 |

(1) Amounts have been retroactively restated for all prior periods presented to reflect the five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015. See Accompanying Notes to Unaudited Consolidated Financial Statements.

Table of ContentsCF INDUSTRIES HOLDINGS, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

| | Six months ended | |
|---|------------------|-------------|
| | June 30, | |
| | 2015 | 2014 |
| | (in millions) | |
| Operating Activities: | | |
| Net earnings | \$600.7 | \$1,045.1 |
| Adjustments to reconcile net earnings to net cash provided by operating activities: | | |
| Depreciation and amortization | 219.3 | 203.1 |
| Deferred income taxes | (5.7) |) 1.1 |
| Stock-based compensation expense | 8.1 | 10.0 |
| Excess tax benefit from stock-based compensation | (1.8) |) (5.2) |
| Unrealized (gain) loss on derivatives | (43.2) |) 61.4 |
| Loss on sale of equity method investments | 42.8 | — |
| Gain on sale of phosphate business | — | (747.1) |
| Loss on disposal of property, plant and equipment | 13.6 | 1.0 |
| Undistributed earnings of affiliates—net of taxes | (16.2) |) (15.1) |
| Changes in: | | |
| Accounts receivable—net | (3.7) |) (12.1) |
| Inventories | (8.0) |) 64.0 |
| Accrued and prepaid income taxes | 30.4 | 22.6 |
| Accounts payable and accrued expenses | (33.2) |) (30.4) |
| Customer advances | (308.1) |) (57.2) |
| Other—net | 3.8 | 14.1 |
| Net cash provided by operating activities | 498.8 | 555.3 |
| Investing Activities: | | |
| Additions to property, plant and equipment | (1,031.9) |) (685.0) |
| Proceeds from sale of property, plant and equipment | 8.0 | 5.9 |
| Proceeds from sale of equity method investment | 12.8 | — |
| Proceeds from sale of phosphate business | — | 1,353.6 |
| Deposits to restricted cash funds | — | (505.0) |
| Withdrawals from restricted cash funds | 32.1 | 14.0 |
| Other—net | (22.4) |) 16.8 |
| Net cash (used in) provided by investing activities | (1,001.4) |) 200.3 |
| Financing Activities: | | |
| Proceeds from long-term borrowings | — | 1,494.2 |
| Financing fees | (2.0) |) (16.0) |
| Dividends paid on common stock | (142.5) |) (107.2) |
| Distributions to noncontrolling interest | (21.1) |) (23.5) |
| Purchases of treasury stock | (523.1) |) (1,591.2) |
| Issuances of common stock under employee stock plans | 7.4 | 9.7 |
| Excess tax benefit from stock-based compensation | 1.8 | 5.2 |
| Other—net | — | (43.0) |
| Net cash used in financing activities | (679.5) |) (271.8) |
| Effect of exchange rate changes on cash and cash equivalents | (4.6) |) (0.5) |
| (Decrease) increase in cash and cash equivalents | (1,186.7) |) 483.3 |
| Cash and cash equivalents at beginning of period | 1,996.6 | 1,710.8 |

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| | | |
|--|---------|-----------|
| Cash and cash equivalents at end of period | \$809.9 | \$2,194.1 |
|--|---------|-----------|

See Accompanying Notes to Unaudited Consolidated Financial Statements.

5

Table of Contents

CF INDUSTRIES HOLDINGS, INC.

NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS

1. Background and Basis of Presentation

We are one of the largest manufacturers and distributors of nitrogen fertilizer and other nitrogen products in the world. Our principal customers are cooperatives, independent fertilizer distributors and industrial users. Our principal nitrogen fertilizer products are ammonia, granular urea and urea ammonium nitrate solution (UAN). Our other nitrogen products include ammonium nitrate (AN), diesel exhaust fluid (DEF), urea liquor, and aqua ammonia, which are sold primarily to our industrial customers. Our core market and distribution facilities are concentrated in the midwestern United States and other major agricultural areas of the United States and Canada. We also export nitrogen fertilizer products, primarily from our Donaldsonville, Louisiana manufacturing facility.

On May 15, 2015, the Company announced that its board of directors declared a five-for-one split of the Company's common stock to be effected in the form of a stock dividend. On June 17, 2015, stockholders of record as of the close of business on June 1, 2015 (Record Date) received four additional shares of common stock for each share of common held on the Record Date. Shares reserved under the Company's equity and incentive plans were adjusted to reflect the stock split. All share and per share data has been retroactively restated to reflect the stock split, except for the number of authorized shares of common stock. Since the par value of the common stock remained at \$0.01 per share, the recorded value for common stock has been retroactively restated to reflect the par value of total outstanding shares with a corresponding decrease to paid in capital.

Prior to March 17, 2014, we manufactured and distributed phosphate fertilizer products. Our principal phosphate products were diammonium phosphate (DAP) and monoammonium phosphate (MAP). On March 17, 2014, we completed the sale of our phosphate mining and manufacturing business (the "Transaction"), which was located in Florida, to The Mosaic Company (Mosaic) for approximately \$1.4 billion in cash. The Transaction followed the terms of the definitive agreement executed in October 2013. The accounts receivable and accounts payable pertaining to the phosphate mining and manufacturing business and certain phosphate inventory held in distribution facilities were not sold to Mosaic in the Transaction and were settled in the ordinary course.

Upon closing the Transaction, we began to supply Mosaic with ammonia produced by our Point Lisas Nitrogen Limited (PLNL) joint venture. The contract to supply ammonia to Mosaic from our PLNL joint venture represents the continuation of a supply practice that previously existed between our former phosphate mining and manufacturing business and other operations of the Company. Prior to March 17, 2014, PLNL sold ammonia to us for use in the phosphate business and the cost was included in our production costs in the phosphate segment. Subsequent to the sale of the phosphate business, we now sell the PLNL-sourced ammonia to Mosaic. The revenue from these sales to Mosaic and the costs to purchase the ammonia from PLNL are now included in our ammonia segment. Our 50% share of the operating results of our PLNL joint venture continues to be included in our equity in (losses) earnings of operating affiliates in our consolidated statements of operations. Because of the significance of this continuing supply practice, in accordance with U.S. generally accepted accounting principles (GAAP), the phosphate mining and manufacturing business is not reported as discontinued operations in our consolidated statements of operations. See Note 3—Phosphate Business Disposition for additional information.

In the third quarter of 2014, we completed certain changes to our reporting structures and as a result, our reporting segments increased to the following five segments: ammonia, granular urea, UAN, other, and phosphate. The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The phosphate segment will continue to be included until the reporting of comparable period phosphate results ceases. Historical financial results have been restated to reflect the new segment structure on a comparable basis. See Note 18—Segment Disclosures for additional information.

The accompanying unaudited interim consolidated financial statements have been prepared on the same basis as our audited consolidated financial statements for the year ended December 31, 2014, in accordance with U.S. GAAP for interim financial reporting. In the opinion of management, these statements reflect all adjustments, consisting only of

normal and recurring adjustments that are necessary for the fair representation of the information for the periods presented. The accompanying unaudited interim consolidated financial statements have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission (SEC). Certain information and disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to such rules and regulations. Operating results for any period presented apply to that period only and are not necessarily indicative of results for any future period.

Table of Contents

The accompanying unaudited interim consolidated financial statements should be read in conjunction with our audited consolidated financial statements and related disclosures included in our 2014 Annual Report on Form 10-K filed with the SEC on February 26, 2015. The preparation of the unaudited interim consolidated financial statements requires us to make use of estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities at the date of the unaudited consolidated financial statements and the reported revenues and expenses for the periods presented. Significant estimates and assumptions are used for, but are not limited to, net realizable value of inventories, environmental remediation liabilities, environmental and litigation contingencies, the cost of customer incentives, useful lives of property and identifiable intangible assets, the assumptions used in the evaluation of potential impairments of property, investments, identifiable intangible assets and goodwill, income tax and valuation reserves, allowances for doubtful accounts receivable, the measurement of the fair values of investments for which markets are not active, assumptions used in the determination of the funded status and annual expense of pension and postretirement employee benefit plans and the assumptions used in the valuation of stock-based compensation awards granted to employees.

All references to "CF Holdings," "the Company," "we," "us" and "our" refer to CF Industries Holdings, Inc. and its subsidiaries, except where the context makes clear that the reference is only to CF Industries Holdings, Inc. itself and not its subsidiaries. All references to "CF Industries" refer to CF Industries, Inc., a 100% owned subsidiary of CF Industries Holdings, Inc.

2. New Accounting Standards

In April 2015, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2015-05, Customer's Accounting for Fees Paid in a Cloud Computing Arrangement (an update to Subtopic 350-40, Intangibles—Goodwill and Other—Internal-Use Software), which provides guidance on accounting for cloud computing arrangements. Under this ASU, if a cloud computing arrangement includes a software license, then the customer should account for the license element of the arrangement consistent with the acquisition of other software licenses. If a cloud computing arrangement does not include a software license, the arrangement should be accounted for as a service contract. This ASU is effective for arrangements entered into, or materially modified, in interim and annual periods beginning after December 15, 2015. Retrospective application of the ASU is permitted but not required. We are currently evaluating the impact of this ASU on our consolidated financial statements.

In April 2015, the FASB issued ASU 2015-03, Interest—Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs. This ASU requires debt issuance costs related to a recognized debt liability be presented in the balance sheet as a direct deduction from the carrying amount of the related debt liability instead of being presented as an asset. Debt disclosures will include the face amount of the debt liability and the effective interest rate. The ASU requires retrospective application and represents a change in accounting principle. This ASU is effective for fiscal years beginning after December 15, 2015. Early adoption is permitted for financial statements that have not been previously issued. We expect that the adoption of this ASU will not have a material impact on our consolidated financial statements.

In May 2014, the FASB issued ASU 2014-09, Revenue from Contracts with Customers, which supersedes the revenue recognition requirements in Accounting Standards Codification 605, Revenue Recognition. This ASU is based on the principle that revenue is recognized to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. This ASU also requires additional disclosure about the nature, amount, timing and uncertainty of revenue and cash flows arising from customer contracts, including significant judgments. Additionally, information concerning the costs to obtain and fulfill a contract, including assets to be recognized, is to be disclosed. In July 2015, the FASB voted to defer the effective date of this ASU to December 15, 2017 for interim and annual reporting periods beginning after that date. Early adoption of the standard as of December 15, 2016 (for interim and annual reporting periods beginning after that date) is permitted by the FASB. We are currently evaluating the impact of the adoption of this ASU on our consolidated financial statements.

3. Phosphate Business Disposition

In March 2014, we completed the sale of our phosphate mining and manufacturing business to Mosaic (the "Transaction") pursuant to the terms of an Asset Purchase Agreement dated as of October 28, 2013 (the "Purchase

Agreement"), among CF Industries Holdings, Inc., CF Industries, Inc. and Mosaic for approximately \$1.4 billion in cash. During the first quarter of 2014, we recognized pre-tax and after-tax gains on the Transaction of \$747.1 million and \$461.0 million, respectively. Under the terms of the Purchase Agreement, the accounts receivable and accounts payable pertaining to the phosphate mining and manufacturing business and certain phosphate fertilizer inventory held in distribution facilities were not sold to Mosaic in the Transaction and were settled in the ordinary course. During the fourth quarter of 2014, based on the ordinary course settlement

7

Table of Contents

of certain transactions and certain adjustments that were made in accordance with the Purchase Agreement, we increased the recognized pre-tax and after-tax gains on the Transaction to \$750.1 million and \$462.8 million, respectively.

Upon closing the Transaction, we began to supply Mosaic with ammonia produced by our PLNL joint venture. The contract to supply ammonia to Mosaic from our PLNL joint venture represents the continuation of a supply practice that previously existed between our former phosphate mining and manufacturing business and other operations of the Company. Prior to March 17, 2014, PLNL sold ammonia to us for use in the phosphate business and the cost was included in our production costs in the phosphate segment. Subsequent to the sale of the phosphate business, we now sell the PLNL-sourced ammonia to Mosaic. The revenue from these sales to Mosaic and the costs to purchase the ammonia from PLNL are now included in our ammonia segment. Our 50% share of the operating results of our PLNL joint venture continues to be included in our equity in earnings of operating affiliates in our consolidated statements of operations. Because of the significance of this continuing supply practice, in accordance with U.S. GAAP, the phosphate mining and manufacturing business is not reported as discontinued operations in our consolidated statements of operations.

The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The segment will continue to be included until the reporting of comparable period phosphate results ceases.

4. Net Earnings Per Share

Net earnings per share were computed as follows:

| | Three months ended | | Six months ended | |
|--|---|---------|------------------|-----------|
| | June 30, | | June 30, | |
| | 2015 | 2014 | 2015 | 2014 |
| | (in millions, except per share amounts) | | | |
| Net earnings attributable to common stockholders | \$351.9 | \$312.6 | \$582.5 | \$1,021.1 |
| Basic earnings per common share ⁽¹⁾ : | | | | |
| Weighted-average common shares outstanding | 235.2 | 255.3 | 237.4 | 264.5 |
| Net earnings attributable to common stockholders | \$1.50 | \$1.22 | \$2.45 | \$3.86 |
| Diluted earnings per common share ⁽¹⁾ : | | | | |
| Weighted-average common shares outstanding | 235.2 | 255.3 | 237.4 | 264.5 |
| Dilutive common shares—stock options | 0.9 | 0.7 | 0.9 | 0.8 |
| Diluted weighted-average shares outstanding | 236.1 | 256.0 | 238.3 | 265.3 |
| Net earnings attributable to common stockholders | \$1.49 | \$1.22 | \$2.44 | \$3.85 |

Share and per share amounts have been retroactively restated for all prior periods presented to reflect the

⁽¹⁾ five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.

In the computation of diluted earnings per common share, potentially dilutive stock options are excluded if the effect of their inclusion is anti-dilutive. For the three and six months ended June 30, 2015 and 2014, anti-dilutive stock options were insignificant.

5. Inventories

Inventories consist of the following:

| | June 30, | December 31, |
|---|---------------|--------------|
| | 2015 | 2014 |
| | (in millions) | |
| Finished goods | \$180.7 | \$179.5 |
| Raw materials, spare parts and supplies | 24.6 | 23.4 |
| | \$205.3 | \$202.9 |

Table of Contents

6. Property, Plant and Equipment—Net

Property, plant and equipment—net consists of the following:

| | June 30, 2015 | December 31, 2014 |
|---|------------------|----------------------|
| | (in millions) | |
| Land | \$48.6 | \$48.4 |
| Machinery and equipment | 5,458.7 | 5,268.7 |
| Buildings and improvements | 174.5 | 160.7 |
| Construction in progress ⁽¹⁾ | 3,422.0 | 2,559.0 |
| | 9,103.8 | 8,036.8 |
| Less: Accumulated depreciation and amortization | 2,638.2 | 2,511.0 |
| | \$6,465.6 | \$5,525.8 |

As of June 30, 2015 and December 31, 2014, we had construction in progress that was accrued but unpaid of ⁽¹⁾ \$444.1 million and \$279.0 million, respectively. These amounts included accruals related to our capacity expansion projects of \$406.5 million and \$244.3 million as of June 30, 2015 and December 31, 2014, respectively. As of June 30, 2015 and December 31, 2014, construction in progress includes expenditures of \$3.0 billion and \$2.0 billion, respectively, related to our capacity expansion projects in Port Neal, Iowa and Donaldsonville, Louisiana. Plant turnarounds—Scheduled inspections, replacements and overhauls of plant machinery and equipment at our continuous process manufacturing facilities during a full plant shutdown are referred to as plant turnarounds. The expenditures related to turnarounds are capitalized in property, plant and equipment when incurred. The following is a summary of plant turnaround activity:

| | Six months ended June 30, | |
|-----------------------------------|------------------------------|---------|
| | 2015 | 2014 |
| | (in millions) | |
| Net capitalized turnaround costs: | | |
| Beginning balance | \$153.2 | \$119.8 |
| Additions | 36.8 | 18.8 |
| Depreciation | (29.8 |) (29.5 |
| Effect of exchange rate changes | (1.4 |) (0.2 |
| Ending balance | \$158.8 | \$108.9 |

Scheduled replacements and overhauls of plant machinery and equipment include the dismantling, repair or replacement and installation of various components including piping, valves, motors, turbines, pumps, compressors, heat exchangers and the replacement of catalysts when a full plant shutdown occurs. Scheduled inspections are also conducted during full plant shutdowns, including required safety inspections which entail the disassembly of various components such as steam boilers, pressure vessels and other equipment requiring safety certifications. Internal employee costs and overhead amounts are not considered turnaround costs and are not capitalized.

Table of Contents

7. Goodwill and Other Intangible Assets

The following table shows the carrying amount of goodwill by business segment as of June 30, 2015 and December 31, 2014:

| | Ammonia (in millions) | Granular Urea | UAN | Other | Total |
|---------------------------------|--------------------------|---------------|---------|---------|-----------|
| Balance as of December 31, 2014 | \$578.7 | \$829.6 | \$577.0 | \$107.5 | \$2,092.8 |
| Effect of exchange rate changes | (0.6) | (0.8) | (0.6) | — | (2.0) |
| Balance as of June 30, 2015 | \$578.1 | \$828.8 | \$576.4 | \$107.5 | \$2,090.8 |

Our identifiable intangibles and carrying values are shown below and are presented in other assets on our consolidated balance sheets.

| | June 30, 2015 | | | December 31, 2014 | | |
|-------------------------|--|--------------------------|--------|-----------------------|--------------------------|--------|
| | Gross Carrying Amount (in millions) | Accumulated Amortization | Net | Gross Carrying Amount | Accumulated Amortization | Net |
| Intangible assets: | | | | | | |
| Customer relationships | \$50.0 | \$(14.6) | \$35.4 | \$50.0 | \$(13.2) | \$36.8 |
| TerraCair brand | 10.0 | (10.0) | — | 10.0 | (5.0) | 5.0 |
| Total intangible assets | \$60.0 | \$(24.6) | \$35.4 | \$60.0 | \$(18.2) | \$41.8 |

Amortization expense of our identifiable intangibles was \$0.7 million and \$6.4 million for the three and six months ended June 30, 2015, respectively, and \$1.0 million and \$2.0 million for the three and six months ended June 30, 2014, respectively. In early 2015, management approved a plan to discontinue the usage of the TerraCair brand in the sale of DEF. Based on the change in the usage of this brand, the related intangible assets were fully amortized during the first quarter of 2015.

Total estimated amortization expense for the remainder of 2015 and each of the five succeeding fiscal years is as follows:

| | Estimated Amortization Expense (in millions) |
|-------------------|---|
| Remainder of 2015 | \$1.4 |
| 2016 | 2.8 |
| 2017 | 2.8 |
| 2018 | 2.8 |
| 2019 | 2.8 |
| 2020 | 2.8 |

Table of Contents

8. Equity Method Investments

During the second quarter of 2015, Company management approved certain plans to focus its portfolio of equity method investments, including the following actions, which are further described below.

Operating Equity Method Investments

- We sold our 50% ownership interest in an ammonia storage joint venture in Houston, Texas.

Non-Operating Equity Method Investments

•We agreed to purchase the remaining 50% equity interest in GrowHow UK Limited (GrowHow). Upon closing, GrowHow will become a wholly-owned subsidiary. See Note 20—Subsequent Events for additional information.

- We sold our 50% ownership interest in KEYTRADE AG (Keytrade).

As of June 30, 2015 and December 31, 2014, equity method investments consist of the following:

| | June 30, 2015 (in millions) | December 31, 2014 |
|---|-----------------------------------|----------------------|
| Operating equity method investments | \$360.2 | \$377.6 |
| Non-operating equity method investments | 448.5 | 483.9 |
| Investments in and advances to affiliates | \$808.7 | \$861.5 |

Operating Equity Method Investments

In June 2015, we sold our 50% ownership interest in an ammonia storage joint venture in Houston, Texas. Equity in earnings of operating affiliates in our consolidated statement of operations for the three months ended June 30, 2015 includes a \$0.8 million net loss consisting of the loss on the sale of the investment and our equity earnings from the operations of this joint venture through the date of the sale. As of June 30, 2015, our remaining operating equity method investment was a 50% ownership interest in Point Lisas Nitrogen Limited (PLNL), which operates an ammonia production facility in the Republic of Trinidad and Tobago. We include our share of the net earnings from these equity method investments as an element of earnings from operations because these operations provide additional production and storage capacity to our operations and are integrated with our other supply chain and sales activities in the ammonia segment.

The results of operations and financial position of PLNL and our equity in earnings of operating equity method investments are summarized below:

| | Three months ended June 30, 2015 | | Six months ended June 30, 2015 | |
|--|--|---------|--------------------------------------|---------|
| | 2015 | 2014 | 2015 | 2014 |
| | (in millions) | | | |
| Summarized PLNL statement of operations information: | | | | |
| Net sales | \$52.9 | \$56.7 | \$120.5 | \$125.4 |
| Net earnings | \$14.4 | \$8.4 | \$33.3 | \$29.8 |
| Equity in earnings (losses) of operating affiliates: | | | | |
| PLNL | \$5.5 | \$1.3 | \$13.2 | \$15.7 |
| Ammonia storage joint venture | \$(0.8 |) \$0.8 | \$1.2 | \$2.2 |

Table of Contents

| | June 30, 2015 | December 31, 2014 |
|--|------------------|----------------------|
| | (in millions) | |
| Summarized PLNL balance sheet information: | | |
| Current assets | \$68.3 | \$88.1 |
| Noncurrent assets | 125.7 | 118.8 |
| Total assets | \$194.0 | \$206.9 |
| Current liabilities | \$20.2 | \$28.6 |
| Noncurrent liabilities | 20.0 | 21.8 |
| Equity | 153.8 | 156.5 |
| Total liabilities and equity | \$194.0 | \$206.9 |

The total carrying value of our operating equity method investment as of June 30, 2015 was \$360.2 million, which was \$283.3 million more than our share of the affiliate's book value. The excess is primarily attributable to the purchase accounting impact of our acquisition of the investment in PLNL and reflects primarily the revaluation of property, plant and equipment, the value of an exclusive natural gas contract and goodwill. The increased basis for property, plant and equipment and the gas contract is being depreciated over a remaining period of approximately 18 years and 8 years, respectively. Our equity in earnings of operating affiliates is different from our ownership interest in income reported by the unconsolidated affiliates due to amortization of basis differences.

We have transactions in the normal course of business with PLNL reflecting our obligation to purchase 50% of the ammonia produced by PLNL at current market prices. Our ammonia purchases from PLNL totaled \$27.5 million and \$57.1 million for the three and six months ended June 30, 2015, respectively, and \$32.0 million and \$66.0 million for the three and six months ended June 30, 2014, respectively.

Non-Operating Equity Method Investments

As of June 30, 2015, our non-operating equity method investment represents our 50% ownership interest in GrowHow, which operates nitrogen production facilities in the United Kingdom. Subsequent to June 30, 2015, we agreed to purchase the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. On July 31, 2015, we completed the GrowHow acquisition and GrowHow became a wholly-owned subsidiary. See Note 20—Subsequent Events for additional information.

During the second quarter of 2015, we sold our interests in Keytrade and recorded an after-tax loss of \$29.2 million (pre-tax loss of \$40.1 million).

