

Section 1: 10-Q (10-Q)

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

FORM 10-Q

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

For the quarterly period ended March 31, 2018

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 001-32327



The Mosaic Company

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

20-1026454
(I.R.S. Employer
Identification No.)

**3033 Campus Drive
Suite E490
Plymouth, Minnesota 55441
(800) 918-8270**

(Address and zip code of principal executive offices and registrant's telephone number, including area code)

Not Applicable

(Former name, former address and former fiscal year, if changed since last report)

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, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer", "accelerated filer", "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one): Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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

Indicate the number of shares outstanding of each of the issuer's classes of common stock as of the latest practicable date: 385,416,507 shares of Common Stock as of May 4, 2018.

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PART I. FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

THE MOSAIC COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF EARNINGS
(In millions, except per share amounts)
(Unaudited)

	Three months ended	
	March 31,	
	2018	2017
Net sales	\$ 1,933.7	\$ 1,578.1
Cost of goods sold	1,691.6	1,448.5
Gross margin	242.1	129.6
Selling, general and administrative expenses	93.6	80.9
Other operating expense	67.8	18.6
Operating earnings	80.7	30.1
Interest expense, net	(49.4)	(25.8)
Foreign currency transaction (loss) gain	(32.2)	8.9
Other expense	(5.6)	(4.5)
(Loss) earnings from consolidated companies before income taxes	(6.5)	8.7
(Benefits from) provision for income taxes	(49.9)	9.7
Earnings (loss) from consolidated companies	43.4	(1.0)
Equity in net loss of nonconsolidated companies	(3.3)	(0.1)
Net earnings (loss) including noncontrolling interests	40.1	(1.1)
Less: Net loss attributable to noncontrolling interests	(2.2)	(0.2)
Net earnings (loss) attributable to Mosaic	\$ 42.3	\$ (0.9)
Basic net earnings per share attributable to Mosaic	\$ 0.11	\$ —
Basic weighted average number of shares outstanding	382.6	350.5
Diluted net earnings per share attributable to Mosaic	\$ 0.11	\$ —
Diluted weighted average number of shares outstanding	384.1	350.5

See Notes to Condensed Consolidated Financial Statements

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THE MOSAIC COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In millions)
(Unaudited)

	Three months ended	
	March 31,	
	2018	2017
Net earnings (loss) including noncontrolling interest	\$ 40.1	\$ (1.1)
Other comprehensive (loss) income, net of tax		
Foreign currency translation (loss) gain, net of tax	(139.3)	37.4
Net actuarial gain and prior service cost, net of tax	2.1	2.7
Amortization of gain on interest rate swap, net of tax	0.4	0.6
Net (loss) gain on marketable securities held in trust fund, net of tax	(3.9)	2.4
Other comprehensive (loss) income	(140.7)	43.1
Comprehensive (loss) income	(100.6)	42.0
Less: Comprehensive (loss) income attributable to noncontrolling interest	(2.9)	1.0
Comprehensive (loss) income attributable to Mosaic	\$ (97.7)	\$ 41.0

See Notes to Condensed Consolidated Financial Statements

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THE MOSAIC COMPANY
CONDENSED CONSOLIDATED BALANCE SHEETS
(In millions, except per share amounts)
(Unaudited)

	March 31, 2018	December 31, 2017
Assets		
Current assets:		
Cash and cash equivalents	\$ 659.4	\$ 2,153.5
Receivables, net	708.4	642.6
Inventories	2,059.0	1,547.2
Other current assets	414.6	273.2
Total current assets	3,841.4	4,616.5
Property, plant and equipment, net of accumulated depreciation of \$6,423.9 million and \$6,274.1 million, respectively	11,865.3	9,711.7
Investments in nonconsolidated companies	836.3	1,089.5
Goodwill	1,760.6	1,693.6
Deferred income taxes	495.9	254.6
Other assets	1,652.8	1,267.5
Total assets	\$ 20,452.3	\$ 18,633.4
Liabilities and Equity		
Current liabilities:		
Short-term debt	\$ 71.8	\$ 6.1
Current maturities of long-term debt	250.8	343.5
Structured accounts payable arrangements	426.7	386.2
Accounts payable	679.4	540.9
Accrued liabilities	791.8	754.4
Total current liabilities	2,220.5	2,031.1
Long-term debt, less current maturities	4,823.1	4,878.1
Deferred income taxes	1,178.5	1,117.3
Other noncurrent liabilities	1,550.5	967.8
Equity:		
Preferred Stock, \$0.01 par value, 15,000,000 shares authorized, none issued and outstanding as of March 31, 2018 and December 31, 2017	—	—
Common Stock, \$0.01 par value, 1,000,000,000 shares authorized, 389,188,324 shares issued and 385,416,049 shares outstanding as of March 31, 2018, 388,998,498 shares issued and 351,049,649 shares outstanding as of December 31, 2017	3.8	3.5
Capital in excess of par value	977.2	44.5
Retained earnings	10,675.6	10,631.1
Accumulated other comprehensive loss	(1,201.6)	(1,061.6)
Total Mosaic stockholders' equity	10,455.0	9,617.5
Noncontrolling interests	224.7	21.6
Total equity	10,679.7	9,639.1
Total liabilities and equity	\$ 20,452.3	\$ 18,633.4