Equity in (losses) earnings of non-operating affiliates—net of taxes for the three and six months ended June 30, 2015 includes our equity earnings in GrowHow for the respective period, our equity earnings in Keytrade through the date of sale and the after-tax loss on the sale of our interests in Keytrade.

Table of Contents

The results of operations and financial position of GrowHow and our equity in (losses) earnings of GrowHow and Keytrade are summarized below:

| | Three months ended June 30, 2015 | | Six months ended June 30, 2015 | |
|---|--|---------|--------------------------------------|----------------------|
| | 2014 | 2014 | 2014 | 2014 |
| | (in millions) | | | |
| Summarized GrowHow statement of operations information: | | | | |
| Net sales | \$153.5 | \$156.2 | \$350.2 | \$371.9 |
| Net earnings | \$5.7 | \$8.3 | \$39.7 | \$26.7 |
| Equity in (losses) earnings of non-operating affiliates—net of taxes: | | | | |
| GrowHow | \$— | \$1.1 | \$14.3 | \$3.1 |
| Keytrade | \$(35.5 |) \$0.6 | \$(34.9 |) \$2.1 |
| | | | June 30, 2015 | December 31, 2014 |
| | | | (in millions) | |

Summarized GrowHow balance sheet information:

| | | |
|------------------------------|---------|---------|
| Current assets | \$215.1 | \$201.7 |
| Noncurrent assets | 316.0 | 294.7 |
| Total assets | \$531.1 | \$496.4 |
| Current liabilities | \$68.6 | \$69.3 |
| Noncurrent liabilities | 161.8 | 169.2 |
| Equity | 300.7 | 257.9 |
| Total liabilities and equity | \$531.1 | \$496.4 |

The carrying value of our investment in GrowHow as of June 30, 2015 was \$448.5 million, which was \$298.2 million more than our share of the affiliate's book value. The excess is primarily attributable to the purchase accounting impact of our original acquisition of GrowHow and reflects the revaluation of property, plant and equipment, identifiable intangibles and goodwill. The increased basis for property, plant and equipment and identifiable intangibles is being depreciated over remaining periods of up to 10 years. Our equity in (losses) earnings of non-operating affiliates—net of taxes is different than our ownership interest in their net earnings due to the amortization of basis differences.

As of June 30, 2015, the amount of our consolidated retained earnings that represents our undistributed earnings of non-operating equity method investment in GrowHow is \$9.6 million.

9. Fair Value Measurements

Our cash and cash equivalents and other investments consist of the following:

| | June 30, 2015 | | | |
|--|---------------|------------------|-------------------|------------|
| | Cost Basis | Unrealized Gains | Unrealized Losses | Fair Value |
| | (in millions) | | | |
| Cash | \$82.3 | \$— | \$— | \$82.3 |
| Cash equivalents: | | | | |
| U.S. and Canadian government obligations | 702.6 | — | — | 702.6 |
| Other debt securities | 25.0 | — | — | 25.0 |
| Total cash and cash equivalents | \$809.9 | \$— | \$— | \$809.9 |
| Restricted cash | 54.0 | — | — | 54.0 |
| Nonqualified employee benefit trusts | 18.2 | 2.1 | — | 20.3 |

Table of Contents

| | December 31, 2014 | | | Fair Value |
|--|-----------------------------|---------------------|----------------------|------------|
| | Cost Basis (in millions) | Unrealized Gains | Unrealized Losses | |
| Cash | \$71.3 | \$— | \$— | \$71.3 |
| Cash equivalents: | | | | |
| U.S. and Canadian government obligations | 1,916.3 | — | — | 1,916.3 |
| Other debt securities | 9.0 | — | — | 9.0 |
| Total cash and cash equivalents | \$1,996.6 | \$— | \$— | \$1,996.6 |
| Restricted cash | 86.1 | — | — | 86.1 |
| Nonqualified employee benefit trusts | 17.4 | 2.0 | — | 19.4 |

Under our short-term investment policy, we may invest our cash balances, either directly or through mutual funds, in several types of investment-grade securities, including notes and bonds issued by governmental entities or corporations. Securities issued by governmental entities include those issued directly by the Federal government; those issued by state, local or other governmental entities; and those guaranteed by entities affiliated with governmental entities.

Assets and Liabilities Measured at Fair Value on a Recurring Basis

The following tables present assets and liabilities included in our consolidated balance sheets as of June 30, 2015 and December 31, 2014 that are recognized at fair value on a recurring basis, and indicate the fair value hierarchy utilized to determine such fair value:

| | June 30, 2015 | | | |
|--------------------------------------|--------------------------------------|--|---|--|
| | Total Fair Value (in millions) | Quoted Prices in Active Markets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) |
| Cash equivalents | \$727.6 | \$727.6 | \$— | \$— |
| Restricted cash | 54.0 | 54.0 | — | — |
| Derivative assets | 23.1 | — | 23.1 | — |
| Nonqualified employee benefit trusts | 20.3 | 20.3 | — | — |
| Derivative liabilities | (27.8) | — | (27.8) | — |

| | December 31, 2014 | | | |
|--------------------------------------|--------------------------------------|--|---|--|
| | Total Fair Value (in millions) | Quoted Prices in Active Markets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) |
| Cash equivalents | \$1,925.3 | \$1,925.3 | \$— | \$— |
| Restricted cash | 86.1 | 86.1 | — | — |
| Derivative assets | 0.5 | — | 0.5 | — |
| Nonqualified employee benefit trusts | 19.4 | 19.4 | — | — |
| Derivative liabilities | (48.4) | — | (48.4) | — |
| Cash Equivalents | | | | |

As of June 30, 2015 and December 31, 2014, our cash equivalents consisted primarily of U.S. and Canadian government obligations and money market mutual funds that invest in U.S. government obligations and other investment-grade securities.

Table of Contents

Restricted Cash

We maintain a cash account for which the use of the funds is restricted. As of June 30, 2015 and December 31, 2014, restricted cash consists of an account that was put in place to satisfy certain requirements included in our engineering and procurement services contract for our capacity expansion projects. Under the terms of this contract, we are required to grant an affiliate of ThyssenKrupp Industrial Solutions, formerly ThyssenKrupp Uhde, a security interest in a restricted cash account and maintain a cash balance in that account equal to the cancellation fees for procurement services and equipment that would arise if we were to cancel the projects.

Derivative Instruments

The derivative instruments that we use are primarily natural gas options, natural gas fixed price swaps and foreign currency forward contracts traded in the over-the-counter (OTC) markets with multi-national commercial banks, other major financial institutions and large energy companies. The natural gas derivatives are traded in months forward and settlements are scheduled to coincide with anticipated gas purchases during those future periods. The foreign currency derivative contracts held are for the exchange of a specified notional amount of currencies at specified future dates coinciding with anticipated foreign currency cash outflows associated with our Donaldsonville, Louisiana and Port Neal, Iowa capacity expansion projects. The natural gas derivative contracts settle using primarily NYMEX futures prices. To determine the fair value of these instruments, we use quoted market prices from NYMEX and standard pricing models with inputs derived from or corroborated by observable market data such as forward curves supplied by an industry-recognized unrelated third party. The currency derivatives are valued based on quoted market prices supplied by an industry-recognized independent third party. See Note 14—Derivative Financial Instruments for additional information.

Nonqualified Employee Benefit Trusts

We maintain trusts associated with certain deferred compensation related nonqualified employee benefits. The investments are accounted for as available-for-sale securities. The fair values of the trusts are based on daily quoted prices representing the net asset values of the investments. These trusts are included on our consolidated balance sheets in other assets.

Financial Instruments

The carrying amounts and estimated fair values of our financial instruments are as follows:

| | June 30, 2015 | | December 31, 2014 | |
|----------------|-----------------|------------|-------------------|------------|
| | Carrying Amount | Fair Value | Carrying Amount | Fair Value |
| | (in millions) | | | |
| Long-term debt | \$4,592.6 | \$4,768.4 | \$4,592.5 | \$4,969.3 |

The fair value of our long-term debt was based on quoted prices for identical or similar liabilities in markets that are not active or valuation models in which all significant inputs and value drivers are observable and, as a result, are classified as Level 2 inputs.

The carrying amounts of cash and cash equivalents, as well as instruments included in other current assets and other current liabilities that meet the definition of financial instruments, approximate fair values because of their short-term maturities.

10. Income Taxes

Our income tax provision for the three months ended June 30, 2015 was \$200.7 million on pre-tax income of \$601.0 million, or an effective tax rate of 33.4%, compared to an income tax provision of \$157.2 million on pre-tax income of \$480.2 million, or an effective tax rate of 32.7%, for the three months ended June 30, 2014. Our effective tax rate was higher in the three months ended June 30, 2015 principally due to higher state income taxes and a reduced tax benefit from depletion related to our phosphate mining and manufacturing business that was sold in March 2014. Our effective tax rate based on pre-tax earnings differs from our effective tax rate based on pre-tax earnings exclusive of the noncontrolling interest, as our consolidated income tax provision does not include a tax provision on the earnings attributable to the noncontrolling interest in Terra Nitrogen Company, L.P. (TNCLP), which does not record an income tax provision.

We recorded an income tax benefit of \$11.9 million in the three months ended June 30, 2015 for the pre-tax losses on the sale of equity method investments. The tax benefit related to the loss on the sale of our interests in Keytrade is included in

15

Table of Contents

equity in (losses) earnings of non-operating affiliates—net of taxes in our consolidated statements of operations. See Note 8—Equity Method Investments for additional information.

Our unrecognized tax benefits are \$135.5 million as of June 30, 2015 of which approximately \$97.0 million would impact our effective tax rate if these unrecognized tax benefits were to be recognized in the future.

11. Interest Expense

Details of interest expense are as follows:

| | Three months ended | | Six months ended | |
|---|--------------------|---------|------------------|---------|
| | June 30, | | June 30, | |
| | 2015 | 2014 | 2015 | 2014 |
| | (in millions) | | | |
| Interest on borrowings ⁽¹⁾ | \$63.5 | \$63.5 | \$127.0 | \$111.4 |
| Fees on financing agreements ⁽¹⁾ | 2.4 | 2.4 | 3.8 | 5.9 |
| Interest on tax liabilities | 0.5 | 0.4 | 1.0 | 1.9 |
| Interest capitalized | (37.4 |) (15.6 |) (68.9 |) (28.5 |
| | \$29.0 | \$50.7 | \$62.9 | \$90.7 |

⁽¹⁾ See Note 12—Financing Agreements for additional information.

Table of Contents

12. Financing Agreements

Credit Agreement

CF Holdings, as a guarantor, and CF Industries, as borrower, entered into a \$500.0 million senior unsecured credit agreement, dated May 1, 2012 (the Credit Agreement), which provided for a revolving credit facility of up to \$500.0 million with a maturity of five years. On April 22, 2013, the Credit Agreement was amended and restated to increase the credit facility from \$500.0 million to \$1.0 billion and extend its maturity to May 1, 2018. On March 20, 2015, the Credit Agreement was further amended and restated to increase the credit facility from \$1.0 billion to \$1.5 billion and extend its maturity to March 20, 2020.

Borrowings under the Credit Agreement bear interest at a variable rate based on an applicable margin over LIBOR or a base rate and may be used for working capital, capital expenditures, acquisitions, share repurchases and other general corporate purposes. The Credit Agreement requires that the Company maintain a minimum interest coverage ratio and not exceed a maximum total leverage ratio, and includes other customary terms and conditions, including customary events of default and covenants.

All obligations under the Credit Agreement are unsecured. Currently, CF Holdings is the only guarantor of CF Industries' obligations under the Credit Agreement. Certain of CF Industries' domestic subsidiaries would be required to become guarantors under the Credit Agreement if such subsidiary were to guarantee other debt of the Company or CF Industries in excess of \$450.0 million. Currently, no such subsidiary guarantees any debt.

As of June 30, 2015, there was \$1,495.1 million of available credit under the Credit Agreement (net of outstanding letters of credit of \$4.9 million), and there were no borrowings outstanding as of June 30, 2015 or December 31, 2014, or during the periods then ended.

Senior Notes

Long-term debt presented on our consolidated balance sheets as of June 30, 2015 and December 31, 2014 consisted of the following:

| | June 30, 2015 (in millions) | December 31, 2014 |
|-------------------------|-----------------------------------|----------------------|
| Unsecured senior notes: | | |
| 6.875% due 2018 | \$800.0 | \$800.0 |
| 7.125% due 2020 | 800.0 | 800.0 |
| 3.450% due 2023 | 749.4 | 749.4 |
| 5.150% due 2034 | 746.2 | 746.2 |
| 4.950% due 2043 | 748.8 | 748.8 |
| 5.375% due 2044 | 748.2 | 748.1 |
| | 4,592.6 | 4,592.5 |
| Less: Current portion | — | — |
| Net long-term debt | \$4,592.6 | \$4,592.5 |

Under the indentures (including the applicable supplemental indentures) governing the senior notes identified in the table above, each series of senior notes is guaranteed by CF Holdings. Interest is paid semiannually and the senior notes are redeemable at our option, in whole at any time or in part from time to time, at specified make-whole redemption prices. The indentures governing the senior notes contain customary events of default and covenants that limit, among other things, the ability of CF Holdings and its subsidiaries, including CF Industries, to incur liens on certain properties to secure debt.

If a Change of Control occurs together with a Ratings Downgrade (as both terms are defined under the indentures governing the senior notes), CF Industries would be required to offer to repurchase each series of senior notes at a price equal to 101% of the principal amount thereof, plus accrued and unpaid interest. In addition, in the event that a subsidiary of ours, other than CF Industries, becomes a borrower or a guarantor under the Credit Agreement (or any renewal, replacement or refinancing thereof), such subsidiary would be required to become a guarantor of the senior notes, provided that such requirement will no longer apply with respect to the senior notes due in 2023, 2034, 2043 and 2044 following the repayment of the senior notes due in 2018 and 2020 or the subsidiaries of ours, other than CF

Industries, otherwise becoming no longer subject to such a requirement to guarantee the senior notes due in 2018 and 2020.

17

Table of Contents

13. Noncontrolling Interest

Terra Nitrogen Company, L.P. (TNCLP) is a master limited partnership (MLP) that owns a nitrogen manufacturing facility in Verdigris, Oklahoma. We own an aggregate 75.3% of TNCLP through general and limited partnership interests. Outside investors own the remaining 24.7% of the limited partnership. For financial reporting purposes, the assets, liabilities and earnings of the partnership are consolidated into our financial statements. The outside investors' limited partnership interests in the partnership are recorded in noncontrolling interest in our consolidated financial statements. The noncontrolling interest represents the noncontrolling unitholders' interest in the earnings and equity of TNCLP. An affiliate of CF Industries is required to purchase all of TNCLP's fertilizer products at market prices as defined in the Amendment to the General and Administrative Services and Product Offtake Agreement, dated September 28, 2010.

TNCLP makes cash distributions to the general and limited partners based on formulas defined within its Agreement of Limited Partnership. Cash available for distribution is defined in the agreement generally as all cash receipts less all cash disbursements, less certain reserves (including reserves for future operating and capital needs) established as the general partner determines in its reasonable discretion to be necessary or appropriate. Changes in working capital affect available cash, as increases in the amount of cash invested in working capital items (such as increases in inventory and decreases in accounts payable) reduce available cash, while declines in the amount of cash invested in working capital items increase available cash. Cash distributions to the limited partners and general partner vary depending on the extent to which the cumulative distributions exceed certain target threshold levels set forth in the Agreement of Limited Partnership.

In each of the applicable quarters of 2015 and 2014, the minimum quarterly distributions were satisfied, which entitled us, as the general partner, to receive increased distributions on our general partner interests as provided for in the Agreement of Limited Partnership. The earnings attributed to our general partner interest in excess of the threshold levels for the six months ended June 30, 2015 and 2014, were \$56.4 million and \$80.1 million, respectively.

As of June 30, 2015, Terra Nitrogen GP Inc. (TNGP), the general partner of TNCLP (and an indirect wholly-owned subsidiary of CF Industries), and its affiliates owned 75.3% of TNCLP's outstanding units. When not more than 25% of TNCLP's issued and outstanding units are held by non-affiliates of TNGP, TNCLP, at TNGP's sole discretion, may call, or assign to TNGP or its affiliates, TNCLP's right to acquire all such outstanding units held by non-affiliated persons. If TNGP elects to acquire all outstanding units, TNCLP is required to give at least 30 but not more than 60 days' notice of TNCLP's decision to purchase the outstanding units. The purchase price per unit will be the greater of (1) the average of the previous 20 trading days' closing prices as of the date five days before the purchase is announced or (2) the highest price paid by TNGP or any of its affiliates for any unit within the 90 days preceding the date the purchase is announced.

A reconciliation of the beginning and ending balances of TNCLP's noncontrolling interest and distributions payable to noncontrolling interests in our consolidated balance sheets is provided below.

| | Six months ended June 30, | |
|---|------------------------------|---------|
| | 2015 | 2014 |
| | (in millions) | |
| Noncontrolling interest: | | |
| Beginning balance | \$362.8 | \$362.3 |
| Earnings attributable to noncontrolling interest | 18.2 | 24.0 |
| Declaration of distributions payable | (21.1 |) (23.5 |
| Ending balance | \$359.9 | \$362.8 |
| Distributions payable to noncontrolling interest: | | |
| Beginning balance | \$— | \$— |
| Declaration of distributions payable | 21.1 | 23.5 |
| Distributions to noncontrolling interest | (21.1 |) (23.5 |
| Ending balance | \$— | \$— |

Proposed Internal Revenue Service Regulation Impacting Master Limited Partnerships

Currently, no federal income taxes are paid by TNCLP due to its MLP status. Partnerships are generally not subject to federal income tax, although publicly-traded partnerships (such as TNCLP) are treated as corporations for federal income tax purposes (and therefore are subject to federal income tax), unless at least 90% of the partnership's gross income is "qualifying income" as defined in Section 7704 of the Internal Revenue Code of 1986, as amended, and the partnership is not required to

Table of Contents

register as an investment company under the Investment Company Act of 1940. Any change in the tax treatment of income from fertilizer-related activities as qualifying income could cause TNCLP to be treated as a corporation for federal income tax purposes, and could have a material adverse impact on unitholder distributions for unitholders who would not be entitled to a dividends received deduction or other similar offsetting deduction. If TNCLP were taxed as a corporation, under current law, due to its current ownership interest, CF Industries would qualify for a partial dividends received deduction on the dividends received from TNCLP. Therefore, we would not expect a change in the tax treatment of TNCLP to have a material impact on the consolidated financial condition or results of operations of CF Holdings.

On May 6, 2015, the Internal Revenue Service (IRS) published proposed regulations on the types of income and activities which constitute or generate qualifying income of a MLP. The proposed regulations would have the effect of limiting the types of income and activities which qualify under the MLP rules, subject to certain transition provisions. The proposed regulations include as activities that generate qualifying income processing or refining and transportation activities with respect to any mineral or natural resource (including fertilizer), but reserve on specific proposals regarding fertilizer-related activities. We continue to monitor these IRS regulatory activities.

14. Derivative Financial Instruments

We use derivative financial instruments to reduce our exposure to changes in commodity prices and foreign currency exchange rates.

Commodity Price Risk Management

Natural gas is the largest and most volatile component of the manufacturing cost for nitrogen-based products. We manage the risk of changes in natural gas prices primarily through the use of derivative financial instruments covering periods of generally less than three years. The derivatives that we use are primarily natural gas options and natural gas fixed price swaps traded in the OTC markets. These natural gas derivatives settle using primarily a NYMEX futures price index, which represents the basis for fair value at any given time. We enter into natural gas derivative contracts with respect to natural gas to be consumed by us in the future, and settlements of those derivative contracts are scheduled to coincide with our anticipated purchases of natural gas used to manufacture nitrogen products during those future periods. We use natural gas derivatives as an economic hedge of natural gas price risk, but without the application of hedge accounting. As a result, changes in fair value of these contracts are recorded in earnings. As of June 30, 2015 and December 31, 2014, we had open natural gas derivative contracts for 300.7 million MMBtus and 58.7 million MMBtus, respectively. For the six months ended June 30, 2015, we used derivatives to cover approximately 70% of our natural gas consumption.

Foreign Currency Exchange Rates

In the fourth quarter of 2012, our Board of Directors authorized a project to construct new ammonia and urea/UAN plants at our Donaldsonville, Louisiana complex and new ammonia and urea plants at our Port Neal, Iowa complex. A portion of the capacity expansion project costs are euro-denominated. In order to manage our exposure to changes in the euro to U.S. dollar currency exchange rates, we have hedged our projected euro-denominated payments through the second quarter of 2016 using foreign currency forward contracts.

As of June 30, 2015 and December 31, 2014, the notional amount of our open foreign currency derivatives was €99.0 million and €209.0 million, respectively. None of these open foreign currency derivatives were designated as hedging instruments for accounting purposes.

As of June 30, 2015, accumulated other comprehensive income includes \$7.4 million of pre-tax gains related to foreign currency derivatives that were originally designated as cash flow hedges. The hedges were de-designated as of December 31, 2013, and the remaining balance in accumulated other comprehensive income will be reclassified into income over the depreciable lives of the property, plant and equipment associated with the capacity expansion projects. We expect that the amounts to be reclassified within the next twelve months will be insignificant. See Note 16—Accumulated Other Comprehensive Income (Loss) for additional information.

Table of Contents

The effect of derivatives in our consolidated statements of operations is shown in the table below. None of our derivatives were designated as hedging instruments.

| | Unrealized gain (loss) recognized in income | | |
|--|---|-----------------------|-----------|
| | Three months ended | | |
| | June 30, | | |
| | 2015 | 2014 | |
| | (in millions) | | |
| Natural gas derivatives | Cost of sales | \$18.4 | \$(28.6) |
| Foreign exchange contracts | Other operating—net | 15.1 | (8.3) |
| Unrealized gains (losses) recognized in income | | \$33.5 | \$(36.9) |
| | | Gain (loss) in income | |
| | | Three months ended | |
| | | June 30, | |
| | | 2015 | 2014 |
| | | (in millions) | |
| All Derivatives | | \$33.5 | \$(36.9) |
| Unrealized gains (losses) | | (15.4) | 35.5 |
| Realized (losses) gains | | \$18.1 | \$(1.4) |
| Net derivative gains (losses) | | | |
| | Unrealized gain (loss) recognized in income | | |
| | Six months ended | | |
| | June 30, | | |
| | 2015 | 2014 | |
| | (in millions) | | |
| Natural gas derivatives | Cost of sales | \$47.1 | \$(51.2) |
| Foreign exchange contracts | Other operating—net | 2.8 | (13.2) |
| Unrealized gains (losses) recognized in income | | \$49.9 | \$(64.4) |
| | | Gain (loss) in income | |
| | | Six months ended | |
| | | June 30, | |
| | | 2015 | 2014 |
| | | (in millions) | |
| All Derivatives | | \$49.9 | \$(64.4) |
| Unrealized gains (losses) | | (59.1) | 97.5 |
| Realized (losses) gains | | \$(9.2) | \$33.1 |
| Net derivative (losses) gains | | | |

The fair values of derivatives on our consolidated balance sheets are shown below. As of June 30, 2015 and December 31, 2014, none of our derivative instruments were designated as hedging instruments. For additional information on derivative fair values, see Note 9—Fair Value Measurements.

Table of Contents

| | Asset Derivatives | | | Liability Derivatives | | |
|----------------------------|----------------------|---------------|--------------|---------------------------|---------------|--------------|
| | Balance Sheet | June 30, | December 31, | Balance Sheet | June 30, | December 31, |
| | Location | 2015 | 2014 | Location | 2015 | 2014 |
| | | (in millions) | | | (in millions) | |
| Foreign exchange contracts | Other current assets | \$— | \$— | Other current liabilities | \$(19.6) | \$(22.4) |
| Foreign exchange contracts | Other assets | — | — | Other liabilities | — | — |
| Natural gas derivatives | Other current assets | 13.5 | 0.5 | Other current liabilities | (3.0) | (26.0) |
| Natural gas derivatives | Other assets | 9.6 | — | Other liabilities | (5.2) | — |
| Total derivatives | | \$23.1 | \$ 0.5 | | \$(27.8) | \$(48.4) |
| Current / | | | | | | |
| Noncurrent totals | | | | | | |
| | Other current assets | \$13.5 | \$ 0.5 | Other current liabilities | \$(22.6) | \$(48.4) |
| | Other assets | 9.6 | — | Other liabilities | (5.2) | — |
| Total derivatives | | \$23.1 | \$ 0.5 | | \$(27.8) | \$(48.4) |

As of June 30, 2015 and December 31, 2014, the aggregate fair value of the derivative instruments with credit-risk-related contingent features in a net liability position was \$23.8 million and \$47.1 million, respectively, which also approximates the fair value of the maximum amount of additional collateral that would need to be posted or assets needed to settle the obligations if the credit-risk-related contingent features were triggered at the reporting dates. At both June 30, 2015 and December 31, 2014, we had no cash collateral on deposit with counterparties for derivative contracts. The credit support documents executed in connection with certain of our International Swaps and Derivatives Association (ISDA) agreements generally provide us and our counterparties the right to set off collateral against amounts owing under the ISDA agreements upon the occurrence of a default or a specified termination event. The following table presents amounts relevant to offsetting of our derivative assets and liabilities as of June 30, 2015 and December 31, 2014:

| | Amounts presented in consolidated balance sheets ⁽¹⁾ | Gross amounts not offset in consolidated balance sheets | Cash collateral received (pledged) | Net amount |
|------------------------------|---|---|------------------------------------|------------|
| | (in millions) | | | |
| June 30, 2015 | | | | |
| Total derivative assets | \$23.1 | \$23.1 | \$— | \$— |
| Total derivative liabilities | 27.8 | 23.1 | — | 4.7 |
| Net derivative liabilities | \$(4.7) | \$— | \$— | \$(4.7) |
| December 31, 2014 | | | | |
| Total derivative assets | \$0.5 | \$0.5 | \$— | \$— |
| Total derivative liabilities | 48.4 | 0.5 | — | 47.9 |
| Net derivative liabilities | \$(47.9) | \$— | \$— | \$(47.9) |

(1) We report the fair values of our derivative assets and liabilities on a gross basis on our consolidated balance sheets. As a result, the gross amounts recognized and net amounts presented are the same.

We do not believe the contractually allowed netting, close-out netting or setoff of amounts owed to, or due from, the counterparties to our ISDA agreements would have a material effect on our financial position.

Table of Contents

15. Treasury Stock

Our Board of Directors has authorized certain programs to repurchase shares of our common stock. Each of these programs is consistent in that repurchases may be made from time to time in the open market, through privately-negotiated transactions, through block transactions or otherwise. The manner, timing and amount of repurchases are determined by our management based on the evaluation of market conditions, stock price and other factors.

In the third quarter of 2012, our Board of Directors authorized a program to repurchase up to \$3.0 billion of the common stock of CF Holdings through December 31, 2016 (the 2012 Program). The repurchases under this program were completed in the second quarter of 2014. On August 6, 2014, our Board of Directors authorized a program to repurchase up to \$1.0 billion of the common stock of CF Holdings through December 31, 2016 (the 2014 Program). The following table summarizes the share repurchases under the 2014 Program and the 2012 Program. The number of shares has been retroactively restated for all prior periods presented to reflect the five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015. See Note 1—Background and Basis of Presentation for further information.

| | 2014 Program | | 2012 Program | |
|--|---------------|---------|--------------|-----------|
| | Shares | Amounts | Shares | Amounts |
| | (in millions) | | | |
| Shares repurchased as of December 31, 2013 | — | \$— | 36.7 | \$1,449.3 |
| Shares repurchased in 2014: | | | | |
| First quarter | — | \$— | 16.0 | \$793.9 |
| Second quarter | — | — | 15.4 | 756.8 |
| Third quarter | — | — | — | — |
| Fourth quarter | 7.0 | 372.8 | — | — |
| Total shares repurchased in 2014 | 7.0 | 372.8 | 31.4 | 1,550.7 |
| Shares repurchased as of December 31, 2014 | 7.0 | \$372.8 | 68.1 | \$3,000.0 |
| Shares repurchased in 2015: | | | | |
| First quarter | 4.1 | \$236.6 | | |
| Second quarter | 4.5 | 268.1 | | |
| Total shares repurchased in 2015 | 8.6 | 504.7 | | |
| Shares repurchased as of June 30, 2015 | 15.6 | \$877.5 | | |

As of June 30, 2015 and December 31, 2014, the amount of shares repurchased that was accrued but unpaid was \$10.8 million and \$29.1 million, respectively.

During the six months ended June 30, 2015 and 2014, we retired 10.7 million shares and 23.5 million shares of repurchased stock, respectively. As of June 30, 2015 and December 31, 2014, we held in treasury approximately 2.0 million and 4.2 million shares of repurchased stock, respectively.

See Note 20—Subsequent Events for a discussion of shares repurchased subsequent to June 30, 2015.

Table of Contents

16. Accumulated Other Comprehensive Income (Loss)

Changes to accumulated other comprehensive income (AOCI) are as follows:

| | Foreign Currency Translation Adjustment (in millions) | Unrealized Gain (Loss) on Securities | Unrealized Gain (Loss) on Derivatives | Defined Benefit Plans | Accumulated Other Comprehensive Income (Loss) |
|--|---|---|--|-----------------------------|--|
| Balance as of December 31, 2013 | \$31.9 | \$0.6 | \$6.5 | \$(81.6) | \$(42.6) |
| Unrealized gain | — | 0.5 | — | — | 0.5 |
| Gain arising during the period | — | — | — | 3.3 | 3.3 |
| Reclassification to earnings | — | — | — | 0.9 | 0.9 |
| Effect of exchange rate changes and deferred taxes | 13.4 | (0.2) | — | 2.3 | 15.5 |
| Balance as of June 30, 2014 | \$45.3 | \$0.9 | \$6.5 | \$(75.1) | \$(22.4) |
| Balance as of December 31, 2014 | \$(40.5) | \$0.8 | \$4.7 | \$(124.8) | \$(159.8) |
| Unrealized gain | — | 0.1 | — | — | 0.1 |
| Loss arising during the period | — | — | — | (3.4) | (3.4) |
| Reclassification to earnings | — | (0.1) | — | 3.1 | 3.0 |
| Effect of exchange rate changes and deferred taxes | (50.3) | — | — | 4.6 | (45.7) |
| Balance as of June 30, 2015 | \$(90.8) | \$0.8 | \$4.7 | \$(120.5) | \$(205.8) |

Reclassifications out of AOCI to earnings during the three and six months ended June 30, 2015 and 2014 were as follows:

| | Three months ended June 30, 2015 | | Six months ended June 30, 2015 | |
|---|--|---------|--------------------------------------|---------|
| | 2014 | 2014 | 2014 | 2014 |
| | (in millions) | | | |
| Unrealized (Gain) Loss on Securities | | | | |
| Available-for-sale securities ⁽¹⁾ | \$— | \$0.1 | \$(0.1) | \$— |
| Total before tax | — | 0.1 | (0.1) | — |
| Tax effect | — | — | — | — |
| Net of tax | \$— | \$0.1 | \$(0.1) | \$— |
| Defined Benefit Plans | | | | |
| Amortization of prior service (benefit) cost ⁽²⁾ | \$(0.2) | \$(0.3) | \$(0.5) | \$(0.3) |
| Amortization of net loss ⁽²⁾ | 1.9 | 0.7 | 3.6 | 1.2 |
| Total before tax | 1.7 | 0.4 | 3.1 | 0.9 |
| Tax effect | (0.6) | (0.1) | (1.1) | (0.3) |
| Net of tax | \$1.1 | \$0.3 | \$2.0 | \$0.6 |
| Total reclassifications for the period | \$1.1 | \$0.4 | \$1.9 | \$0.6 |

⁽¹⁾ Represents the amount that was reclassified into interest income.⁽²⁾ These components are included in the computation of net periodic pension cost and were reclassified from AOCI into cost of sales and selling, general and administrative expenses.

Table of Contents

17. Contingencies

Litigation

West Fertilizer Co.

On April 17, 2013, there was a fire and explosion at the West Fertilizer Co. fertilizer storage and distribution facility in West, Texas. According to published reports, 15 people were killed and approximately 200 people were injured in the incident, and the fire and explosion damaged or destroyed a number of homes and buildings around the facility. We have been named as defendants along with other companies in lawsuits filed in 2013, 2014 and 2015 in the District Court of McLennan County, Texas by the City of West, individual residents of the County and other parties seeking recovery for damages allegedly sustained as a result of the explosion. The cases have been consolidated for discovery and pretrial proceedings in the District Court of McLennan County under the caption "In re: West Explosion Cases." The two-year statute of limitations expired on April 17, 2015. As of that date, over 400 plaintiffs had filed claims, including at least 9 entities, 325 individuals, and 80 insurance companies. Plaintiffs allege various theories of negligence, strict liability, breach of warranty and assault under Texas law. Although we do not own or operate the facility or directly sell our products to West Fertilizer Co., products we have manufactured and sold to others have been delivered to the facility and may have been stored at the West facility at the time of the incident.

Fact discovery continues about the circumstances surrounding the April 17, 2013 fire and explosion. The Company filed Motions for Summary Judgment on all issues of liability with respect to all plaintiffs' claims on May 15, 2015. Subsequent briefing and hearings on those motions will occur into August 2015. The parties will engage in mediation with respect to all claims prior to the court-imposed deadline of August 17, 2015. The first three cases are scheduled to begin trial on October 12, 2015. The remaining cases are in various stages of discovery and pre-trial proceedings. We believe we have strong legal and factual defenses and intend to continue defending ourselves vigorously in the pending lawsuits.

Other Litigation

From time to time, we are subject to ordinary, routine legal proceedings related to the usual conduct of our business, including proceedings regarding public utility and transportation rates, environmental matters, taxes and permits relating to the operations of our various plants and facilities. Based on the information available as of the date of this filing, we believe that the ultimate outcome of these routine matters will not have a material adverse effect on our consolidated financial position, results of operations or cash flows.

Environmental

Louisiana Environmental Matters

Clean Air Act—Section 185 Fee

Our Donaldsonville nitrogen complex is located in a five-parish region near Baton Rouge, Louisiana that, as of 2005, was designated as being in "severe" nonattainment with respect to the national ambient air quality standard (NAAQS) for ozone (the 1-hour ozone standard) pursuant to the Federal Clean Air Act (the Act). Section 185 of the Act requires states, in their state implementation plans, to levy a fee (Section 185 fee) on major stationary sources (such as the Donaldsonville complex) located in a severe nonattainment area that did not meet the 1-hour ozone standard by November 30, 2005. The fee was to be assessed for each calendar year (beginning in 2006) until the area achieved compliance with the ozone NAAQS.

Prior to the imposition of Section 185 fees, the Environmental Protection Agency (EPA) adopted a new ozone standard (the 8-hour ozone standard) and rescinded the 1-hour ozone standard. The Baton Rouge area was designated as a "moderate" nonattainment area with respect to the 8-hour ozone standard. However, because Section 185 fees had never been assessed prior to the rescission of the 1-hour ozone standard (rescinded prior to the November 30, 2005 ozone attainment deadline), the EPA concluded in a 2004 rulemaking implementing the 8-hour ozone standard that the Act did not require states to assess Section 185 fees. As a result, Section 185 fees were not assessed against us and other companies located in the Baton Rouge area.

In 2006, the federal D.C. Circuit Court of Appeals rejected the EPA's position and held that Section 185 fees were controls that must be maintained and fees should have been assessed under the Act. In January 2008, the U.S. Supreme Court declined to accept the case for review, making the appellate court's decision final.

Table of Contents

In July 2011, the EPA approved a revision to Louisiana's air pollution program that eliminated the requirement for Baton Rouge area companies to pay Section 185 fees, based on Baton Rouge's ultimate attainment of the 1-hour standard through permanent and enforceable emissions reductions. EPA's approval of the Louisiana air program revision became effective on August 8, 2011. However, a recent decision by the federal D.C. Circuit Court of Appeals struck down a similar, but perhaps distinguishable, EPA guidance document regarding alternatives to Section 185 fees. At this time, the viability of EPA's approval of Louisiana's elimination of Section 185 fees is uncertain.

Regardless of the approach ultimately adopted by the EPA, we expect that it is likely to be challenged by the environmental community, the states, and/or affected industries. Therefore, the costs associated with compliance with the Act cannot be determined at this time, and we cannot reasonably estimate the impact on our consolidated financial position, results of operations or cash flows.

Furthermore, the area has seen significant reductions in ozone levels, attributable to federal and state regulations and community involvement. Preliminary ozone design values computed for the Baton Rouge nonattainment area suggest the area has achieved attainment with the 2008 8-hour ozone standard. A determination from EPA was issued on April 4, 2014 indicating that the Baton Rouge area is currently attaining the 2008 8-hour ozone standard. The determination is based on a recent review of air quality data from 2011-2013. Additional revisions to the ozone NAAQS, like the proposed rule that would strengthen the ozone standard that was proposed on December 17, 2014, may affect the longevity and long-term consequences of this determination.

Clean Air Act Information Request

On February 26, 2009, we received a letter from the EPA under Section 114 of the Act requesting information and copies of records relating to compliance with New Source Review and New Source Performance Standards at the Donaldsonville facility. We have completed the submittal of all requested information. There has been no further contact from the EPA regarding this matter.

Florida Environmental Matters

On March 17, 2014, we completed the sale of our phosphate mining and manufacturing business, which was located in Florida, to Mosaic. See Note 3—Phosphate Business Disposition for additional information. Pursuant to the terms of the Purchase Agreement, Mosaic has assumed the following environmental matters and we have agreed to indemnify Mosaic with respect to losses arising out of the matters below, subject to a maximum indemnification cap and the other terms of the Purchase Agreement.

Clean Air Act Notice of Violation

We received a Notice of Violation (NOV) from the EPA by letter dated June 16, 2010, alleging that we violated the Prevention of Significant Deterioration (PSD) Clean Air Act regulations relating to certain projects undertaken at the former Plant City, Florida facility's sulfuric acid plants. This NOV further alleges that the actions that are the basis for the alleged PSD violations also resulted in violations of Title V air operating permit regulations. Finally, the NOV alleges that we failed to comply with certain compliance dates established by hazardous air pollutant regulations for phosphoric acid manufacturing plants and phosphate fertilizer production plants. We had several meetings with the EPA with respect to this matter prior to the sale of the phosphate mining and manufacturing business in March 2014. We do not know at this time if this matter will be settled prior to initiation of formal legal action.

We cannot estimate the potential penalties, fines or other expenditures, if any, that may result from the Clean Air Act NOV and, therefore, we cannot determine if the ultimate outcome of this matter will have a material impact on our consolidated financial position, results of operations or cash flows.

EPCRA/CERCLA Notice of Violation

By letter dated July 6, 2010, the EPA issued a NOV to us alleging violations of Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) in connection with the former Plant City facility. EPCRA requires annual reports to be submitted with respect to the use of certain toxic chemicals. The NOV also included an allegation that we violated Section 304 of EPCRA and Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) by failing to file a timely notification relating to the release of hydrogen fluoride above applicable reportable quantities. We not know at this time if this matter will be settled prior to initiation of formal legal action.

We do not expect that penalties or fines, if any, that may arise out of the EPCRA/CERCLA matter will have a material impact on our consolidated financial position, results of operations or cash flows.

25

Table of Contents

Other

CERCLA/Remediation Matters

From time to time, we receive notices from governmental agencies or third parties alleging that we are a potentially responsible party at certain cleanup sites under CERCLA or other environmental cleanup laws. In 2011, we received a notice from the Idaho Department of Environmental Quality (IDEQ) that alleged that we were a potentially responsible party for the cleanup of a former phosphate mine site we owned in the late 1950s and early 1960s located in Georgetown Canyon, Idaho. The current owner of the property and a former mining contractor received similar notices for the site. In 2014, we and the current property owner entered into a Consent Order with IDEQ and the U.S. Forest Service to conduct a remedial investigation and feasibility study of the site. We are not able to estimate at this time our potential liability, if any, with respect to the cleanup of the site. However, based on currently available information, we do not expect that any remedial or financial obligations to which we may be subject involving this or other cleanup sites will have a material adverse effect on our business, financial condition, results of operations or cash flows.

18. Segment Disclosures

Our reporting segments consist of the following: ammonia, granular urea, UAN, other, and phosphate. These segments are differentiated by products, which are used differently by agricultural customers based on crop application, weather and other agronomic factors or by industrial customers based on their usage.

We sold our phosphate mining and manufacturing business during the first quarter of 2014. See Note 3—Phosphate Business Disposition for additional information. The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The phosphate segment will continue to be included until the reporting of comparable period phosphate results ceases.

Upon selling the phosphate business, we began to supply Mosaic with ammonia produced by our PLNL joint venture. The contract to supply ammonia to Mosaic from our PLNL joint venture represents the continuation of a supply practice that previously existed between our former phosphate mining and manufacturing business and other operations of the Company. Prior to March 17, 2014, PLNL sold ammonia to us for use in the phosphate business and the cost was included in our production costs in the phosphate segment. Subsequent to the sale of the phosphate business, we now sell the PLNL-sourced ammonia to Mosaic. The revenue from these sales to Mosaic and costs to purchase the ammonia from PLNL are now included in our ammonia segment. Our 50% share of the operating results of our PLNL joint venture continues to be included in our equity in earnings of operating affiliates in our consolidated statements of operations. Because of the significance of this continuing supply practice, in accordance with U.S. GAAP, the phosphate mining and manufacturing business is not reported as discontinued operations in our consolidated statements of operations.

Our management uses gross margin to evaluate segment performance and allocate resources. Total other operating costs and expenses (consisting of selling, general and administrative expenses and other operating—net) and non-operating expenses (interest and income taxes) are centrally managed and are not included in the measurement of segment profitability reviewed by management.

Our assets, with the exception of goodwill, are not monitored by or reported to our Chief Operating Decision Maker by segment; therefore, we do not present total assets by segment. Goodwill by segment is presented in Note 7—Goodwill and Other Intangible Assets.

Table of Contents

Segment data for sales, cost of sales and gross margin for the three and six months ended June 30, 2015 and 2014 are presented in the tables below.

| | Ammonia | Granular Urea ⁽¹⁾ | UAN ⁽¹⁾ | Other ⁽¹⁾ | Phosphate | Consolidated |
|---|---------------|------------------------------|--------------------|----------------------|-----------|--------------|
| | (in millions) | | | | | |
| Three months ended June 30, 2015 | | | | | | |
| Net sales | \$599.0 | \$211.0 | \$407.4 | \$94.1 | \$— | \$1,311.5 |
| Cost of sales | 260.0 | 92.4 | 204.8 | 68.4 | — | 625.6 |
| Gross margin | \$339.0 | \$118.6 | \$202.6 | \$25.7 | \$— | 685.9 |
| Total other operating costs and expenses | | | | | | 60.3 |
| Equity in earnings of operating affiliates | | | | | | 4.7 |
| Operating earnings | | | | | | \$630.3 |
| Three months ended June 30, 2014 ⁽²⁾ | | | | | | |
| Net sales | \$604.8 | \$267.6 | \$456.5 | \$120.5 | \$23.3 | \$1,472.7 |
| Cost of sales | 376.4 | 142.9 | 255.2 | 86.2 | 21.7 | 882.4 |
| Gross margin | \$228.4 | \$124.7 | \$201.3 | \$34.3 | \$1.6 | 590.3 |
| Total other operating costs and expenses | | | | | | 61.1 |
| Equity in earnings of operating affiliates | | | | | | 2.1 |
| Operating earnings | | | | | | \$531.3 |
| | Ammonia | Granular Urea ⁽¹⁾ | UAN ⁽¹⁾ | Other ⁽¹⁾ | Phosphate | Consolidated |
| | (in millions) | | | | | |
| Six months ended June 30, 2015 | | | | | | |
| Net sales | \$886.7 | \$423.2 | \$763.1 | \$192.1 | \$— | \$2,265.1 |
| Cost of sales | 427.8 | 192.5 | 401.8 | 141.3 | — | 1,163.4 |
| Gross margin | \$458.9 | \$230.7 | \$361.3 | \$50.8 | \$— | 1,101.7 |
| Total other operating costs and expenses | | | | | | 118.6 |
| Equity in earnings of operating affiliates | | | | | | 14.4 |
| Operating earnings | | | | | | \$997.5 |
| Six months ended June 30, 2014 ⁽²⁾ | | | | | | |
| Net sales | \$877.2 | \$483.8 | \$856.4 | \$219.5 | \$168.4 | \$2,605.3 |
| Cost of sales | 524.5 | 257.4 | 473.0 | 159.0 | 158.3 | 1,572.2 |
| Gross margin | \$352.7 | \$226.4 | \$383.4 | \$60.5 | \$10.1 | 1,033.1 |
| Total other operating costs and expenses | | | | | | 97.0 |
| Gain on sale of phosphate business | | | | | | 747.1 |
| Equity in earnings of operating affiliates | | | | | | 17.9 |
| Operating earnings | | | | | | \$1,701.1 |

(1) The cost of ammonia that is upgraded into other products is transferred at cost into the upgraded product results. As discussed in Note 1—Background and Basis of Presentation, in the third quarter of 2014, we changed the

(2) composition of our reportable segments. Prior-year results have been recast to conform with the new presentation of reportable segments.

Table of Contents

19. Condensed Consolidating Financial Statements

The following condensed consolidating financial statements are presented in accordance with SEC Regulation S-X Rule 3-10, Financial statements of guarantors and issuers of guaranteed securities registered or being registered, and relates to the senior notes (the Notes) issued by CF Industries, Inc. (CF Industries), a 100% owned subsidiary of CF Industries Holdings, Inc. (Parent), described in Note 12—Financing Agreements, and the full and unconditional guarantee of such Notes by Parent and to debt securities of CF Industries, and the full and unconditional guarantee thereof by Parent, that may be offered and sold from time to time under the registration statement on Form S-3 filed by Parent and CF Industries with the SEC on April 22, 2013. In the event that a subsidiary of Parent, other than CF Industries, becomes a borrower or a guarantor under the Credit Agreement (or any renewal, replacement or refinancing thereof), such subsidiary would be required to become a guarantor of the Notes, provided that such requirement will no longer apply with respect to the Notes due in 2023, 2034, 2043 and 2044 following the repayment of the Notes due in 2018 and 2020 or the subsidiaries of Parent, other than CF Industries, otherwise becoming no longer subject to such a requirement to guarantee the Notes due in 2018 and 2020. As of June 30, 2015, none of such subsidiaries of Parent was, or was required to be, a guarantor to the Notes. For purposes of the presentation of condensed consolidating financial information, the subsidiaries of Parent other than CF Industries are referred to as the Other Subsidiaries.