See Notes to Condensed Consolidated Financial Statements

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THE MOSAIC COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(In millions)
(Unaudited)

	Three months ended	
	March 31, 2018	March 31, 2017
Cash Flows from Operating Activities:		
Net earnings including noncontrolling interests	\$ 40.1	\$ (1.1)
Adjustments to reconcile net earnings including noncontrolling interests to net cash provided by operating activities:		
Depreciation, depletion and amortization	217.5	158.8
Amortization of acquired inventory	(30.1)	—
Deferred and other income taxes	(63.2)	59.1
Equity in net loss of nonconsolidated companies, net of dividends	3.3	—
Accretion expense for asset retirement obligations	12.1	6.5
Share-based compensation expense	15.7	15.9
Unrealized gain on derivatives	14.2	1.8
(Gain) loss on sale of fixed assets	0.4	—
Other	8.3	9.0
Changes in assets and liabilities, excluding effects of acquisition:		
Receivables, net	62.5	45.7
Inventories	(147.6)	(133.3)
Other current and noncurrent assets	(137.5)	(67.7)
Accounts payable and accrued liabilities	(74.9)	38.6
Other noncurrent liabilities	8.2	12.7
Net cash provided by (used in) operating activities	(71.0)	146.0
Cash Flows from Investing Activities:		
Capital expenditures	(223.3)	(223.8)
Purchases of available-for-sale securities - restricted	(185.7)	(736.1)
Proceeds from sale of available-for-sale securities - restricted	184.0	734.3
Investments in consolidated affiliate	1.3	(25.0)
Proceeds from sale of fixed assets	1.2	—
Acquisition, net of cash acquired	(994.6)	—
Other	(3.3)	5.0
Net cash used in investing activities	(1,220.4)	(245.6)
Cash Flows from Financing Activities:		
Payments of short-term debt	—	(14.5)
Proceeds from issuance of short-term debt	65.3	143.0
Payments of structured accounts payable arrangements	(235.7)	(35.3)
Proceeds from structured accounts payable arrangements	173.8	107.3
Payments of long-term debt	(206.9)	(1.6)
Proceeds from issuance of long-term debt	—	1.3
Cash dividends paid	(9.6)	(96.4)
Other	(0.2)	(1.6)
Net cash provided by (used in) financing activities	(213.3)	102.2
Effect of exchange rate changes on cash	13.4	3.0
Net change in cash, cash equivalents and restricted cash	(1,491.3)	5.6
Cash, cash equivalents and restricted cash - December 31	2,194.4	711.4
Cash, cash equivalents and restricted cash - March 31	\$ 703.1	\$ 717.0

See Notes to Condensed Consolidated Financial Statements

THE MOSAIC COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)
(In millions)
(Unaudited)

	Three months ended	
	March 31, 2018	March 31, 2017
Reconciliation of cash, cash equivalents and restricted cash reported within the unaudited condensed consolidated balance sheets to the unaudited statements of cash flows:		
Cash and cash equivalents	\$ 659.4	\$ 675.3
Restricted cash in other current assets	9.4	7.1
Restricted cash in other assets	34.3	34.6
Total cash, cash equivalents and restricted cash shown in the unaudited statement of cash flows	<u>\$ 703.1</u>	<u>\$ 717.0</u>

Supplemental Disclosure of Cash Flow Information:

Cash paid during the period for:		
Interest (net of amount capitalized of \$5.3 and \$8.6 for the three months ended March 31, 2018 and 2017, respectively)	\$ 11.1	\$ 8.3
Income taxes (net of refunds)	12.8	(0.4)

See Notes to Condensed Consolidated Financial Statements

THE MOSAIC COMPANY
CONDENSED CONSOLIDATED STATEMENTS OF EQUITY
(In millions, except per share amounts)
(Unaudited)