Presented below are condensed consolidating statements of operations and statements of cash flows for Parent, CF Industries and the Other Subsidiaries for the three and six months ended June 30, 2015 and 2014, and condensed consolidating balance sheets for Parent, CF Industries and the Other Subsidiaries as of June 30, 2015 and December 31, 2014. The condensed consolidating financial statements presented below are not necessarily indicative of the financial position, results of operations, comprehensive income or cash flows of Parent, CF Industries or the Other Subsidiaries on a stand-alone basis.

In these condensed consolidating financial statements, investments in subsidiaries are presented under the equity method, in which our investments are recorded at cost and adjusted for our ownership share of a subsidiary's cumulative results of operations, distributions and other equity changes, and the eliminating entries reflect primarily intercompany transactions such as sales, accounts receivable and accounts payable and the elimination of equity investments and earnings of subsidiaries.

Table of Contents

Condensed Consolidating Statement of Operations

| | Three months ended June 30, 2015 | | | | |
|---|----------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net sales | \$— | \$110.6 | \$1,393.0 | \$(192.1) |) \$1,311.5 |
| Cost of sales | — | 110.6 | 707.1 | (192.1) |) 625.6 |
| Gross margin | — | — | 685.9 | — | 685.9 |
| Selling, general and administrative expenses | 1.5 | 0.6 | 35.8 | — | 37.9 |
| Other operating—net | — | (0.4) |) 22.8 | — | 22.4 |
| Total other operating costs and expenses | 1.5 | 0.2 | 58.6 | — | 60.3 |
| Equity in earnings of operating affiliates | — | — | 4.7 | — | 4.7 |
| Operating (losses) earnings | (1.5) |) (0.2) |) 632.0 | — | 630.3 |
| Interest expense | — | 65.9 | (22.3) |) (14.6) |) 29.0 |
| Interest income | — | (14.6) |) (0.2) |) 14.6 | (0.2) |
| Net (earnings) of wholly-owned subsidiaries | (352.8) |) (386.3) |) — | 739.1 | — |
| Other non-operating—net | (0.1) |) (0.1) |) 0.7 | — | 0.5 |
| Earnings before income taxes and equity in losses of non-operating affiliates | 351.4 | 334.9 | 653.8 | (739.1) |) 601.0 |
| Income tax (benefit) provision | (0.5) |) (17.9) |) 219.1 | — | 200.7 |
| Equity in losses of non-operating affiliates—net of taxes | — | — | (35.5) |) — | (35.5) |
| Net earnings | 351.9 | 352.8 | 399.2 | (739.1) |) 364.8 |
| Less: Net earnings attributable to noncontrolling interest | — | — | 12.9 | — | 12.9 |
| Net earnings attributable to common stockholders | \$351.9 | \$352.8 | \$386.3 | \$(739.1) |) \$351.9 |

Condensed Consolidating Statement of Comprehensive Income

| | Three months ended June 30, 2015 | | | | |
|--|----------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net earnings | \$351.9 | \$352.8 | \$399.2 | \$(739.1) |) \$364.8 |
| Other comprehensive income (losses) | 34.5 | 34.5 | 35.4 | (69.9) |) 34.5 |
| Comprehensive income | 386.4 | 387.3 | 434.6 | (809.0) |) 399.3 |
| Less: Comprehensive income attributable to noncontrolling interest | — | — | 12.9 | — | 12.9 |
| Comprehensive income attributable to common stockholders | \$386.4 | \$387.3 | \$421.7 | \$(809.0) |) \$386.4 |

Table of Contents

Condensed Consolidating Statement of Operations

| | Six months ended June 30, 2015 | | | | |
|---|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net sales | \$— | \$191.9 | \$2,396.8 | \$(323.6) |) \$2,265.1 |
| Cost of sales | — | 191.9 | 1,295.1 | (323.6) |) 1,163.4 |
| Gross margin | — | — | 1,101.7 | — | 1,101.7 |
| Selling, general and administrative expenses | 2.3 | 0.9 | 74.8 | — | 78.0 |
| Other operating—net | — | (5.6) |) 46.2 | — | 40.6 |
| Total other operating costs and expenses | 2.3 | (4.7) |) 121.0 | — | 118.6 |
| Equity in earnings of operating affiliates | — | — | 14.4 | — | 14.4 |
| Operating (losses) earnings | (2.3) |) 4.7 | 995.1 | — | 997.5 |
| Interest expense | — | 130.8 | (53.3) |) (14.6) |) 62.9 |
| Interest income | — | (14.6) |) (0.6) |) 14.6 | (0.6) |
| Net (earnings) of wholly-owned subsidiaries | (583.9) |) (657.0) |) — | 1,240.9 | — |
| Other non-operating—net | (0.1) |) — | 0.6 | — | 0.5 |
| Earnings before income taxes and equity in losses of non-operating affiliates | 581.7 | 545.5 | 1,048.4 | (1,240.9) |) 934.7 |
| Income tax (benefit) provision | (0.8) |) (38.4) |) 352.6 | — | 313.4 |
| Equity in losses of non-operating affiliates—net of taxes | — | — | (20.6) |) — | (20.6) |
| Net earnings | 582.5 | 583.9 | 675.2 | (1,240.9) |) 600.7 |
| Less: Net earnings attributable to noncontrolling interest | — | — | 18.2 | — | 18.2 |
| Net earnings attributable to common stockholders | \$582.5 | \$583.9 | \$657.0 | \$(1,240.9) |) \$582.5 |

Condensed Consolidating Statement of Comprehensive Income

| | Six months ended June 30, 2015 | | | | |
|--|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net earnings | \$582.5 | \$583.9 | \$675.2 | \$(1,240.9) |) \$600.7 |
| Other comprehensive income (losses) | (46.0) |) (46.0) |) (45.1) |) 91.1 | (46.0) |
| Comprehensive income | 536.5 | 537.9 | 630.1 | (1,149.8) |) 554.7 |
| Less: Comprehensive income attributable to noncontrolling interest | — | — | 18.2 | — | 18.2 |
| Comprehensive income attributable to common stockholders | \$536.5 | \$537.9 | \$611.9 | \$(1,149.8) |) \$536.5 |

Table of Contents

Condensed Consolidating Statement of Operations

| | Three months ended June 30, 2014 | | | | |
|---|----------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net sales | \$— | \$95.7 | \$1,553.8 | \$(176.8) |) \$1,472.7 |
| Cost of sales | — | 95.7 | 963.5 | (176.8) |) 882.4 |
| Gross margin | — | — | 590.3 | — | 590.3 |
| Selling, general and administrative expenses | 0.9 | 0.3 | 38.3 | — | 39.5 |
| Other operating—net | — | — | 21.6 | — | 21.6 |
| Total other operating costs and expenses | 0.9 | 0.3 | 59.9 | — | 61.1 |
| Equity in earnings of operating affiliates | — | — | 2.1 | — | 2.1 |
| Operating (losses) earnings | (0.9) |) (0.3) |) 532.5 | — | 531.3 |
| Interest expense | — | 65.9 | (15.1) |) (0.1) |) 50.7 |
| Interest income | — | (0.1) |) (0.3) |) 0.1 | (0.3) |
| Net (earnings) of wholly-owned subsidiaries | (313.1) |) (356.6) |) — | 669.7 | — |
| Other non-operating—net | (0.1) |) 0.1 | 0.7 | — | 0.7 |
| Earnings before income taxes and equity in earnings of non-operating affiliates | 312.3 | 290.4 | 547.2 | (669.7) |) 480.2 |
| Income tax (benefit) provision | (0.3) |) (22.7) |) 180.2 | — | 157.2 |
| Equity in earnings of non-operating affiliates—net of taxes | — | — | 1.7 | — | 1.7 |
| Net earnings | 312.6 | 313.1 | 368.7 | (669.7) |) 324.7 |
| Less: Net earnings attributable to noncontrolling interest | — | — | 12.1 | — | 12.1 |
| Net earnings attributable to common stockholders | \$312.6 | \$313.1 | \$356.6 | \$(669.7) |) \$312.6 |

Condensed Consolidating Statement of Comprehensive Income

| | Three months ended June 30, 2014 | | | | |
|--|----------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net earnings | \$312.6 | \$313.1 | \$368.7 | \$(669.7) |) \$324.7 |
| Other comprehensive income (losses) | 29.6 | 29.6 | 29.6 | (59.2) |) 29.6 |
| Comprehensive income | 342.2 | 342.7 | 398.3 | (728.9) |) 354.3 |
| Less: Comprehensive income attributable to noncontrolling interest | — | — | 12.1 | — | 12.1 |
| Comprehensive income attributable to common stockholders | \$342.2 | \$342.7 | \$386.2 | \$(728.9) |) \$342.2 |

Table of Contents

Condensed Consolidating Statement of Operations

| | Six months ended June 30, 2014 | | | | |
|---|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net sales | \$— | \$467.7 | \$2,776.8 | \$(639.2) |) \$2,605.3 |
| Cost of sales | — | 284.0 | 1,927.4 | (639.2) |) 1,572.2 |
| Gross margin | — | 183.7 | 849.4 | — | 1,033.1 |
| Selling, general and administrative expenses | 1.6 | 1.7 | 77.9 | — | 81.2 |
| Other operating—net | — | (0.3) |) 16.1 | — | 15.8 |
| Total other operating costs and expenses | 1.6 | 1.4 | 94.0 | — | 97.0 |
| Gain on sale of phosphate business | — | 761.5 | (14.4) |) — | 747.1 |
| Equity in earnings of operating affiliates | — | — | 17.9 | — | 17.9 |
| Operating (losses) earnings | (1.6) |) 943.8 | 758.9 | — | 1,701.1 |
| Interest expense | — | 115.3 | (24.4) |) (0.2) |) 90.7 |
| Interest income | — | (0.2) |) (0.5) |) 0.2 | (0.5) |
| Net (earnings) of wholly-owned subsidiaries | (1,022.1) |) (507.9) |) — | 1,530.0 | — |
| Other non-operating—net | (0.1) |) — | 0.7 | — | 0.6 |
| Earnings before income taxes and equity in earnings of non-operating affiliates | 1,020.6 | 1,336.6 | 783.1 | (1,530.0) |) 1,610.3 |
| Income tax (benefit) provision | (0.5) |) 314.4 | 256.5 | — | 570.4 |
| Equity in earnings of non-operating affiliates—net of taxes | — | (0.1) |) 5.3 | — | 5.2 |
| Net earnings | 1,021.1 | 1,022.1 | 531.9 | (1,530.0) |) 1,045.1 |
| Less: Net earnings attributable to noncontrolling interest | — | — | 24.0 | — | 24.0 |
| Net earnings attributable to common stockholders | \$1,021.1 | \$1,022.1 | \$507.9 | \$(1,530.0) |) \$1,021.1 |

Condensed Consolidating Statement of Comprehensive Income

| | Six months ended June 30, 2014 | | | | |
|--|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | Consolidated |
| | (in millions) | | | | |
| Net earnings | \$1,021.1 | \$1,022.1 | \$531.9 | \$(1,530.0) |) \$1,045.1 |
| Other comprehensive income (losses) | 20.2 | 20.2 | 20.2 | (40.4) |) 20.2 |
| Comprehensive income | 1,041.3 | 1,042.3 | 552.1 | (1,570.4) |) 1,065.3 |
| Less: Comprehensive income attributable to noncontrolling interest | — | — | 24.0 | — | 24.0 |
| Comprehensive income attributable to common stockholders | \$1,041.3 | \$1,042.3 | \$528.1 | \$(1,570.4) |) \$1,041.3 |

Table of Contents

Condensed Consolidating Balance Sheet

June 30, 2015

| | Parent | CF Industries | Other Subsidiaries | Eliminations and Reclassifications | Consolidated |
|---|---------------|------------------|-----------------------|--|--------------|
| | (in millions) | | | | |
| Assets | | | | | |
| Current assets: | | | | | |
| Cash and cash equivalents | \$— | \$3.7 | \$806.2 | \$— | \$809.9 |
| Restricted cash | — | — | 54.0 | — | 54.0 |
| Accounts and notes receivable—net | 0.1 | 1,704.1 | 1,191.4 | (2,700.7) | 194.9 |
| Inventories | — | — | 205.3 | — | 205.3 |
| Deferred income taxes | — | — | 53.8 | — | 53.8 |
| Prepaid income taxes | 2.7 | — | 14.7 | (2.7) | 14.7 |
| Other current assets | — | — | 33.8 | — | 33.8 |
| Total current assets | 2.8 | 1,707.8 | 2,359.2 | (2,703.4) | 1,366.4 |
| Property, plant and equipment—net | — | — | 6,465.6 | — | 6,465.6 |
| Investments in and advances to affiliates | 4,339.6 | 8,108.2 | 808.7 | (12,447.8) | 808.7 |
| Due from affiliates | 570.7 | — | 2.2 | (572.9) | — |
| Goodwill | — | — | 2,090.8 | — | 2,090.8 |
| Other assets | — | 63.1 | 203.8 | — | 266.9 |
| Total assets | \$4,913.1 | \$9,879.1 | \$11,930.3 | \$ (15,724.1) | \$10,998.4 |
| Liabilities and Equity | | | | | |
| Current liabilities: | | | | | |
| Accounts and notes payable and accrued expenses | \$797.2 | \$284.2 | \$2,320.5 | \$ (2,700.7) | \$701.2 |
| Income taxes payable | — | 0.6 | 14.5 | (2.7) | 12.4 |
| Customer advances | — | — | 17.3 | — | 17.3 |
| Other current liabilities | — | — | 22.6 | — | 22.6 |
| Total current liabilities | 797.2 | 284.8 | 2,374.9 | (2,703.4) | 753.5 |
| Long-term debt | — | 4,592.6 | — | — | 4,592.6 |
| Deferred income taxes | — | 54.0 | 722.5 | — | 776.5 |
| Due to affiliates | — | 572.9 | — | (572.9) | — |
| Other liabilities | — | 35.2 | 364.8 | — | 400.0 |
| Equity: | | | | | |
| Stockholders' equity: | | | | | |
| Preferred stock | — | — | 16.4 | (16.4) | — |
| Common stock | 2.4 | — | 1.1 | (1.1) | 2.4 |
| Paid-in capital | 1,368.0 | (12.6) | 8,284.9 | (8,272.3) | 1,368.0 |
| Retained earnings | 3,080.3 | 4,558.0 | 11.1 | (4,569.1) | 3,080.3 |
| Treasury stock | (129.0) | — | — | — | (129.0) |
| Accumulated other comprehensive income (loss) | (205.8) | (205.8) | (205.3) | 411.1 | (205.8) |
| Total stockholders' equity | 4,115.9 | 4,339.6 | 8,108.2 | (12,447.8) | 4,115.9 |
| Noncontrolling interest | — | — | 359.9 | — | 359.9 |
| Total equity | 4,115.9 | 4,339.6 | 8,468.1 | (12,447.8) | 4,475.8 |
| Total liabilities and equity | \$4,913.1 | \$9,879.1 | \$11,930.3 | \$ (15,724.1) | \$10,998.4 |

Table of Contents

Condensed Consolidating Balance Sheet

| | December 31, 2014 | | | | |
|---|-------------------|------------------|-----------------------|--|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations and Reclassifications | Consolidated |
| | (in millions) | | | | |
| Assets | | | | | |
| Current assets: | | | | | |
| Cash and cash equivalents | \$— | \$105.7 | \$1,890.9 | \$— | \$1,996.6 |
| Restricted cash | — | — | 86.1 | — | 86.1 |
| Accounts and notes receivable—net | — | 2,286.5 | 651.9 | (2,746.9) | 191.5 |
| Inventories | — | — | 202.9 | — | 202.9 |
| Deferred income taxes | — | — | 84.0 | — | 84.0 |
| Prepaid income taxes | 1.9 | — | 34.8 | (1.9) | 34.8 |
| Other current assets | — | — | 18.6 | — | 18.6 |
| Total current assets | 1.9 | 2,392.2 | 2,969.2 | (2,748.8) | 2,614.5 |
| Property, plant and equipment—net | — | — | 5,525.8 | — | 5,525.8 |
| Investments in and advances to affiliates | 6,212.5 | 9,208.7 | 861.5 | (15,421.2) | 861.5 |
| Due from affiliates | 570.7 | — | 1.7 | (572.4) | — |
| Goodwill | — | — | 2,092.8 | — | 2,092.8 |
| Other assets | — | 65.1 | 178.5 | — | 243.6 |
| Total assets | \$6,785.1 | \$11,666.0 | \$11,629.5 | \$ (18,742.4) | \$11,338.2 |
| Liabilities and Equity | | | | | |
| Current liabilities: | | | | | |
| Accounts and notes payable and accrued expenses | \$2,575.4 | \$207.7 | \$553.8 | \$ (2,747.0) | \$589.9 |
| Income taxes payable | — | 10.8 | 7.1 | (1.9) | 16.0 |
| Customer advances | — | — | 325.4 | — | 325.4 |
| Other current liabilities | — | — | 48.4 | — | 48.4 |
| Total current liabilities | 2,575.4 | 218.5 | 934.7 | (2,748.9) | 979.7 |
| Long-term debt | — | 4,592.5 | — | — | 4,592.5 |
| Deferred income taxes | — | 34.8 | 783.8 | — | 818.6 |
| Due to affiliates | — | 572.4 | — | (572.4) | — |
| Other liabilities | — | 35.3 | 339.6 | — | 374.9 |
| Equity: | | | | | |
| Stockholders' equity: | | | | | |
| Preferred stock | — | — | 16.4 | (16.4) | — |
| Common stock ⁽¹⁾ | 2.5 | — | 1.1 | (1.1) | 2.5 |
| Paid-in capital ⁽¹⁾ | 1,413.9 | (12.6) | 8,283.5 | (8,270.9) | 1,413.9 |
| Retained earnings | 3,175.3 | 6,384.9 | 1,067.8 | (7,452.7) | 3,175.3 |
| Treasury stock ⁽¹⁾ | (222.2) | — | — | — | (222.2) |
| Accumulated other comprehensive income (loss) | (159.8) | (159.8) | (160.2) | 320.0 | (159.8) |
| Total stockholders' equity | 4,209.7 | 6,212.5 | 9,208.6 | (15,421.1) | 4,209.7 |
| Noncontrolling interest | — | — | 362.8 | — | 362.8 |
| Total equity | 4,209.7 | 6,212.5 | 9,571.4 | (15,421.1) | 4,572.5 |
| Total liabilities and equity | \$6,785.1 | \$11,666.0 | \$11,629.5 | \$ (18,742.4) | \$11,338.2 |

- (1) December 31, 2014 amounts have been retroactively restated to reflect the five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.

34

Table of Contents

Condensed Consolidating Statement of Cash Flows

| | Six months ended June 30, 2015 | | | | Consolidated |
|---|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | |
| | (in millions) | | | | |
| Operating Activities: | | | | | |
| Net earnings | \$582.5 | \$583.9 | \$675.2 | \$(1,240.9) | \$600.7 |
| Adjustments to reconcile net earnings to net cash provided by operating activities: | | | | | |
| Depreciation and amortization | — | 3.6 | 215.7 | — | 219.3 |
| Deferred income taxes | — | 19.7 | (25.4) | — | (5.7) |
| Stock-based compensation expense | 7.8 | — | 0.3 | — | 8.1 |
| Excess tax benefit from stock-based compensation | (1.8) | — | — | — | (1.8) |
| Unrealized gain on derivatives | — | — | (43.2) | — | (43.2) |
| Loss on sale of equity method investments | — | — | 42.8 | — | 42.8 |
| Loss on disposal of property, plant and equipment | — | — | 13.6 | — | 13.6 |
| Undistributed (earnings) loss of affiliates—net | (583.9) | (657.0) | (16.2) | 1,240.9 | (16.2) |
| Due to/from affiliates—net | 1.9 | 0.4 | (2.3) | — | — |
| Changes in: | | | | | |
| Accounts and notes receivable—net | — | (64.5) | (81.9) | 142.7 | (3.7) |
| Inventories | — | — | (8.0) | — | (8.0) |
| Accrued and prepaid income taxes | (0.8) | (10.2) | 41.4 | — | 30.4 |
| Accounts and notes payable and accrued expenses | 0.3 | 75.3 | 33.9 | (142.7) | (33.2) |
| Customer advances | — | — | (308.1) | — | (308.1) |
| Other—net | — | 0.3 | 3.5 | — | 3.8 |
| Net cash provided by (used in) operating activities | 6.0 | (48.5) | 541.3 | — | 498.8 |
| Investing Activities: | | | | | |
| Additions to property, plant and equipment | — | — | (1,031.9) | — | (1,031.9) |
| Proceeds from sale of property, plant and equipment | — | — | 8.0 | — | 8.0 |
| Proceeds from sale of equity method investment | — | — | 12.8 | — | 12.8 |
| Withdrawals from restricted cash funds | — | — | 32.1 | — | 32.1 |
| Other—net | — | (1.5) | (22.4) | 1.5 | (22.4) |
| Net cash (used in) provided by investing activities | — | (1.5) | (1,001.4) | 1.5 | (1,001.4) |
| Financing Activities: | | | | | |
| Short-term debt—net | 507.9 | (50.0) | (457.9) | — | — |
| Financing fees | — | (2.0) | — | — | (2.0) |
| Dividends paid on common stock | (142.5) | (142.5) | (142.5) | 285.0 | (142.5) |
| Distributions to noncontrolling interest | — | — | (21.1) | — | (21.1) |
| Purchases of treasury stock | (523.1) | — | — | — | (523.1) |
| Issuances of common stock under employee stock plans | 7.4 | — | — | — | 7.4 |

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| | | | | | | |
|--|-------|---------|------------|---------|----------|---|
| Excess tax benefit from stock-based compensation | 1.8 | — | — | — | 1.8 | |
| Dividends to/from affiliates | 142.5 | 142.5 | — | (285.0) |) — | |
| Other—net | — | — | 1.5 | (1.5) |) — | |
| Net cash used in financing activities | (6.0 |) (52.0 |) (620.0 |) (1.5 |) (679.5 |) |
| Effect of exchange rate changes on cash and cash equivalents | — | — | (4.6 |) — | (4.6 |) |
| Decrease in cash and cash equivalents | — | (102.0 |) (1,084.7 |) — | (1,186.7 |) |
| Cash and cash equivalents at beginning of period | — | 105.7 | 1,890.9 | — | 1,996.6 | |
| Cash and cash equivalents at end of period | \$— | \$3.7 | \$806.2 | \$— | \$809.9 | |

35

Table of Contents

Condensed Consolidating Statement of Cash Flows

| | Six months ended June 30, 2014 | | | | Consolidated |
|---|--------------------------------|------------------|-----------------------|--------------|--------------|
| | Parent | CF Industries | Other Subsidiaries | Eliminations | |
| | (in millions) | | | | |
| Operating Activities: | | | | | |
| Net earnings | \$1,021.1 | \$1,022.1 | \$531.9 | \$(1,530.0) | \$1,045.1 |
| Adjustments to reconcile net earnings to net cash provided by operating activities: | | | | | |
| Depreciation and amortization | — | 3.3 | 199.8 | — | 203.1 |
| Deferred income taxes | — | — | 1.1 | — | 1.1 |
| Stock-based compensation expense | 9.9 | — | 0.1 | — | 10.0 |
| Excess tax benefit from stock-based compensation | (5.2) |) — | — | — | (5.2) |
| Unrealized loss on derivatives | — | — | 61.4 | — | 61.4 |
| Gain on sale of phosphate business | — | (761.5) |) 14.4 | — | (747.1) |
| Loss on disposal of property, plant and equipment | — | — | 1.0 | — | 1.0 |
| Undistributed loss (earnings) of affiliates—net | (1,022.2) |) (507.8) |) (15.1) |) 1,530.0 | (15.1) |
| Due to/from affiliates—net | 5.2 | 1.8 | (7.0) |) — | — |
| Changes in: | | | | | |
| Accounts and notes receivable—net | (0.1) |) (248.8) |) 697.2 | (460.4) |) (12.1) |
| Inventories | — | (2.5) |) 66.5 | — | 64.0 |
| Accrued and prepaid income taxes | (0.5) |) 314.3 | (291.2) |) — | 22.6 |
| Accounts and notes payable and accrued expenses | (1.9) |) 207.5 | (696.4) |) 460.4 | (30.4) |
| Customer advances | — | — | (57.2) |) — | (57.2) |
| Other—net | — | (3.3) |) 17.4 | — | 14.1 |
| Net cash provided by operating activities | 6.3 | 25.1 | 523.9 | — | 555.3 |
| Investing Activities: | | | | | |
| Additions to property, plant and equipment | — | (18.3) |) (666.7) |) — | (685.0) |
| Proceeds from sale of property, plant and equipment | — | — | 5.9 | — | 5.9 |
| Proceeds from sale of phosphate business | — | 893.1 | 460.5 | — | 1,353.6 |
| Deposits to restricted cash funds | — | — | (505.0) |) — | (505.0) |
| Withdrawals from restricted cash funds | — | — | 14.0 | — | 14.0 |
| Other—net | — | — | 16.8 | — | 16.8 |
| Net cash provided by (used in) investing activities | — | 874.8 | (674.5) |) — | 200.3 |
| Financing Activities: | | | | | |
| Proceeds from long-term borrowings | — | 1,494.2 | — | — | 1,494.2 |
| Short-term debt—net | 1,570.0 | (2,026.9) |) 456.9 | — | — |
| Financing fees | — | (16.0) |) — | — | (16.0) |
| Dividends paid on common stock | (107.2) |) (107.2) |) (107.2) |) 214.4 | (107.2) |
| Dividends to/from affiliates | 107.2 | 107.2 | — | (214.4) |) — |
| Distributions to noncontrolling interest | — | — | (23.5) |) — | (23.5) |
| Purchases of treasury stock | (1,591.2) |) — | — | — | (1,591.2) |
| | 9.7 | — | — | — | 9.7 |

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| | | | | | |
|--|--------|----------|-----------|-----|-----------|
| Issuances of common stock under employee stock plans | | | | | |
| Excess tax benefit from stock-based compensation | 5.2 | — | — | — | 5.2 |
| Other—net | — | (1.0 |) (42.0 |) — | (43.0) |
| Net cash (used in) provided by financing activities | (6.3) | (549.7) | 284.2 | — | (271.8) |
| Effect of exchange rate changes on cash and cash equivalents | — | — | (0.5) | — | (0.5) |
| Increase in cash and cash equivalents | — | 350.2 | 133.1 | — | 483.3 |
| Cash and cash equivalents at beginning of period | 0.1 | 20.4 | 1,690.3 | — | 1,710.8 |
| Cash and cash equivalents at end of period | \$0.1 | \$370.6 | \$1,823.4 | \$— | \$2,194.1 |

36

Table of Contents

20. Subsequent Events

GrowHow Acquisition

On July 31, 2015, we completed the previously announced acquisition of the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. See Note 8—Equity Method Investments for additional information. The purchase price was funded with cash on hand.

Share Repurchases

In July 2015, we repurchased 0.3 million of the Company's common shares for \$22.5 million as part of the \$1.0 billion share repurchase program announced in the third quarter of 2014. See Note 15—Treasury Stock for additional information. Together with the 15.6 million shares repurchased through June 30, 2015, these repurchases bring the total repurchased shares to date under this program to 15.9 million for an aggregate expenditure of \$900.0 million.

Agreement to Combine with certain of OCI N.V.'s Businesses

On August 6, 2015, we announced that we entered into a definitive agreement under which we will combine with the European, North American and Global Distribution businesses of OCI N.V. (OCI) in a transaction valued at approximately \$8 billion, based on CF's current share price, including the assumption of approximately \$2 billion in net debt. The transaction includes OCI's nitrogen production facilities in Geleen, Netherlands, and Wever, Iowa, its interest in an ammonia and methanol complex in Beaumont, Texas and its global distribution business in Dubai, United Arab Emirates. The combined entity will also purchase a 45% interest plus an option to acquire the remaining interest in OCI's Natgasoline project in Texas, which upon completion in 2017 will be one of the world's largest methanol facilities. Under the terms of the agreement, CF will become a subsidiary of a new holding company (new CF) domiciled in the United Kingdom, where CF is the largest fertilizer producer following its recent acquisition of GrowHow. OCI will contribute its European, North American and Global Distribution businesses to new CF in exchange for shares equal to a fixed 25.6% of new CF plus approximately \$700 million of consideration to be paid in a mix of cash or shares at new CF's discretion. The agreement to purchase the 45% interest in Natgasoline is for approximately \$500 million in cash. Upon completion of the transaction and based on the current share price, CF shareholders would own approximately 72.3% of the new company and OCI would own approximately 27.7%. Final consideration mix (cash and new CF stock) and resulting ownership split will be dependent on the CF share price at the time of closing. The transaction is expected to close in 2016, subject to the approval of shareholders of both CF and OCI, the receipt of certain regulatory approvals and other customary closing conditions. The new company will operate under the name CF and be led by existing CF management.

In conjunction with entering into the combination agreement, on August 6, 2015, CF Industries Holdings, Inc. obtained financing commitments from Morgan Stanley Senior Funding, Inc. and Goldman Sachs Bank USA to finance the transactions contemplated by the agreement and for general corporate purposes. The proceeds of such committed financing are expected to be made available under a senior unsecured bridge term loan facility in an aggregate principal amount of up to \$4.0 billion.

Table of Contents

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

You should read the following discussion and analysis in conjunction with our annual consolidated financial statements and related notes, which were included in our 2014 Annual Report on Form 10-K filed with the SEC on February 26, 2015, as well as Item 1. Financial Statements, in this Form 10-Q. All references to "CF Holdings," "the Company," "we," "us" and "our" refer to CF Industries Holdings, Inc. and its subsidiaries, except where the context makes clear that the reference is only to CF Industries Holdings, Inc. itself and not its subsidiaries. All references to "CF Industries" refer to CF Industries, Inc., a 100% owned subsidiary of CF Industries Holdings, Inc. References to tons refer to short-tons. Footnotes referenced in this discussion and analysis refer to the notes to unaudited interim consolidated financial statements that are found in the preceding section: Item 1. Financial Statements. The following is an outline of the discussion and analysis included herein:

Overview of CF Holdings

Our Company

Items Affecting Comparability of Results

Financial Executive Summary

Results of Consolidated Operations

Second Quarter of 2015 Compared to Second Quarter of 2014

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Operating Results by Business Segment

Liquidity and Capital Resources

Off-Balance Sheet Arrangements

Critical Accounting Policies and Estimates

Recent Accounting Pronouncements

Forward-Looking Statements

Overview of CF Holdings

Our Company

We are one of the largest manufacturers and distributors of nitrogen fertilizer and other nitrogen products in the world. Our principal customers are cooperatives, independent fertilizer distributors and industrial users. Our principal nitrogen fertilizer products are ammonia, granular urea and urea ammonium nitrate solution (UAN). Our other nitrogen products include ammonium nitrate (AN), diesel exhaust fluid (DEF), urea liquor, and aqua ammonia, which are sold primarily to our industrial customers. Our core market and distribution facilities are concentrated in the midwestern United States and other major agricultural areas of the United States and Canada. We also export nitrogen fertilizer products, primarily from our Donaldsonville, Louisiana manufacturing facility.

Prior to March 17, 2014, we also manufactured and distributed phosphate fertilizer products. Our principal phosphate products were diammonium phosphate (DAP) and monoammonium phosphate (MAP). On March 17, 2014, we completed the sale of our phosphate mining and manufacturing business (the "Transaction") to The Mosaic Company (Mosaic) pursuant to the terms of an Asset Purchase Agreement dated as of October 28, 2013 (the "Purchase Agreement"), among CF Industries Holdings, Inc., CF Industries and Mosaic for approximately \$1.4 billion in cash. See the section titled Items Affecting Comparability of Results for further information on the Transaction and its impact.

Our principal assets include:

six nitrogen fertilizer manufacturing facilities located in: Donaldsonville, Louisiana (the largest nitrogen fertilizer complex in North America); Medicine Hat, Alberta (the largest nitrogen fertilizer complex in Canada); Port Neal, Iowa; Courtright, Ontario; Yazoo City, Mississippi; and Woodward, Oklahoma;

- a 75.3% interest in Terra Nitrogen Company, L.P. (TNCLP), a publicly-traded limited partnership of which we are the sole general partner and the majority limited partner and which, through its subsidiary Terra Nitrogen, Limited Partnership (TNLP), operates a nitrogen fertilizer manufacturing facility in Verdigris, Oklahoma;

Table of Contents

an extensive system of terminals and associated transportation equipment located primarily in the midwestern United States; and

joint venture investments that we account for under the equity method, which consist of:

- a 50% interest in GrowHow UK Limited (GrowHow), a nitrogen products production joint venture located in the United Kingdom and serving primarily the British agricultural and industrial markets; and
- a 50% interest in Point Lisas Nitrogen Limited (PLNL), an ammonia production joint venture located in the Republic of Trinidad and Tobago.

During the second quarter of 2015, we approved certain plans to focus our portfolio of operating and non-operating equity method investments. These plans included taking the following actions:

We agreed to acquire the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. On July 31, 2015, we completed the acquisition and GrowHow became a wholly-owned subsidiary.

We sold our interests in KEYTRADE AG (Keytrade), a global fertilizer trading company headquartered near Zurich, Switzerland, to the other principals of Keytrade.

We sold our 50% ownership interest in an ammonia storage joint venture in Houston, Texas.

See further information regarding these changes to our equity method investments in Note 8—Equity Method Investments to our unaudited interim consolidated financial statements included in Part I of this report.

Our reporting segments consist of ammonia, granular urea, UAN, other, and phosphate. These segments are differentiated by products, which are used differently by agricultural customers based on crop application, weather and other agronomic factors or by industrial customers. Our management uses gross margin to evaluate segment performance and allocate resources. Total other operating costs and expenses (consisting of selling, general and administrative expenses and other operating—net) and non-operating expenses (interest and income taxes), are centrally managed and are not included in the measurement of segment profitability reviewed by management. The ammonia, granular urea, UAN and other segments are referred to in this discussion and analysis as the "Nitrogen Product Segments."

A description of our five reporting segments is included in the discussion of the operating results by business segment later in this discussion and analysis.

Items Affecting Comparability of Results

Five-for-One Common Stock Split

On May 15, 2015, we announced that our board of directors declared a five-for-one split of our common stock to be effected in the form of a stock dividend. On June 17, 2015, stockholders of record as of the close of business on June 1, 2015 (Record Date) received four additional shares of common stock for each share of common held on the Record Date. Shares reserved under the Company's equity and incentive plans were adjusted to reflect the stock split. All share and per share data has been retroactively restated to reflect the stock split, except for the number of authorized shares of common stock. Since the par value of the common stock remained at \$0.01 per share, the recorded value for common stock has been retroactively restated to reflect the par value of total outstanding shares.

Phosphate Business Disposition

In March 2014, we sold our phosphate mining and manufacturing business and recognized pre-tax and after-tax gains on the sale of the phosphate business of \$747.1 million and \$461.0 million, respectively. Under the terms of the Purchase Agreement, the accounts receivable and accounts payable pertaining to the phosphate mining and manufacturing business and certain phosphate inventory held in distribution facilities were not sold to Mosaic in the Transaction and were settled in the ordinary course. During the fourth quarter of 2014, based on the ordinary course settlement of certain transactions and certain adjustments that were made in accordance with the Purchase Agreement, we increased the recognized pre-tax and after-tax gains on the Transaction to \$750.1 million and \$462.8 million, respectively.

Upon selling the phosphate business, we began to supply Mosaic with ammonia produced by our PLNL joint venture. The contract to supply ammonia to Mosaic from our PLNL joint venture represents the continuation of a supply practice that previously existed between our former phosphate mining and manufacturing business and other operations of the Company. Prior to March 17, 2014, PLNL sold ammonia to us for use in the phosphate business and

the cost was included in our production costs in our phosphate segment. Subsequent to the sale of the phosphate business, we now sell the PLNL-sourced

Table of Contents

ammonia to Mosaic. The revenue from these sales to Mosaic and the costs to purchase the ammonia from PLNL are now included in our ammonia segment. Our 50% share of the operating results of our PLNL joint venture continues to be included in our equity in earnings of operating affiliates in our consolidated statements of operations. Because of the significance of this continuing supply practice, in accordance with U.S. generally accepted accounting principles (GAAP), the phosphate mining and manufacturing business is not reported as discontinued operations in our consolidated statements of operations.

The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The phosphate segment will continue to be included until the reporting of comparable period phosphate results ceases.

Financial Executive Summary

We reported net earnings attributable to common stockholders of \$351.9 million in the second quarter of 2015 compared to net earnings of \$312.6 million in the same quarter of 2014, an increase of \$39.3 million, or 13%.

- Diluted net earnings per share attributable to common stockholders increased \$0.27, or 22%, to \$1.49 per share in the second quarter of 2015 from \$1.22 per share in the second quarter of 2014. This increase is due to the increase in net earnings and the lower diluted weighted-average shares outstanding in 2015 as compared to the prior year. Diluted weighted-average shares outstanding decreased 8% between the second quarter of 2014 and the second quarter of 2015 due to our share repurchase activity.

During the second quarter of 2015, we experienced higher net earnings compared to the second quarter of 2014 due primarily to a combination of higher gross margin from our Nitrogen Product Segments and lower interest expense as a result of higher capitalized interest related to our expansion projects, partly offset by losses on the sale of equity method investments.

Our total gross margin increased by \$95.6 million, or 16%, to \$685.9 million in the second quarter of 2015 from \$590.3 million in the second quarter of 2014 due to a \$97.2 million increase in the Nitrogen Product Segments gross margin. The Nitrogen Product Segments gross margin was impacted by the following factors:

Natural gas costs decreased in the second quarter of 2015 and increased gross margin by \$130.7 million as compared to the second quarter of 2014. These costs include the impact of natural gas derivatives that settled in the period; Unrealized net mark-to-market gains on natural gas derivatives increased gross margin by \$47.0 million as the second quarter of 2015 included a \$18.4 million gain and the second quarter of 2014 included a \$28.6 million loss; Average selling prices decreased by 5%, which reduced gross margin by \$67.1 million; and Volume decreased by 5%, which reduced gross margin by \$28.6 million.

Our second quarter 2015 results included \$42.8 million of losses (\$30.9 million after tax) as a result of the sale of equity method investments, \$18.4 million of unrealized net mark-to-market gains (\$11.6 million after tax) on natural gas derivatives, \$12.6 million of expenses (\$7.9 million after tax) related to our capacity expansion projects in Donaldsonville, Louisiana, and Port Neal, Iowa that did not qualify for capitalization, and \$4.5 million of realized and unrealized net gains (\$2.8 million after tax) on foreign currency derivatives related to our capacity expansion projects. Net earnings attributable to common stockholders of \$312.6 million for the second quarter of 2014 included \$28.6 million of unrealized net mark-to-market losses (\$18.1 million after tax) on natural gas derivatives, a \$1.1 million realized and unrealized net loss (\$0.7 million after tax) on foreign currency derivatives related to our capacity expansion projects in Donaldsonville, Louisiana, and Port Neal, Iowa, and \$7.0 million of expenses (\$4.5 million after tax) related to our capacity expansion projects that did not qualify for capitalization.

Our net sales decreased \$161.2 million, or 11%, in the second quarter of 2015 compared to the second quarter of 2014 due primarily to the \$137.9 million decrease in Nitrogen Product Segments net sales and the \$23.3 million decline in net sales as a result of the sale of the phosphate business in the first quarter of 2014. Our Nitrogen Product Segments net sales decreased 10%, due to a 5% decrease in both volume and average selling prices.

Table of Contents

Net cash provided by operating activities during the first six months of 2015 was \$498.8 million as compared to \$555.3 million in the first six months of 2014. The \$56.5 million decrease in net cash provided by operating activities resulted from unfavorable working capital changes during the first six months of 2015 as compared to the first six months of 2014. Unfavorable working capital changes during the first six months of 2015 included lower customer advances received compared to the year ago period, as we started 2015 with significantly higher advances for spring application compared to the beginning of 2014. Additionally, unfavorable working capital changes occurred in inventory as we entered 2015 with low inventory levels and built inventory in the first six months of 2015, as compared to a reduction in inventory during the first six months of 2014.

Net cash used in investing activities was \$1,001.4 million in the first six months of 2015 as compared to net cash provided by investing activities of \$200.3 million in the first six months of 2014 when we received proceeds of \$1.4 billion from the sale of the phosphate business and subsequently made \$505.0 million in deposits to restricted cash funds. During the first six months of 2015, capital expenditures totaled \$1,031.9 million compared to \$685.0 million in the first six months of 2014. The increase in capital expenditures is primarily related to the capacity expansion projects in Donaldsonville, Louisiana and Port Neal, Iowa.

During the second quarter of 2015, we purchased 4.5 million shares of our common stock at an average price of \$60 per share, representing 1.8% of the prior year-end outstanding shares, at a cost of \$268.1 million.

Table of Contents

Results of Consolidated Operations

The following table presents our consolidated results of operations:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|--|--------------------------------|-----------|--------------|-------|--------------------------------|-----------|--------------|--------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$1,311.5 | \$1,472.7 | \$(161.2) | (11)% | \$2,265.1 | \$2,605.3 | \$(340.2) | (13)% |
| Cost of sales | 625.6 | 882.4 | (256.8) | (29)% | 1,163.4 | 1,572.2 | (408.8) | (26)% |
| Gross margin | 685.9 | 590.3 | 95.6 | 16% | 1,101.7 | 1,033.1 | 68.6 | 7% |
| Gross margin percentage | 52.3 | % 40.1 | % 12.2 | % | 48.6 | % 39.7 | % 8.9 | % |
| Selling, general and administrative expenses | 37.9 | 39.5 | (1.6) | (4)% | 78.0 | 81.2 | (3.2) | (4)% |
| Other operating—net | 22.4 | 21.6 | 0.8 | 4% | 40.6 | 15.8 | 24.8 | 157% |
| Total other operating costs and expenses | 60.3 | 61.1 | (0.8) | (1)% | 118.6 | 97.0 | 21.6 | 22% |
| Gain on sale of phosphate business | — | — | — | —% | — | 747.1 | (747.1) | (100)% |
| Equity in earnings of operating affiliates | 4.7 | 2.1 | 2.6 | 124% | 14.4 | 17.9 | (3.5) | (20)% |
| Operating earnings | 630.3 | 531.3 | 99.0 | 19% | 997.5 | 1,701.1 | (703.6) | (41)% |
| Interest expense—net | 28.8 | 50.4 | (21.6) | (43)% | 62.3 | 90.2 | (27.9) | (31)% |
| Other non-operating—net | 0.5 | 0.7 | (0.2) | (29)% | 0.5 | 0.6 | (0.1) | (17)% |
| Earnings before income taxes and equity in (losses) earnings of non-operating affiliates | 601.0 | 480.2 | 120.8 | 25% | 934.7 | 1,610.3 | (675.6) | (42)% |
| Income tax provision | 200.7 | 157.2 | 43.5 | 28% | 313.4 | 570.4 | (257.0) | (45)% |
| Equity in (losses) earnings of non-operating affiliates—net of taxes | (35.5) | 1.7 | (37.2) | N/M | (20.6) | 5.2 | (25.8) | N/M |
| Net earnings | 364.8 | 324.7 | 40.1 | 12% | 600.7 | 1,045.1 | (444.4) | (43)% |
| Less: Net earnings attributable to noncontrolling interest | 12.9 | 12.1 | 0.8 | 7% | 18.2 | 24.0 | (5.8) | (24)% |
| Net earnings attributable to common stockholders | \$351.9 | \$312.6 | \$39.3 | 13% | \$582.5 | \$1,021.1 | \$(438.6) | (43)% |
| Diluted net earnings per share attributable to common stockholders ⁽¹⁾ | \$1.49 | \$1.22 | \$0.27 | 22% | \$2.44 | \$3.85 | \$(1.41) | (37)% |
| Diluted weighted-average common shares outstanding ⁽¹⁾ | 236.1 | 256.0 | (19.9) | (8)% | 238.3 | 265.3 | (27.0) | (10)% |
| Dividends declared per common share ⁽¹⁾ | \$0.30 | \$0.20 | \$0.10 | 50% | \$0.60 | \$0.40 | \$0.20 | 50% |
| Supplemental Data: | | | | | | | | |
| Purchased natural gas costs (per MMBtu) ⁽²⁾ | \$2.60 | \$4.65 | \$(2.05) | (44)% | \$2.78 | \$4.95 | \$(2.17) | (44)% |
| Realized derivatives loss (gain) (per MMBtu) ⁽³⁾ | 0.07 | (0.46) | 0.53 | 115% | 0.29 | (0.68) | 0.97 | 143% |
| | \$2.67 | \$4.19 | \$(1.52) | (36)% | \$3.07 | \$4.27 | \$(1.20) | (28)% |

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| | | | | | | | | | |
|---|---------|---------|-----------|--------|-----------|---------|-----------|--------|--|
| Cost of natural gas (per MMBtu) | | | | | | | | | |
| Average daily market price of natural gas (per MMBtu) Henry Hub (Louisiana) | \$2.72 | \$4.58 | \$(1.86) | (41)% | \$2.80 | \$4.81 | \$(2.01) | (42)% | |
| Capital expenditures | \$587.1 | \$292.6 | \$294.5 | 101 % | \$1,031.9 | \$685.0 | \$346.9 | 51 % | |
| Production volume by product tons (000s): | | | | | | | | | |
| Ammonia ⁽⁴⁾ | 1,843 | 1,747 | 96 | 5 % | 3,660 | 3,547 | 113 | 3 % | |
| Granular urea | 593 | 646 | (53) | (8)% | 1,218 | 1,192 | 26 | 2 % | |
| UAN (32%) | 1,484 | 1,385 | 99 | 7 % | 2,914 | 2,934 | (20) | (1)% | |

N/M—Not Meaningful

Share and per share amounts have been retroactively restated for all prior periods presented to reflect the

- (1) five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.
- (2) Includes the cost of natural gas purchased during the period for use in production.
- (3) Includes realized gains and losses on natural gas derivatives settled during the period. Excludes unrealized mark-to-market gains and losses on natural gas derivatives.
- (4) Gross ammonia production, including amounts subsequently upgraded on-site into granular urea and/or UAN.

Table of Contents

Second Quarter of 2015 Compared to Second Quarter of 2014

Consolidated Operating Results

Our reporting segments consist of ammonia, granular urea, UAN, other, and phosphate. The ammonia, granular urea, UAN and other segments are referred to in this discussion and analysis as the "Nitrogen Product Segments."

Our total gross margin increased by \$95.6 million, or 16%, to \$685.9 million in the second quarter of 2015 from \$590.3 million in the second quarter of 2014 due to a \$97.2 million increase in the Nitrogen Product Segments gross margin. The Nitrogen Product Segments gross margin was impacted by the following factors:

- Natural gas costs decreased in the second quarter of 2015 and increased gross margin by \$130.7 million as compared to the second quarter of 2014. These costs include the impact of natural gas derivatives that settled in the period;
- Unrealized net mark-to-market gains on natural gas derivatives increased gross margin by \$47.0 million as the second quarter of 2015 included a \$18.4 million gain and the second quarter of 2014 included a \$28.6 million loss;
- Average selling prices, primarily UAN and granular urea, decreased by 5%, which reduced gross margin by \$67.1 million; and

- Volume, primarily ammonia and granular urea, decreased by 5%, which reduced gross margin by \$28.6 million.

Net earnings attributable to common stockholders of \$351.9 million in the second quarter of 2015 included \$42.8 million of losses (\$30.9 million after tax) as a result of the sale of equity method investments, a \$18.4 million pre-tax unrealized net mark-to-market gain (\$11.6 million after tax) on natural gas derivatives, \$12.6 million of expenses (\$7.9 million after tax) related to our capacity expansion projects in Donaldsonville, Louisiana, and Port Neal, Iowa that did not qualify for capitalization, and \$4.5 million of realized and unrealized net gains (\$2.8 million after tax) on foreign currency derivatives related to our capacity expansion projects. Net earnings attributable to common stockholders of \$312.6 million for the second quarter of 2014 included a \$28.6 million of pre-tax unrealized net mark-to-market losses (\$18.1 million after tax), a \$1.1 million (\$0.7 million after tax) realized and unrealized net loss on foreign currency derivatives, and \$7.0 million of expenses (\$4.5 million after tax) related to our capacity expansion projects that did not qualify for capitalization.

Net Sales

Net sales decreased \$161.2 million, or 11%, to \$1.3 billion in the second quarter of 2015 compared to \$1.5 billion in the second quarter of 2014 with a \$137.9 million decrease attributable to the Nitrogen Product Segments and a \$23.3 million decrease due to the sale of the phosphate business in the first quarter of 2014. Nitrogen Product Segments net sales decreased due to a 5% decrease in both volume and average selling prices compared to the second quarter of 2014. The decrease in Nitrogen Product Segments volume was due primarily to lower ammonia and urea volume. Our ammonia volume was lower in the second quarter of 2015 due to lower late-season sales in the eastern cornbelt resulting from wet weather conditions as compared to the end of the second quarter of 2014 when we sold into a robust market with late-season demand. Our granular urea volume was lower partly due to reduced supply availability that limited sales in the second quarter of 2015.

Nitrogen Product Segments average selling prices were \$363 per ton in the second quarter of 2015 compared to \$382 per ton in the second quarter of 2014 as lower UAN and granular urea selling prices in 2015 were partially offset by higher ammonia selling prices. UAN selling prices were lower due to the combination of higher UAN imports into the United States and moderate UAN demand partly attributed to wet weather conditions across portions of North America. Granular urea selling prices were lower due to pressure from increased urea imports to the United States and the continued impact of Chinese exports on global prices. Ammonia selling prices were higher due to stronger demand for ammonia in the second quarter of 2015 as customers showed a preference for applying pre-plant ammonia compared to other forms of nitrogen.

Cost of Sales

Cost of sales decreased \$256.8 million, or 29%, from the second quarter of 2014 to the second quarter of 2015 due primarily to lower natural gas costs. Cost of sales per ton in our Nitrogen Product Segments averaged \$173 in the second quarter of 2015, a 24% decrease from the \$227 per ton in the same quarter of 2014. The realized natural gas costs in the second quarter of 2015, including the impact of lower purchased natural gas costs and the impact of natural gas derivatives that settled in the period, decreased 36% compared to the second quarter of 2014. The second quarter of 2015 also included \$18.4 million of pre-tax unrealized net mark-to-market gains on natural gas derivatives

compared to losses of \$28.6 million in the second quarter of 2014.

43

Table of Contents

Selling, General and Administrative Expenses

Selling, general and administrative expenses decreased \$1.6 million to \$37.9 million in the second quarter of 2015 from \$39.5 million in the same quarter of 2014 due primarily to lower professional services for certain corporate projects.

Other Operating—Net

Other operating—net was \$22.4 million of expense in the second quarter of 2015 compared to \$21.6 million of expense in the same quarter of 2014. The increased expense was due primarily to higher expansion project costs pertaining to our Donaldsonville, Louisiana and Port Neal, Iowa capacity expansion projects, losses on the disposal of fixed assets, partially offset by realized and unrealized net gains on foreign currency derivatives.

Equity in Earnings of Operating Affiliates

Equity in earnings of operating affiliates consists of our 50% share of the operating results of PLNL and our 50% interest in an ammonia storage joint venture located in Houston, Texas. We sold our interest in the ammonia storage joint venture during the second quarter of 2015. Equity in earnings of operating affiliates was \$4.7 million in the second quarter of 2015 compared to \$2.1 million in the second quarter of 2014. The increase was due primarily to increased earnings from PLNL resulting from increased sales volume and decreased maintenance costs compared to the second quarter of 2014.

Interest Expense—Net

Net interest expense was \$28.8 million in the second quarter of 2015 compared to \$50.4 million in the second quarter of 2014. The \$21.6 million decrease was due primarily to higher amounts of capitalized interest related to our capacity expansion projects. We recorded capitalized interest of \$37.4 million and \$15.6 million in the second quarter of 2015 and 2014, respectively.

Income Taxes

Our income tax provision for the second quarter of 2015 was \$200.7 million on pre-tax income of \$601.0 million, or an effective tax rate of 33.4%, compared to an income tax provision of \$157.2 million on pre-tax income of \$480.2 million, or an effective tax rate of 32.7% in the prior year second quarter. The increase in the effective tax rate in the second quarter of 2015 is principally due to higher state income taxes for the second quarter of 2015 and the tax benefit of depletion in the second quarter of 2014 that was related to our phosphate mining and manufacturing business that was sold in March 2014.

We have not recorded a tax provision on the earnings attributable to the noncontrolling interest in TNCLP (a partnership), which is not a taxable entity. For additional information on income taxes, see Note 10—Income Taxes to our unaudited interim consolidated financial statements included in Part I of this report.

Equity in (Losses) Earnings of Non-Operating Affiliates—Net of Taxes

Equity in (losses) earnings of non-operating affiliates—net of taxes consists of our share of the financial results of unconsolidated joint venture interests in GrowHow and Keytrade. On July 1, 2015, we agreed to purchase the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. On July 31, 2015, we completed the GrowHow acquisition and GrowHow became a wholly-owned subsidiary. Beginning July 31, 2015, the operating results of GrowHow became part of our consolidated financial results.

Equity in (losses) earnings of non-operating affiliates—net of taxes declined by \$37.2 million in the second quarter of 2015 compared to the second quarter of 2014 due to the combination of losses experienced at Keytrade and from the sale of our investments in Keytrade. During the second quarter of 2015, we sold our interests in Keytrade and recorded an after-tax loss of \$29.2 million (pre-tax loss of \$40.1 million). The combination of an operating loss from Keytrade and the loss on the sale of the Keytrade investments were the primary factors that led to the \$35.5 million loss during the quarter.

Net Earnings Attributable to Noncontrolling Interest

Net earnings attributable to noncontrolling interest increased \$0.8 million in the second quarter of 2015 compared to the second quarter of 2014 due primarily to higher net earnings attributable to the 24.7% interest of the publicly-held common units of TNCLP.

Table of Contents

Diluted Net Earnings Per Share Attributable to Common Stockholders

Diluted net earnings per share attributable to common stockholders increased \$0.27, or 22%, to \$1.49 per share in the second quarter of 2015 from \$1.22 per share in the second quarter of 2014. This increase is due to higher earnings and the impact of lower diluted weighted-average shares outstanding in 2015 as compared to the prior year. Diluted weighted-average shares outstanding decreased 8% between the second quarter of 2014 and the second quarter of 2015 due to our share repurchase activity.

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Consolidated Operating Results

Our total gross margin increased by \$68.6 million, or 7%, to \$1.1 billion in the six months ended June 30, 2015 from \$1.0 billion in the same period of 2014 due to the \$78.7 million increase in gross margin in the Nitrogen Product Segments partially offset by the \$10.1 million decline in the phosphate segment. The Nitrogen Product Segments gross margin was impacted by the following factors:

Natural gas costs decreased in the six months ended June 30, 2015 and increased gross margin by \$92.3 million as compared to the second quarter of 2014. These costs include the impact of natural gas derivatives that settled in the period;

Unrealized net mark-to-market gains on natural gas derivatives increased gross margin by \$98.3 million as the six months ended June 30, 2015 included a \$47.1 million gain and the six months ended June 30, 2014 included a \$51.2 million loss;

Average selling prices, primarily UAN and granular urea, decreased by 3%, which reduced gross margin by \$69.2 million; and

Volume, primarily ammonia and UAN, decreased by 4%, which reduced gross margin by \$55.8 million.

Net earnings attributable to common stockholders of \$582.5 million for the first six months of 2015 included a \$47.1 million pre-tax unrealized net mark-to-market gain (\$29.6 million after tax) on natural gas derivatives, \$42.8 million of losses (\$30.9 million after tax) as a result of the sale of equity method investments, \$21.7 million of expenses (\$13.6 million after tax) related to our capacity expansion projects in Donaldsonville, Louisiana, and Port Neal, Iowa that did not qualify for capitalization, and \$18.7 million of realized and unrealized net losses (\$11.8 million after tax) on foreign currency derivatives related to our capacity expansion projects. Net earnings attributable to common stockholders of \$1.0 billion for the first six months of 2014 included a \$747.1 million pre-tax gain on the sale of the phosphate business (\$461.0 million after tax), \$51.2 million of pre-tax unrealized net mark-to-market losses (\$32.5 million after tax) and \$15.1 million of expenses (\$9.6 million after tax) related to our capacity expansion projects that did not qualify for capitalization.

Net Sales

Net sales decreased \$340.2 million, or 13%, to \$2.3 billion in the first six months of 2015 compared to \$2.6 billion in the first six months of 2014 with a \$171.8 million decrease attributable to the Nitrogen Product Segments and a \$168.4 million decrease due to the sale of the phosphate business in March 2014. Nitrogen Product Segments net sales decreased due to a 4% decrease in volume and a 3% decline in average selling prices. The decrease in Nitrogen Product Segments volume was due primarily to lower UAN and ammonia volume. Our UAN volume was lower primarily due to lower demand partly attributed to wet weather conditions and partly attributed to increased imports in the first six months of 2015. Our ammonia volume was lower in the first half of 2015 due to lower late-season sales compared to last year.

Nitrogen Product Segments average selling prices were \$347 per ton in the first six months of 2015 compared to \$358 per ton in the comparable prior period as lower granular urea and UAN prices were partially offset by higher ammonia selling prices in the first six months of 2015. Granular urea and UAN prices were lower due to increased imports into the U.S. markets for both products during the first six months of 2015. Ammonia prices in the first six months of 2015 were higher primarily due to the stronger pricing environment in 2015 that started with tighter supply after the strong 2014 season.

Cost of Sales

Cost of sales decreased \$408.8 million, or 26%, from the first six months of 2014 to the first six months of 2015 due primarily to lower natural gas costs. The cost of sales per ton in our Nitrogen Product Segments averaged \$178 in the

first six months of 2015, a 14% decrease from the \$208 per ton in the same period of 2014. The realized natural gas costs, including the impact of lower purchased natural gas costs and realized derivative losses during the first six months of 2015, decreased 28%

Table of Contents

compared to the first six months of 2014. The first six months of 2015 included \$47.1 million of unrealized net mark-to-market gains on natural gas derivatives compared to losses of \$51.2 million in the first six months of 2014.

Selling, General and Administrative Expenses

Selling, general and administrative expenses decreased \$3.2 million to \$78.0 million in the first six months of 2015 from \$81.2 million in the comparable period of 2014 due primarily to lower professional services for certain corporate projects.

Other Operating—Net

Other operating—net was \$40.6 million of expense in the first six months of 2015 compared to \$15.8 million of expense in the comparable period of 2014. The increased expense was due primarily to losses on the disposal of fixed assets and higher expansion project costs pertaining to our Donaldsonville, Louisiana and Port Neal, Iowa capacity expansion projects.

Equity in Earnings of Operating Affiliates

Equity in earnings of operating affiliates consists primarily of our 50% share of the operating results of PLNL. Equity in earnings of operating affiliates was \$14.4 million in the first six months of 2015 compared to \$17.9 million in the first six months of 2014. The decrease was due primarily to lower operating results from PLNL.

Interest Expense—Net

Net interest expense was \$62.3 million in the first six months of 2015 compared to \$90.2 million in the first six months of 2014. The \$27.9 million decrease was due primarily to higher amounts of capitalized interest related to our capacity expansion projects, partially offset by higher interest expense pertaining to the \$1.5 billion of senior notes that were issued in March 2014. We recorded capitalized interest of \$68.9 million and \$28.5 million in the first six months of 2015 and 2014, respectively.

Income Taxes

Our income tax provision for the first six months of 2015 was \$313.4 million on pre-tax income of \$934.7 million, or an effective tax rate of 33.5%, compared to an income tax provision of \$570.4 million on pre-tax income of \$1,610.3 million, or an effective tax rate of 35.4% in the prior year period. The decrease in the effective tax rate is due primarily to the impact of the sale of the phosphate business in March 2014, partially offset by higher state income taxes and the reduced tax benefit from depletion in the first six months of 2015. The income tax provision in the first six months of 2014 included \$286.1 million of income tax expense relating to the phosphate business sale, which increased the effective tax rate by 2.5%.

We have not recorded a tax provision on the earnings attributable to the noncontrolling interest in TNCLP (a partnership), which is not a taxable entity. For additional information on income taxes, see Note 10—Income Taxes to our unaudited interim consolidated financial statements included in Part I of this report.

Equity in (Losses) Earnings of Non-Operating Affiliates—Net of Taxes

Equity in (losses) earnings of non-operating affiliates—net of taxes decreased by \$25.8 million in the first six months of 2015 compared to the first six months of 2014 due primarily to the operating loss experienced by Keytrade and the loss on the sale of our interests in Keytrade.

Net Earnings Attributable to Noncontrolling Interest

Net earnings attributable to noncontrolling interest decreased \$5.8 million in the first six months of 2015 compared to 2014 due primarily to lower net earnings attributable to the 24.7% interest of the publicly-held common units of TNCLP.

Diluted Net Earnings Per Share Attributable to Common Stockholders

Diluted net earnings per share attributable to common stockholders decreased \$1.41, or 37%, to \$2.44 per share in the first six months of 2015 from \$3.85 per share in the first six months of 2014. This decrease is due primarily to the \$1.74 per share gain from the sale of the phosphate business in the first six months of 2014 partially offset by the impact of lower diluted weighted-average shares outstanding in 2015 as compared to the prior year. Diluted weighted-average shares outstanding decreased 10% between the first six months of 2015 and the first six months of 2014 due to our share repurchase activity.

Table of Contents

Operating Results by Business Segment

Our reporting segments consist of ammonia, granular urea, UAN, other, and phosphate. These segments are differentiated by products, which are used differently by agricultural customers based on crop application, weather and other agronomic factors or by industrial customers. The ammonia, granular urea, UAN and other segments are referred to in this discussion and analysis as the "Nitrogen Product Segments."

The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The segment will continue to be included until the reporting of comparable period phosphate results ceases. We use gross margin to evaluate segment performance and allocate resources. Total other operating costs and expenses (consisting of selling, general and administrative expenses and other operating—net) and non-operating expenses (interest and income taxes), are centrally managed and are not included in the measurement of segment profitability reviewed by management.

The following table presents our operating results by business segment:

| | Ammonia | Granular Urea ⁽¹⁾ | UAN ⁽¹⁾ | Other ⁽¹⁾ | Phosphate | Consolidated |
|----------------------------------|-----------------------------------|------------------------------|--------------------|----------------------|-----------|--------------|
| | (in millions, except percentages) | | | | | |
| Three months ended June 30, 2015 | | | | | | |
| Net sales | \$599.0 | \$211.0 | \$407.4 | \$94.1 | \$— | \$1,311.5 |
| Cost of sales | 260.0 | 92.4 | 204.8 | 68.4 | — | 625.6 |
| Gross margin | \$339.0 | \$118.6 | \$202.6 | \$25.7 | \$— | \$685.9 |
| Gross margin percentage | 56.6 | % 56.2 | % 49.7 | % 27.3 | % — | % 52.3 |
| Three months ended June 30, 2014 | | | | | | |
| Net sales | \$604.8 | \$267.6 | \$456.5 | \$120.5 | \$23.3 | \$1,472.7 |
| Cost of sales | 376.4 | 142.9 | 255.2 | 86.2 | 21.7 | 882.4 |
| Gross margin | \$228.4 | \$124.7 | \$201.3 | \$34.3 | \$1.6 | \$590.3 |
| Gross margin percentage | 37.8 | % 46.6 | % 44.1 | % 28.5 | % 6.9 | % 40.1 |
| Six months ended June 30, 2015 | | | | | | |
| Net sales | \$886.7 | \$423.2 | \$763.1 | \$192.1 | \$— | \$2,265.1 |
| Cost of sales | 427.8 | 192.5 | 401.8 | 141.3 | — | 1,163.4 |
| Gross margin | \$458.9 | \$230.7 | \$361.3 | \$50.8 | \$— | \$1,101.7 |
| Gross margin percentage | 51.8 | % 54.5 | % 47.3 | % 26.4 | % — | % 48.6 |
| Six months ended June 30, 2014 | | | | | | |
| Net sales | \$877.2 | \$483.8 | \$856.4 | \$219.5 | \$168.4 | \$2,605.3 |
| Cost of sales | 524.5 | 257.4 | 473.0 | 159.0 | 158.3 | 1,572.2 |
| Gross margin | \$352.7 | \$226.4 | \$383.4 | \$60.5 | \$10.1 | \$1,033.1 |
| Gross margin percentage | 40.2 | % 46.8 | % 44.8 | % 27.6 | % 6.0 | % 39.7 |

⁽¹⁾ The cost of products that are upgraded into other products is transferred at cost into the upgraded product results.

Table of Contents

Ammonia Segment

Our ammonia segment produces anhydrous ammonia (ammonia), which is our most concentrated nitrogen fertilizer as it contains 82% nitrogen. The results of our ammonia segment consist of sales of ammonia to external customers. In addition, ammonia is the "basic" nitrogen product that we upgrade into other nitrogen products such as granular urea and UAN. We produce ammonia at all seven of our nitrogen manufacturing complexes in North America.

The following table presents summary operating data for our ammonia segment:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|---|--------------------------------|---------|--------------|-------|--------------------------------|---------|--------------|-------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$599.0 | \$604.8 | \$(5.8) | (1)% | \$886.7 | \$877.2 | \$9.5 | 1% |
| Cost of sales | 260.0 | 376.4 | (116.4) | (31)% | 427.8 | 524.5 | (96.7) | (18)% |
| Gross margin | \$339.0 | \$228.4 | \$110.6 | 48% | \$458.9 | \$352.7 | \$106.2 | 30% |
| Gross margin percentage ⁽¹⁾ | 56.6% | 37.8% | 18.8% | | 51.8% | 40.2% | 11.6% | |
| Sales volume by product tons (000s) | 1,060 | 1,112 | (52) | (5)% | 1,591 | 1,689 | (98) | (6)% |
| Sales volume by nutrient tons (000s) ⁽²⁾ | 870 | 912 | (42) | (5)% | 1,305 | 1,385 | (80) | (6)% |
| Average selling price per product ton | \$565 | \$544 | \$21 | 4% | \$557 | \$519 | \$38 | 7% |
| Average selling price per nutrient ton ⁽²⁾ | \$689 | \$663 | \$26 | 4% | \$679 | \$633 | \$46 | 7% |
| Gross margin per product ton | \$320 | \$205 | \$115 | 56% | \$288 | \$209 | \$79 | 38% |
| Gross margin per nutrient ton ⁽²⁾ | \$390 | \$250 | \$140 | 56% | \$352 | \$255 | \$97 | 38% |
| Depreciation and amortization | \$21.0 | \$17.6 | \$3.4 | 19% | \$43.5 | \$36.8 | \$6.7 | 18% |

⁽¹⁾ Includes the impact of tons purchased from PLNL at market-based prices and sold to Mosaic.

⁽²⁾ Ammonia represents 82% nitrogen content. Nutrient tons represent the equivalent tons of nitrogen within the product tons.

Second Quarter of 2015 Compared to Second Quarter of 2014

Net Sales. Net sales in the ammonia segment decreased by \$5.8 million, or 1%, in the second quarter of 2015 from the second quarter of 2014 due primarily to a 5% decrease in volume partially offset by a 4% increase in average selling prices. Our sales volume was lower in the second quarter of 2015 due to lower sales in the eastern cornbelt resulting from wet weather conditions compared to the second quarter of 2014 when we sold into a robust market with late season demand. Although our volume was lower than in the second quarter of 2014, we did benefit from favorable weather conditions conducive to ammonia application in the Midwest and Canada during the second quarter of 2015.

Average selling prices increased to \$565 per ton in the second quarter of 2015 from \$544 per ton in the second quarter of 2014 due to stronger demand for ammonia as customers showed a preference for applying pre-plant ammonia compared to other forms of nitrogen. Also, ammonia selling prices in the second quarter of 2014 were unfavorably impacted by lower prices entering 2014 due to higher levels of producer inventory.

Cost of Sales. Cost of sales per ton in our ammonia segment averaged \$245 in the second quarter of 2015, a 28% decrease from the \$339 per ton in the same quarter of 2014. The decrease was due primarily to lower realized natural gas costs and unrealized net mark-to-market gains on natural gas derivatives in the second quarter of 2015 compared to losses in the second quarter of 2014.

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Net Sales. Net sales in the ammonia segment increased by \$9.5 million, or 1%, in the six months ended June 30, 2015 from the six months ended June 30, 2014 due primarily to a 7% increase in average selling prices partially offset by a 6% decrease in volume. Average selling prices increased to \$557 per ton in the first six months of 2015 from \$519 per ton in the first six months of 2014 due to tighter supply entering 2015 after the strong 2014 spring season. Our volume was lower in the first six months of 2015 due to lower late-season sales compared to 2014 when robust late season demand contributed to our record first half sales volume in 2014. Demand was also lower in 2015 partly due to lower corn prices as customers were hesitant to take positions in expectation of lower ammonia selling prices. The volume decrease was partially offset by increased ammonia sales to Mosaic under our contract to supply them ammonia from our PLNL joint venture that started late in the first quarter of 2014.

Table of Contents

Cost of Sales. Cost of sales per ton in our ammonia segment averaged \$269 in the first six months of 2015, a 13% decrease from the \$310 per ton in the comparable period of 2014. The decrease was due primarily to lower realized natural gas costs during the first six months of 2015 and the benefit of unrealized net mark-to-market gains on natural gas derivatives in the first six months of 2015 compared to losses in the comparable period of 2014.

Granular Urea Segment

Our granular urea segment produces granular urea which contains 46% nitrogen. Produced from ammonia and carbon dioxide, it has the highest nitrogen content of any of our solid nitrogen fertilizers. Granular urea is produced at our Courtright, Ontario; Donaldsonville, Louisiana; and Medicine Hat, Alberta nitrogen complexes.

The following table presents summary operating data for our granular urea segment:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|---|--------------------------------|---------|--------------|--------|--------------------------------|---------|--------------|--------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$211.0 | \$267.6 | \$(56.6) | (21)% | \$423.2 | \$483.8 | \$(60.6) | (13)% |
| Cost of sales | 92.4 | 142.9 | (50.5) | (35)% | 192.5 | 257.4 | (64.9) | (25)% |
| Gross margin | \$118.6 | \$124.7 | \$(6.1) | (5)% | \$230.7 | \$226.4 | \$4.3 | 2 % |
| Gross margin percentage | 56.2 % | 46.6 % | 9.6 % | | 54.5 % | 46.8 % | 7.7 % | |
| Sales volume by product tons (000s) | 600 | 677 | (77) | (11)% | 1,216 | 1,255 | (39) | (3)% |
| Sales volume by nutrient tons (000s) ⁽¹⁾ | 276 | 311 | (35) | (11)% | 559 | 577 | (18) | (3)% |
| Average selling price per product ton | \$352 | \$395 | \$(43) | (11)% | \$348 | \$385 | \$(37) | (10)% |
| Average selling price per nutrient ton ⁽¹⁾ | \$764 | \$860 | \$(96) | (11)% | \$757 | \$838 | \$(81) | (10)% |
| Gross margin per product ton | \$198 | \$184 | \$14 | 8 % | \$190 | \$180 | \$10 | 6 % |
| Gross margin per nutrient ton ⁽¹⁾ | \$430 | \$401 | \$29 | 7 % | \$413 | \$392 | \$21 | 5 % |
| Depreciation and amortization | \$10.1 | \$10.0 | \$0.1 | 1 % | \$20.3 | \$17.9 | \$2.4 | 13 % |

⁽¹⁾ Granular urea represents 46% nitrogen content. Nutrient tons represent the equivalent tons of nitrogen within the product tons.

Second Quarter of 2015 Compared to Second Quarter of 2014

Net Sales. Net sales in the granular urea segment decreased \$56.6 million, or 21%, in the second quarter of 2015 from the second quarter of 2014 due primarily to an 11% decrease in average selling prices and an 11% decrease in volume. Average selling prices decreased to \$352 per ton in the second quarter of 2015 compared to \$395 per ton in the second quarter of 2014 primarily due to increased global supply as a result of significant Chinese exports and the continued influx of imports into the U.S. marketplace. Sales volume was lower partly due to reduced supply availability due to maintenance activities.

Cost of Sales. Cost of sales per ton in our granular urea segment averaged \$154 in the second quarter of 2015, a 27% decrease from \$211 per ton in the same quarter of 2014. The decrease was due primarily to lower realized natural gas costs and the impact of unrealized net mark-to-market gains on natural gas derivatives in the second quarter of 2015 compared to losses in the second quarter of 2014.

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Net Sales. Net sales in the granular urea segment decreased \$60.6 million, or 13%, in the six months ended June 30, 2015 from the six months ended June 30, 2014 due primarily to a 10% decrease in average selling prices and a 3% decrease in volume. Average selling prices decreased to \$348 per ton in the first six months of 2015 compared to \$385 per ton in the comparable period of 2014. Average selling prices were lower due to increased global supply as a result of significant Chinese exports and the continued influx of imports into the U.S. marketplace. Sales volume was lower

due to reduced supply availability due to maintenance activities.

Cost of Sales. Cost of sales per ton in our granular urea segment averaged \$158 in the first six months of 2015, a 23% decrease from the \$205 per ton in the comparable period of 2014. The decrease was due primarily to lower realized natural gas costs and the impact of unrealized net mark-to-market gains on natural gas derivatives in the first six months of 2015 compared to losses in the comparable period of 2014.

Table of Contents

UAN Segment

Our UAN segment produces urea ammonium nitrate solution (UAN). UAN, a liquid fertilizer product with a nitrogen content that typically ranges from 28% to 32%, is produced by combining urea and ammonium nitrate. UAN is produced at our nitrogen complexes in Courtright, Ontario; Donaldsonville, Louisiana; Port Neal, Iowa; Verdigris, Oklahoma; Woodward, Oklahoma; and Yazoo City, Mississippi.

The following table presents summary operating data for our UAN segment:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|---|--------------------------------|---------|--------------|--------|--------------------------------|---------|--------------|--------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$407.4 | \$456.5 | \$(49.1) | (11)% | \$763.1 | \$856.4 | \$(93.3) | (11)% |
| Cost of sales | 204.8 | 255.2 | (50.4) | (20)% | 401.8 | 473.0 | (71.2) | (15)% |
| Gross margin | \$202.6 | \$201.3 | \$1.3 | 1 % | \$361.3 | \$383.4 | \$(22.1) | (6)% |
| Gross margin percentage | 49.7 % | 44.1 % | 5.6 % | | 47.3 % | 44.8 % | 2.5 % | |
| Sales volume by product tons (000s) | 1,504 | 1,526 | (22) | (1)% | 2,821 | 2,977 | (156) | (5)% |
| Sales volume by nutrient tons (000s) ⁽¹⁾ | 475 | 482 | (7) | (1)% | 889 | 938 | (49) | (5)% |
| Average selling price per product ton | \$271 | \$299 | \$(28) | (9)% | \$271 | \$288 | \$(17) | (6)% |
| Average selling price per nutrient ton ⁽¹⁾ | \$858 | \$947 | \$(89) | (9)% | \$858 | \$913 | \$(55) | (6)% |
| Gross margin per product ton | \$135 | \$132 | \$3 | 2 % | \$128 | \$129 | \$(1) | (1)% |
| Gross margin per nutrient ton ⁽¹⁾ | \$427 | \$418 | \$9 | 2 % | \$406 | \$409 | \$(3) | (1)% |
| Depreciation and amortization | \$46.2 | \$44.8 | \$1.4 | 3 % | \$96.8 | \$96.6 | \$0.2 | — % |

(1) UAN represents between 28% and 32% of nitrogen content, depending on the concentration specified by the customer. Nutrient tons represent the equivalent tons of nitrogen within the product tons.

Second Quarter of 2015 Compared to Second Quarter of 2014

Net Sales. Net sales in the UAN segment decreased \$49.1 million, or 11%, in the second quarter of 2015 from the second quarter of 2014 due primarily to a 9% decrease in average selling prices and a 1% decrease in volume.

Average selling prices decreased to \$271 per ton in the second quarter of 2015 compared to \$299 per ton in the second quarter of 2014. UAN selling prices were lower due to the combination of higher UAN imports into the U.S. and moderate UAN demand partly attributed to wet weather conditions across the continental U.S in the second quarter of 2015.

Cost of Sales. Cost of sales per ton in our UAN segment averaged \$136 in the second quarter of 2015, a 19% decrease from the \$167 per ton in the second quarter of 2014. The decrease was due primarily to lower realized natural gas costs and the impact of unrealized net mark-to-market gains on natural gas derivatives in the second quarter of 2015 compared to losses in the second quarter of 2014.

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Net Sales. Net sales in the UAN segment decreased \$93.3 million, or 11%, in the six months ended June 30, 2015 from the six months ended June 30, 2014 due primarily to a 6% decrease in average selling prices and a 5% decrease in volume. Average selling prices decreased slightly to \$271 per ton in the first six months of 2015 compared to \$288 per ton in the comparable period of 2014. The decline in UAN prices and volume was due primarily to the combination of lower demand coupled with a higher level of imports and domestic supply. The lower demand was partly attributed to wet weather conditions in the six months ended June 30, 2015.

Cost of Sales. Cost of sales per ton in our UAN segment averaged \$143 in the first six months of 2015, a 10% decrease from the \$159 per ton in the comparable period of 2014. The decrease was due primarily to lower realized natural gas costs and the impact of unrealized net mark-to-market gains on natural gas derivatives in the first six months of 2015 compared to losses in the comparable period of 2014.

Table of Contents

Other Segment

Our other segment primarily includes the following products:

Ammonium nitrate (AN) is a granular, nitrogen-based product with a nitrogen content of primarily 34%. AN is used by industrial customers for commercial explosives and blasting systems, and can also be used as nitrogen fertilizer. AN is produced at our Yazoo City, Mississippi complex.

Diesel exhaust fluid (DEF) is an aqueous urea solution typically made with 32.5% high-purity urea and 67.5% deionized water. DEF is used as a consumable in selective catalytic reduction in order to lower nitrogen oxide (NOx) concentration in the diesel exhaust emissions from diesel engines. This product is produced at our Courtright, Ontario; Port Neal, Iowa; Woodward, Oklahoma; and Yazoo City, Mississippi, complexes.

Urea liquor is a liquid product that we sell in concentrations of 40%, 50% and 70% urea as a chemical intermediate. This product is produced at our Courtright, Ontario; Port Neal, Iowa; Woodward, Oklahoma; and Yazoo City, Mississippi complexes.

The following table presents summary operating data for our other segment:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|---|--------------------------------|---------|--------------|--------|--------------------------------|---------|--------------|--------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$94.1 | \$120.5 | \$(26.4) | (22)% | \$192.1 | \$219.5 | \$(27.4) | (12)% |
| Cost of sales | 68.4 | 86.2 | (17.8) | (21)% | 141.3 | 159.0 | (17.7) | (11)% |
| Gross margin | \$25.7 | \$34.3 | \$(8.6) | (25)% | \$50.8 | \$60.5 | \$(9.7) | (16)% |
| Gross margin percentage | 27.3 % | 28.5 % | (1.2)% | | 26.4 % | 27.6 % | (1.2)% | |
| Sales volume by product tons (000s) | 447 | 475 | (28) | (6)% | 895 | 887 | 8 | 1 % |
| Sales volume by nutrient tons (000s) ⁽¹⁾ | 121 | 132 | (11) | (8)% | 241 | 245 | (4) | (2)% |
| Average selling price per product ton | \$211 | \$254 | \$(43) | (17)% | \$215 | \$247 | \$(32) | (13)% |
| Average selling price per nutrient ton ⁽¹⁾ | \$778 | \$913 | \$(135) | (15)% | \$797 | \$896 | \$(99) | (11)% |
| Gross margin per product ton | \$57 | \$72 | \$(15) | (21)% | \$57 | \$68 | \$(11) | (16)% |
| Gross margin per nutrient ton ⁽¹⁾ | \$212 | \$260 | \$(48) | (18)% | \$211 | \$247 | \$(36) | (15)% |
| Depreciation and amortization | \$17.1 | \$15.6 | \$1.5 | 10 % | \$39.6 | \$31.3 | \$8.3 | 27 % |

⁽¹⁾ Nutrient tons represent the equivalent tons of nitrogen within the product tons.

Second Quarter of 2015 Compared to Second Quarter of 2014

Net Sales. Net sales in our other segment decreased \$26.4 million, or 22%, in the second quarter of 2015 from the second quarter of 2014 due primarily to a 17% decrease in average selling prices and a 6% decrease in volume.

Average selling prices and volume were lower primarily due to reduced AN demand from agricultural customers. Our AN sales volume decrease was partially offset by increased DEF sales into the growing North American DEF market as DEF volumes across North America are increasing in response to stricter diesel engine emission requirements.

Cost of Sales. Cost of sales per ton in our other segment averaged \$154 in the second quarter of 2015, a 15% decrease from the \$182 per ton in the second quarter of 2014, primarily due to the impact of unrealized net mark-to-market gains on natural gas derivatives in the second quarter of 2015 compared to losses in the second quarter of 2014.

Six Months Ended June 30, 2015 Compared to Six Months Ended June 30, 2014

Net Sales. Net sales in our other segment decreased \$27.4 million, or 12%, in the six months ended June 30, 2015 from the six months ended June 30, 2014 due primarily to a 13% decrease in average selling prices due to reduced demand for AN. Our sales volume increased 1% as our DEF sales volume increased along with the growing North American DEF market while AN sales volume and selling prices decreased in response to lower demand for AN.

Cost of Sales. Cost of sales per ton in our other segment averaged \$158 in the first six months of 2015, a 12% decrease from the \$179 per ton in the comparable period of 2014, primarily due to the impact of unrealized net mark-to-market gains on natural gas derivatives in the first six months of 2015 compared to losses in the comparable period of 2014.

Table of Contents

Phosphate Segment

On March 17, 2014, we sold our phosphate mining and manufacturing business to Mosaic pursuant to an Asset Purchase Agreement dated as of October 28, 2013. The phosphate segment reflects the reported results of the phosphate business through March 17, 2014, plus the continuing sales of the phosphate inventory in the distribution network after March 17, 2014. The remaining phosphate inventory was sold in the second quarter of 2014; therefore, the phosphate segment does not have operating results subsequent to that quarter. The segment will continue to be included until the reporting of comparable period phosphate results ceases. The assets and liabilities sold were classified as held for sale as of December 31, 2013; therefore, no depreciation was recorded in 2014 for the related property, plant and equipment.

The following table presents summary operating data for our phosphate segment:

| | Three Months Ended June 30, | | | | Six Months Ended June 30, | | | |
|--|--------------------------------|--------|--------------|---------|--------------------------------|---------|--------------|---------|
| | 2015 | 2014 | 2015 v. 2014 | | 2015 | 2014 | 2015 v. 2014 | |
| | (in millions, except as noted) | | | | (in millions, except as noted) | | | |
| Net sales | \$— | \$23.3 | \$(23.3) | (100)% | \$— | \$168.4 | \$(168.4) | (100)% |
| Cost of sales | — | 21.7 | (21.7) | (100)% | — | 158.3 | (158.3) | (100)% |
| Gross margin | \$— | \$1.6 | \$(1.6) | (100)% | \$— | \$10.1 | \$(10.1) | (100)% |
| Gross margin percentage | — | % 6.9 | % (6.9)% | | — | % 6.0 | % (6.0)% | |
| Sales volume by product tons (000s) ⁽¹⁾ | — | 59 | (59) | (100)% | — | 487 | (487) | (100)% |
| Average selling price per product ton | \$— | \$395 | \$(395) | (100)% | \$— | \$346 | \$(346) | (100)% |
| Gross margin per product ton | \$— | \$27 | \$(27) | (100)% | \$— | \$21 | \$(21) | (100)% |

⁽¹⁾ Represents DAP and MAP product sales.

Table of Contents

Liquidity and Capital Resources

Our primary uses of cash are generally for operating costs, working capital, capital expenditures, debt service, investments, taxes, share repurchases and dividends. Our working capital requirements are affected by several factors, including demand for our products, selling prices, raw material costs, freight costs and seasonal factors inherent in the business. Generally, our primary source of cash is cash from operations, which includes cash generated by customer advances. We may also from time to time access the capital markets or engage in borrowings under our credit agreement.

Cash and Cash Equivalents

We had cash and cash equivalents of \$0.8 billion and \$2.0 billion as of June 30, 2015 and December 31, 2014, respectively.

Share Repurchase Program

In the third quarter of 2012, our Board of Directors authorized a program to repurchase up to \$3.0 billion of the common stock of CF Holdings through December 31, 2016 (the 2012 Program). The repurchases under this program were completed in the second quarter of 2014. On August 6, 2014, our Board of Directors authorized a program to repurchase up to \$1.0 billion of the common stock of CF Holdings through December 31, 2016 (the 2014 Program). The following table summarizes the share repurchases under the 2014 Program and the 2012 Program. The number of shares and per share amounts have been retroactively restated for all prior periods presented to reflect the five-for-one split of the Company's common stock effected in the form of a stock dividend that was distributed on June 17, 2015.

| | 2014 Program | | | 2012 Program | | Average Price Per Share |
|--|---|---------|-------------------------------|--------------|-----------|-------------------------------|
| | Shares | Amounts | Average Price Per Share | Shares | Amounts | |
| | (in millions, except per share amounts) | | | | | |
| Shares repurchased as of December 31, 2013 | — | \$— | \$— | 36.7 | \$1,449.3 | \$39 |
| Shares repurchased in 2014: | | | | | | |
| First quarter | — | \$— | \$— | 16.0 | \$793.9 | \$50 |
| Second quarter | — | — | — | 15.4 | 756.8 | 49 |
| Third quarter | — | — | — | — | — | — |
| Fourth quarter | 7.0 | 372.8 | 53 | — | — | — |
| Total shares repurchased in 2014 | 7.0 | 372.8 | 53 | 31.4 | 1,550.7 | 49 |
| Shares repurchased as of December 31, 2014 | 7.0 | \$372.8 | \$53 | 68.1 | \$3,000.0 | \$44 |
| Shares repurchased in 2015: | | | | | | |
| First quarter | 4.1 | \$236.6 | \$58 | | | |
| Second quarter | 4.5 | 268.1 | 60 | | | |
| Total shares repurchased in 2015 | 8.6 | 504.7 | 59 | | | |
| Shares repurchased as of June 30, 2015 | 15.6 | \$877.5 | \$56 | | | |

As of June 30, 2015 and December 31, 2014, the amount of shares repurchased that was accrued but unpaid was \$10.8 million and \$29.1 million, respectively.

During the six months ended June 30, 2015 and 2014, we retired 10.7 million shares and 23.5 million shares of repurchased stock, respectively. As of June 30, 2015 and December 31, 2014, we held in treasury approximately 2.0 million and 4.2 million shares of repurchased stock, respectively.

Consistent with our previous stock repurchase programs, repurchases may be made from time to time in the open market, through privately-negotiated transactions, through block transactions or otherwise. The manner, timing and amount of repurchases will be determined by our management based on the evaluation of market conditions, stock price and other factors.

Table of Contents

Capacity Expansion Projects and Restricted Cash

We are currently constructing new ammonia, urea and UAN plants at our Donaldsonville, Louisiana complex and new ammonia and urea plants at our Port Neal, Iowa complex. In combination, these new facilities will be able to produce 2.1 million tons of gross ammonia per year, upgraded products ranging from 2.0 million to 2.7 million tons of granular urea per year and up to 1.8 million tons of UAN 32% solution per year, depending on our choice of product mix.

These new plants will increase our product mix flexibility at Donaldsonville, improve our ability to serve upper-Midwest urea customers from our Port Neal location, and allow us to benefit from the cost advantages of North American natural gas. The projects continue to progress, with anticipated start up dates late in the third quarter or early in the fourth quarter of 2015 for granular urea, later in the fourth quarter 2015 for UAN and early 2016 for ammonia at Donaldsonville, Louisiana. Port Neal is scheduled to start up mid-2016 for ammonia and in the third quarter of 2016 for granular urea.

The estimated aggregate capital expenditures for both projects is approximately \$4.2 billion, plus or minus a few percentage points. We have financed expenditures for the capacity expansion projects through available cash and cash equivalents, cash generated from operations and borrowings. Total cash spent through the second quarter of 2015 on capitalized expenditures for the expansion projects was \$2.6 billion, including \$453.7 million during the second quarter of 2015. In addition, \$406.5 million was invested in the expansion projects and not paid as of June 30, 2015 and recognized as liabilities in the consolidated balance sheet.

We have retained engineering and procurement services from an affiliate of ThyssenKrupp Industrial Solutions (ThyssenKrupp) for both capacity expansion projects. Under the terms of the engineering and procurement services contract, we have granted ThyssenKrupp a security interest in a restricted cash account and maintain a cash balance in that account equal to the cancellation fees for procurement services and equipment that would arise if we were to cancel the projects. The amount in the account will change over time based on procurement costs. As of June 30, 2015, there was \$54.0 million held in this account. This restricted cash is excluded from our cash and cash equivalents and reported separately on our consolidated balance sheet and statement of cash flows.

Capital Spending

We make capital expenditures to sustain our asset base, to increase our capacity, to improve plant efficiency and to comply with various environmental, health and safety requirements. Capital expenditures totaled \$1,031.9 million in the first six months of 2015 compared to \$685.0 million in the first six months of 2014. The increase in capital expenditures is primarily the result of the \$284.2 million increase in cash spent on the two capacity expansion projects and increased capital expenditures on sustaining projects in the first six months of 2015 compared to the previous year period.

Projected Capital Spending

We expect capital expenditures in 2015 to be approximately \$2.0 billion to \$2.5 billion, including \$1.5 billion to \$2.0 billion for the capacity expansion projects and \$0.5 billion of sustaining and other capital expenditures. Planned capital expenditures are subject to change due to delays in regulatory approvals or permitting, unanticipated increases in cost, changes in scope and completion time, performance of third parties, adverse weather, defects in materials and workmanship, labor or material shortages, transportation constraints, acceleration or delays in the timing of the work and other unforeseen difficulties.

GrowHow Acquisition

On July 1, 2015, we announced our agreement to acquire the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. On July 31, 2015, we completed the GrowHow acquisition and GrowHow became a wholly-owned subsidiary. The purchase price was funded with cash on hand. Beginning July 31, 2015, the operating results of GrowHow became part of our consolidated financial results.

Table of Contents

Debt

Credit Agreement

In the first quarter of 2015, we expanded our revolving credit facility size from \$1.0 billion to \$1.5 billion of borrowings by CF Industries, for general corporate purposes, and extended the maturity from May 2018 to March 2020. All obligations under the credit agreement are unsecured. Currently, CF Holdings is the only guarantor of CF Industries' obligations under the credit agreement. Certain of CF Industries' material domestic subsidiaries would be required to become guarantors under the credit agreement if such subsidiary were to guarantee our other debt or CF Industries' debt in excess of \$450.0 million. As of June 30, 2015, \$1,495.1 million was available for borrowing under the credit agreement, net of \$4.9 million of outstanding letters of credit, and there were no outstanding borrowings. The credit agreement includes representations, warranties, covenants and events of default, including requirements that we maintain a minimum interest coverage ratio and not exceed a maximum total leverage ratio, as well as other customary covenants and events of default. As of June 30, 2015, we were in compliance with all covenants under the credit agreement.

Senior Notes

At both June 30, 2015 and December 31, 2014, we had \$4.6 billion of senior notes outstanding with maturities ranging from 2018 through 2044 as follows:

| | Maturity Date | June 30, 2015 (in millions) | December 31, 2014 |
|---------------------|----------------|-----------------------------------|----------------------|
| 6.875% senior notes | May 1, 2018 | \$800.0 | \$800.0 |
| 7.125% senior notes | May 1, 2020 | 800.0 | 800.0 |
| 3.450% senior notes | June 1, 2023 | 749.4 | 749.4 |
| 5.150% senior notes | March 15, 2034 | 746.2 | 746.2 |
| 4.950% senior notes | June 1, 2043 | 748.8 | 748.8 |
| 5.375% senior notes | March 15, 2044 | 748.2 | 748.1 |
| | | \$4,592.6 | \$4,592.5 |

Under the indentures (including the applicable supplemental indentures) governing the senior notes identified in the table above, each series of senior notes is guaranteed by CF Holdings. Interest is paid semiannually and the senior notes are redeemable at our option, in whole at any time or in part from time to time, at specified make-whole redemption prices. The indentures governing the senior notes contain customary events of default and covenants that limit, among other things, the ability of CF Holdings and its subsidiaries, including CF Industries, to incur liens on certain properties to secure debt. As of June 30, 2015, we were in compliance with all covenants under the senior notes indentures.

If a Change of Control occurs together with a Ratings Downgrade (as both terms are defined under the indentures governing the senior notes), CF Industries would be required to offer to repurchase each series of senior notes at a price equal to 101% of the principal amount thereof, plus accrued and unpaid interest. In addition, in the event that a subsidiary of ours, other than CF Industries, becomes a borrower or a guarantor under the credit agreement (or any renewal, replacement or refinancing thereof), such subsidiary would be required to become a guarantor of the senior notes, provided that such requirement will no longer apply with respect to the senior notes due in 2023, 2034, 2043 and 2044 following the repayment of the senior notes due in 2018 and 2020 or the subsidiaries of ours, other than CF Industries, otherwise becoming no longer subject to such a requirement to guarantee the senior notes due in 2018 and 2020.

Forward Sales and Customer Advances

We offer our customers the opportunity to purchase product on a forward basis at prices and on delivery dates we propose. Therefore, our reported fertilizer selling prices and margins may differ from market spot prices and margins available at the time of shipment.

Customer advances, which typically represent a portion of the contract's sales value, are received shortly after the contract is executed, with any remaining unpaid amount generally being collected by the time the product is shipped, thereby reducing or eliminating the accounts receivable related to such sales. Any cash payments received in advance

from customers in connection with forward sales contracts are reflected on our consolidated balance sheets as a current liability until related orders are shipped and revenue is recognized. As of June 30, 2015 and December 31, 2014, we had \$17.3 million and \$325.4 million, respectively, in customer advances on our consolidated balance sheets.

Table of Contents

While customer advances are generally a significant source of liquidity, the level of forward sales contracts is affected by many factors including current market conditions and our customers' outlook on future market fundamentals. If the level of sales under our forward sales programs were to decrease in the future, our cash received from customer advances would likely decrease and our accounts receivable balances would likely increase. Additionally, borrowing under our credit agreement could become necessary. Due to the volatility inherent in our business and changing customer expectations, we cannot estimate the amount of future forward sales activity.

Under our forward sales programs, a customer may delay delivery of an order due to weather conditions or other factors. These delays generally subject the customer to potential charges for storage or may be grounds for termination of the contract by us. Such a delay in scheduled shipment or termination of a forward sales contract due to a customer's inability or unwillingness to perform may negatively impact our reported sales.

Derivative Financial Instruments

We use derivative financial instruments to reduce our exposure to changes in prices for natural gas that will be purchased in the future. Natural gas is the largest and most volatile component of our manufacturing cost for nitrogen-based fertilizers. We also use derivative financial instruments to reduce our exposure to changes in foreign currency exchange rates. Because we use derivative instruments, volatility in reported quarterly earnings can result from the unrealized mark-to-market adjustments in the value of the derivatives.

Derivatives expose us to counterparties and the risks associated with their ability to meet the terms of the contracts. For derivatives that are in net asset positions, we are exposed to credit loss from nonperformance by the counterparties. We control our credit risk through the use of multiple counterparties that are multinational commercial banks, other major financial institutions or large energy companies, and, in most cases, the use of master netting arrangements.

The master netting arrangements for most of our derivative instruments contain credit-risk-related contingent features such as cross default provisions and credit support requirements. In the event of certain defaults or a credit ratings downgrade, our counterparty may request early termination and net settlement of certain derivative trades or may require us to collateralize derivatives in a net liability position.

As of June 30, 2015 and December 31, 2014, the aggregate fair value of the derivative instruments with credit-risk-related contingent features in net liability positions was \$23.8 million and \$47.1 million, respectively, which also approximates the fair value of the maximum amount of additional collateral that would need to be posted or assets needed to settle the obligations if the credit-risk-related contingent features were triggered at the reporting dates. At both June 30, 2015 and December 31, 2014, we had no cash collateral on deposit with counterparties for derivative contracts. As of June 30, 2015, we had open natural gas derivative contracts for 300.7 million MMBtus and the notional amount of our open foreign currency derivatives was €99.0 million.

Pension and Other Postretirement Benefits

We contributed \$2.1 million to our pension plans during the six months ended June 30, 2015. We expect to contribute approximately \$16.9 million to our pension plans over the remainder of 2015.

Cash Flows

Operating Activities

Net cash provided by operating activities during the first six months of 2015 was \$498.8 million as compared to \$555.3 million in the first six months of 2014. The \$56.5 million decrease in net cash provided by operating activities resulted from unfavorable working capital changes during the first six months of 2015 as compared to the first six months of 2014. Unfavorable working capital changes during the first six months of 2015 included lower customer advances received compared to the year ago period, as we started 2015 with significantly higher advances for spring application compared to the beginning of 2014. Additionally, unfavorable working capital changes occurred in inventory as we entered 2015 with low inventory levels and built inventory in the first six months of 2015, as compared to a reduction in inventory during the first six months of 2014.

Investing Activities

Net cash used in investing activities was \$1,001.4 million in the first six months of 2015 as compared to net cash provided by investing activities of \$200.3 million in the first six months of 2014 when we received proceeds of \$1.4 billion from the sale of the phosphate business and subsequently made \$505.0 million in deposits to restricted

cash funds. During the first six months of 2015, capital expenditures totaled \$1,031.9 million compared to \$685.0 million in the first six months of 2014. The increase in capital expenditures is primarily related to the capacity expansion projects in Donaldsonville, Louisiana and Port Neal, Iowa.

Table of Contents

Financing Activities

Net cash used in financing activities was \$679.5 million in the first six months of 2015 compared to \$271.8 million in the same period of 2014. We repurchased shares of our common stock in the first six months of 2015 for \$523.1 million in cash. In the first six months of 2014, we issued senior notes and received proceeds of approximately \$1.5 billion, and we repurchased shares of our common stock for \$1.6 billion in cash. Dividends paid on common stock were \$142.5 million and \$107.2 million in the first six months of 2015 and 2014, respectively.

Obligations

Contractual Obligations

The following is a summary of our contractual obligations as of June 30, 2015:

| | Remainder of 2015 (in millions) | 2016 | 2017 | 2018 | 2019 | After 2019 | Total |
|--|---------------------------------------|-----------|---------|-----------|---------|---------------|------------|
| Contractual Obligations | | | | | | | |
| Debt | | | | | | | |
| Long-term debt ⁽¹⁾ | \$— | \$— | \$— | \$800.0 | \$— | \$3,800.0 | \$4,600.0 |
| Interest payments on long-term debt ⁽¹⁾ | 129.3 | 256.2 | 256.2 | 228.7 | 201.2 | 2,539.7 | 3,611.3 |
| Other Obligations | | | | | | | |
| Operating leases | 51.3 | 96.1 | 79.4 | 62.7 | 50.2 | 102.0 | 441.7 |
| Equipment purchases and plant improvements | 117.9 | 14.9 | 6.5 | — | — | — | 139.3 |
| Capacity expansion projects ⁽²⁾ | 1,032.1 | 179.9 | — | — | — | — | 1,212.0 |
| Transportation ⁽³⁾ | 36.6 | 16.6 | 10.7 | 8.4 | 7.6 | 3.3 | 83.2 |
| Purchase obligations ⁽⁴⁾⁽⁵⁾ | 377.2 | 445.9 | 310.8 | 138.6 | 35.8 | 168.9 | 1,477.2 |
| Contributions to pension plans ⁽⁶⁾ | 16.9 | — | — | — | — | — | 16.9 |
| Net operating loss settlement ⁽⁷⁾ | 10.6 | 10.2 | 11.9 | — | — | — | 32.7 |
| Total ⁽⁸⁾⁽⁹⁾ | \$1,771.9 | \$1,019.8 | \$675.5 | \$1,238.4 | \$294.8 | \$6,613.9 | \$11,614.3 |

(1) Based on debt balances, before discounts and offering expenses, and on interest rates as of June 30, 2015.

We expect to spend approximately \$1.5 billion to \$2.0 billion during 2015 related to the approximately \$4.2 billion Donaldsonville, Louisiana and Port Neal, Iowa capacity expansion projects which are expected to be completed by

(2) 2016. Contractual commitments do not include any amounts related to our foreign currency derivatives. For further information, see our previous discussion under Capacity Expansion Projects and Restricted Cash in the Liquidity and Capital Resources section.

Includes anticipated expenditures under certain contracts to transport finished products to and from our facilities.

(3) The majority of these arrangements allow for reductions in usage based on our actual operating rates. Amounts are based on projected normal operating rates and contracted or current spot prices, where applicable, as of June 30, 2015, and actual operating rates and prices may differ.

(4) Includes minimum commitments to purchase natural gas based on prevailing market-based forward prices at June 30, 2015. Purchase obligations do not include any amounts related to our natural gas derivatives.

(5) Includes a commitment to purchase ammonia from PLNL at market-based prices under an agreement that expires in 2018. The annual commitment based on market prices at June 30, 2015 is \$129.5 million with a total remaining commitment of \$421.0 million.

Represents the contributions we expect to make to our pension plans during the remainder of 2015. Our pension

(6) funding policy is to contribute amounts sufficient to meet minimum legal funding requirements plus discretionary amounts that we may deem to be appropriate.

(7) Represents the amounts we expect to pay to our pre-IPO owners in conjunction with the amended Net Operating Loss Agreement and the 2013 settlement with the Internal Revenue Service.

- (8) Excludes \$160.0 million of unrecognized tax benefits due to the uncertainty in the timing of potential tax payments.
- (9) Excludes \$6.1 million of environmental remediation liabilities.

Table of Contents

Subsequent Events

GrowHow Acquisition

On July 31, 2015, we completed the previously announced acquisition of the remaining 50% equity interest in GrowHow for total cash consideration of \$580 million, subject to closing adjustments. For additional information, see Note 8—Equity Method Investments to our unaudited interim consolidated financial statements included in Part I of this report. The purchase price was funded with cash on hand.

Share Repurchases

In July 2015, we repurchased 0.3 million of the Company's common shares for \$22.5 million as part of the \$1.0 billion share repurchase program announced in the third quarter of 2014. Together with the 15.6 million shares repurchased through June 30, 2015, these repurchases bring the total repurchased shares to date under the program to 15.9 million for an aggregate expenditure of \$900.0 million.

Agreement to Combine with certain of OCI N.V.'s Businesses

On August 6, 2015, we announced that we entered into a definitive agreement under which we will combine with the European, North American and Global Distribution businesses of OCI N.V. (OCI) in a transaction valued at approximately \$8 billion, based on CF's current share price, including the assumption of approximately \$2 billion in net debt. The transaction includes OCI's nitrogen production facilities in Geleen, Netherlands, and Wever, Iowa, its interest in an ammonia and methanol complex in Beaumont, Texas and its global distribution business in Dubai, United Arab Emirates. The combined entity will also purchase a 45% interest plus an option to acquire the remaining interest in OCI's Natgasoline project in Texas, which upon completion in 2017 will be one of the world's largest methanol facilities. Under the terms of the agreement, CF will become a subsidiary of a new holding company (new CF) domiciled in the United Kingdom, where CF is the largest fertilizer producer following its recent acquisition of GrowHow. OCI will contribute its European, North American and Global Distribution businesses to new CF in exchange for shares equal to a fixed 25.6% of new CF plus approximately \$700 million of consideration to be paid in a mix of cash or shares at new CF's discretion. The agreement to purchase the 45% interest in Natgasoline is for approximately \$500 million in cash. Upon completion of the transaction and based on the current share price, CF shareholders would own approximately 72.3% of the new company and OCI would own approximately 27.7%. Final consideration mix (cash and new CF stock) and resulting ownership split will be dependent on the CF share price at the time of closing. The transaction is expected to close in 2016, subject to the approval of shareholders of both CF and OCI, the receipt of certain regulatory approvals and other customary closing conditions. The new company will operate under the name CF and be led by existing CF management.

In conjunction with entering into the combination agreement, on August 6, 2015, CF Industries Holdings, Inc. obtained financing commitments from Morgan Stanley Senior Funding, Inc. and Goldman Sachs Bank USA to finance the transactions contemplated by the agreement and for general corporate purposes. The proceeds of such committed financing are expected to be made available under a senior unsecured bridge term loan facility in an aggregate principal amount of up to \$4.0 billion.

Table of Contents

Off-Balance Sheet Arrangements

We have operating leases for certain property and equipment under various noncancelable agreements, the most significant of which are rail car leases and barge tow charters for the transportation of fertilizer. The rail car leases currently have minimum terms ranging from two to ten years and the barge charter commitments currently have terms ranging from two to seven years. We also have terminal and warehouse storage agreements for our distribution system, some of which contain minimum throughput requirements. The storage agreements contain minimum terms ranging from one to five years and commonly contain automatic annual renewal provisions thereafter unless canceled by either party. See Note 23—Leases in the notes to our consolidated financial statements appearing in our 2014 Annual Report on Form 10-K filed with the SEC on February 26, 2015 for additional information concerning leases.

We do not have any other off-balance sheet arrangements that have or are reasonably likely to have a material current or future effect on our financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources.

Critical Accounting Policies and Estimates

There were no changes to our significant accounting policies or estimates during the first six months of 2015.

Recent Accounting Pronouncements

See Note 2—New Accounting Standards to our unaudited interim consolidated financial statements included in Part I of this report for a discussion of recent accounting pronouncements.

Table of Contents

FORWARD-LOOKING STATEMENTS

From time to time, in this Quarterly Report on Form 10-Q as well as in other written reports and oral statements, we make forward-looking statements that are not statements of historical fact and may involve a number of risks and uncertainties. These statements relate to analyses and other information that are based on forecasts of future results and estimates of amounts not yet determinable. These statements may also relate to our future prospects, developments and business strategies. We have used the words "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "plan," "predict," "project," and similar terms and phrases, including references to assumptions, to identify forward-looking statements in this report. These forward-looking statements are made based on currently available competitive, financial and economic data, our current expectations, estimates, forecasts and projections about the industries and markets in which we operate and management's beliefs and assumptions concerning future events affecting us. These statements are not guarantees of future performance and are subject to risks, uncertainties and factors relating to our operations and business environment, all of which are difficult to predict and many of which are beyond our control. Therefore, our actual results may differ materially from what is expressed in or implied by any forward-looking statements. We want to caution you not to place undue reliance on any forward-looking statements. We do not undertake any responsibility to release publicly any revisions to these forward-looking statements to take into account events or circumstances that occur after the date of this document. Additionally, we do not undertake any responsibility to provide updates regarding the occurrence of any unanticipated events which may cause actual results to differ from those expressed or implied by the forward-looking statements contained in this report.

Important factors that could cause actual results to differ materially from our expectations are disclosed under "Risk Factors" in Item 1A in our 2014 Annual Report on Form 10-K, filed with the SEC on February 26, 2015. Such factors include, among others:

- the volatility of natural gas prices in North America and the United Kingdom;
- the cyclical nature of our business and the agricultural sector;
- the global commodity nature of our fertilizer products, the impact of global supply and demand on our selling prices, and the intense global competition from other fertilizer producers;
- conditions in the U.S. and U.K. agricultural industry;
- difficulties in securing the supply and delivery of raw materials, increases in their costs or delays or interruptions in their delivery;
- reliance on third party providers of transportation services and equipment;
- the significant risks and hazards involved in producing and handling our products against which we may not be fully insured;
- risks associated with cyber security;
- weather conditions;
- our ability to complete our production capacity expansion projects on schedule as planned, on budget or at all;
- an inability to achieve, or delay in achieving, the expected benefits of the GrowHow transaction as contemplated;
- risks associated with other expansions of our business, including unanticipated adverse consequences and the significant resources that could be required;
- potential liabilities and expenditures related to environmental, health and safety laws and regulations;
- our potential inability to obtain or maintain required permits and governmental approvals or to meet financial assurance requirements from governmental authorities;
- future regulatory restrictions and requirements related to greenhouse gas emissions;
- the seasonality of the fertilizer business;
- the impact of changing market conditions on our forward sales programs;
- risks involving derivatives and the effectiveness of our risk measurement and hedging activities;
- our reliance on a limited number of key facilities;
- risks associated with joint ventures;
- acts of terrorism and regulations to combat terrorism;
- risks associated with international operations;

losses on our investments in securities;
deterioration of global market and economic conditions; and
our ability to manage our indebtedness.

60

Table of Contents

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

We are exposed to the impact of changes in commodity prices, interest rates and foreign currency exchange rates.

Commodity Prices

Our net sales, cash flows and estimates of future cash flows related to fertilizer sales are sensitive to changes in fertilizer prices as well as changes in the prices of natural gas and other raw materials unless these costs have been fixed or hedged. A \$1.00 per MMBtu change in the price of natural gas would change the cost to produce a ton of ammonia, granular urea and UAN (32%) by approximately \$33, \$22 and \$14, respectively.

Natural gas is the largest and most volatile component of the manufacturing cost for nitrogen-based fertilizers. We manage the risk of changes in natural gas prices primarily through the use of derivative financial instruments covering periods of generally less than 30 months. The derivative instruments that we use are primarily natural gas options and natural gas fixed price swaps. These derivatives settle using primarily NYMEX futures price indexes, which represent the basis for fair value at any given time. The contracts are traded in months forward and settlements are scheduled to coincide with anticipated natural gas purchases during those future periods.

As of June 30, 2015 and December 31, 2014, we had open natural gas derivative contracts for 300.7 million MMBtus and 58.7 million MMBtus, respectively. A \$1.00 per MMBtu increase in the forward curve prices of natural gas at June 30, 2015 would result in a favorable change in the fair value of these derivative positions of approximately \$280 million, and a \$1.00 per MMBtu decrease in the forward curve prices of natural gas would change their fair value unfavorably by approximately \$277 million.

From time to time we may purchase nitrogen products on the open market to augment or replace production at our facilities.

Interest Rate Fluctuations

As of June 30, 2015, we had six series of senior notes totaling \$4.6 billion outstanding with maturity dates of May 1, 2018, May 1, 2020, June 1, 2023, March 15, 2034, June 1, 2043 and March 15, 2044. The senior notes have fixed interest rates. The fair value of our senior notes outstanding as of June 30, 2015 was approximately \$4.8 billion.

Borrowings under the Credit Agreement bear a current market rate of interest and we are subject to interest rate risk on such borrowings. However, there were no borrowings under the Credit Agreement as of June 30, 2015 or 2014, or during the six-month periods then ended.

Foreign Currency Exchange Rates

Since the fourth quarter of 2012, we have entered into euro/U.S. dollar derivative hedging transactions related to the euro-denominated construction costs associated with our capacity expansion projects at our Donaldsonville, Louisiana and Port Neal, Iowa facilities. As of June 30, 2015, the notional amount of our open foreign currency forward contracts was approximately €99.0 million and the fair value was a net unrealized loss of \$19.6 million. A 10% change in U.S. dollar/euro forward exchange rates would change the fair value of these positions by \$11.0 million.

We are also directly exposed to changes in the value of the Canadian dollar, the British pound, and the Swiss franc.

We do not maintain any exchange rate derivatives or hedges related to these currencies.

Table of Contents

ITEM 4. CONTROLS AND PROCEDURES.

(a) Disclosure Controls and Procedures. The Company's management, with the participation of the Company's Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company's disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)) as of the end of the period covered by this report. Based on such evaluation, the Company's Chief Executive Officer and Chief Financial Officer have concluded that, as of the end of such period, the Company's disclosure controls and procedures are effective in (i) ensuring that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (ii) ensuring that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

(b) Internal Control Over Financial Reporting. There have not been any changes in the Company's internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the quarter ended June 30, 2015 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II—OTHER INFORMATION

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.

The following table sets forth stock repurchases for each of the three months of the quarter ended June 30, 2015. The number of shares and per share amounts have been retroactively restated for all prior periods presented to reflect the five-for-one split of the Company's common stock as discussed in Note 1—Background and Basis of Presentation of Item 1. Financial Statements.

| Period | Issuer Purchases of Equity Securities | | | Maximum Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs ⁽¹⁾ (in thousands) ⁽¹⁾ |
|--------------------------------|---|---|--|--|
| | Total Number of Shares (or Units) Purchased | Average Price Paid per Share (or Unit) ⁽³⁾ | Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs ⁽¹⁾ | |
| April 1, 2015 - April 30, 2015 | 2,463,735 | \$57.07 | 2,463,735 | \$250,000 |
| May 1, 2015 - May 31, 2015 | 550,405 ⁽²⁾ | \$63.37 | 549,580 | \$215,174 |
| June 1, 2015 - June 30, 2015 | 1,454,780 | \$63.70 | 1,454,780 | \$122,501 |
| Total | 4,468,920 | \$60.00 | 4,468,095 | |

Represents the authorized share repurchase program announced on August 6, 2014 that allows management to

⁽¹⁾ repurchase common stock for a total expenditure of up to \$1.0 billion through December 31, 2016 (the 2014 Program).

⁽²⁾ Includes shares withheld to pay employee tax obligations upon the vesting of restricted stock awards.

⁽³⁾ Average price paid per share of common stock repurchased under the 2014 Program is the execution price, excluding commissions paid to brokers.

ITEM 6. EXHIBITS.

A list of exhibits filed with this report on Form 10-Q (or incorporated by reference to exhibits previously filed or furnished) is provided in the Exhibit Index on page 64 of this report.

Table of Contents

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

| | |
|----------------------|--|
| Date: August 6, 2015 | CF Industries Holdings, Inc. By: /s/ W. ANTHONY WILL W. Anthony Will President and Chief Executive Officer (Principal Executive Officer) |
| Date: August 6, 2015 | By: /s/ DENNIS P. KELLEHER Dennis P. Kelleher Senior Vice President and Chief Financial Officer (Principal Financial Officer) |

Table of Contents

EXHIBIT INDEX

| Exhibit No. | Description |
|-------------|--|
| 10.1 | Form of Performance Restricted Stock Unit Award Agreement |
| 31.1 | Certification of Principal Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
| 31.2 | Certification of Principal Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
| 32.1 | Certification of Principal Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 32.2 | Certification of Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 101 | The following financial information from CF Industries Holdings, Inc.'s Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, formatted in XBRL (eXtensible Business Reporting Language): (1) Consolidated Statements of Operations, (2) Consolidated Statements of Comprehensive Income, (3) Consolidated Balance Sheets, (4) Consolidated Statements of Equity, (5) Consolidated Statements of Cash Flows, and (6) the Notes to Unaudited Consolidated Financial Statements |