	Mosaic Shareholders							Total Equity
	Shares	Dollars						
	Common Stock	Common Stock	Capital in Excess of Par Value	Retained Earnings	Accumulated Other Comprehensive Loss	Noncontrolling Interests		
Balance as of December 31, 2016	350.2	\$ 3.5	\$ 29.9	\$ 10,863.4	\$ (1,312.2)	\$ 37.9	\$ 9,622.5	
Total comprehensive income (loss)	—	—	—	(107.2)	250.6	2.6	146.0	
Vesting of restricted stock units	0.8	—	(12.8)	—	—	—	(12.8)	
Stock based compensation	—	—	27.4	—	—	—	27.4	
Dividends (\$0.35 per share)	—	—	—	(125.1)	—	—	(125.1)	
Dividends for noncontrolling interests	—	—	—	—	—	(0.7)	(0.7)	
Balance as of December 31, 2017	351.0	\$ 3.5	\$ 44.5	\$ 10,631.1	\$ (1,061.6)	\$ 21.6	\$ 9,639.1	
Adoption of ASC Topic 606	—	—	—	2.7	—	—	2.7	
Total comprehensive income (loss)	—	—	—	42.3	(140.0)	(2.9)	(100.6)	
Vesting of restricted stock units	0.2	—	(2.7)	—	—	—	(2.7)	
Stock based compensation	—	—	15.7	—	—	—	15.7	
Acquisition of Vale Fertilizantes	34.2	0.3	919.7	—	—	—	920.0	
Dividends (\$0.025 per share)	—	—	—	(0.5)	—	—	(0.5)	
Dividends for noncontrolling interests	—	—	—	—	—	(0.2)	(0.2)	
Equity from noncontrolling interests	—	—	—	—	—	206.2	206.2	
Balance as of March 31, 2018	385.4	\$ 3.8	\$ 977.2	\$ 10,675.6	\$ (1,201.6)	\$ 224.7	\$ 10,679.7	

See Notes to Condensed Consolidated Financial Statements

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Tables in millions, except per share amounts and as otherwise designated)
(Unaudited)

1. Organization and Nature of Business

The Mosaic Company (“*Mosaic*”, and, with its consolidated subsidiaries, “*we*”, “*us*”, “*our*”, or the “*Company*”) produces and markets concentrated phosphate and potash crop nutrients. We conduct our business through wholly and majority owned subsidiaries as well as businesses in which we own less than a majority or a noncontrolling interest, including consolidated variable interest entities and investments accounted for by the equity method.

On January 8, 2018, we completed our acquisition (the “*Acquisition*”) of Vale Fertilizantes S.A. (now known as Mosaic Fertilizantes P&K S.A. or the “*Acquired Business*”). Upon completion of the Acquisition, we became the leading fertilizer producer and distributor in Brazil. To reflect the fact that our Brazilian business is no longer strictly a distribution business and also the significance of our investment in the Brazil business, we realigned our business segments (the “*Realignment*”). Beginning in the first quarter of 2018, we report the results of the Mosaic Fertilizantes business as a new segment, along with the reportable other segments of Phosphates and Potash.

After the Realignment, we are organized into the following business segments:

- Our **Phosphates** business segment owns and operates mines and production facilities in Florida which produce concentrated phosphate crop nutrients and phosphate-based animal feed ingredients, and processing plants in Louisiana which produce concentrated phosphate crop nutrients. As part of the Acquisition, we acquired an additional 40% economic interest in the Miski Mayo Phosphate Mine in Peru, which increased our aggregate interest to 75%. These results are now consolidated in the Phosphates segment. The Phosphates segment also includes our 25% interest in the Ma’aden Wa’ad Al Shamal Phosphate Company (the “*MWSPC*”), a joint venture to develop, own and operate integrated phosphate production facilities in the Kingdom of Saudi Arabia. We market approximately 25% of the MWSPC phosphate production. We recognize our equity in the net earnings or losses relating to MWSPC on a one-quarter reporting lag in our Condensed Consolidated Statements of Earnings.
- Our **Potash** business segment owns and operates potash mines and production facilities in Canada and the U.S. which produce potash-based crop nutrients, animal feed ingredients and industrial products. Potash sales include domestic and international sales. We are a member of Canpotex, Limited (“*Canpotex*”), an export association of Canadian potash producers through which we sell our Canadian potash outside the U.S. and Canada.
- Our **Mosaic Fertilizantes** business segment consists of assets we acquired in the Acquisition, which includes five Brazilian phosphate rock mines; four chemical plants and a potash mine in Brazil. The segment also includes our legacy distribution business in South America which consists of sales offices, crop nutrient blending and bagging facilities, port terminals and warehouses in Brazil and Paraguay. We also have a majority interest in Fospar S.A. which owns and operates and SSP granulation plant in Brazil.

Intersegment eliminations, unrealized mark-to-market gains/losses on derivatives, debt expenses, Streamsong Resort® results of operations and the results of the China and India distribution businesses are included within Corporate, Eliminations and Other. See Note 17 of the Condensed Consolidated Financial Statements in this report for segment results.

2. Summary of Significant Accounting Policies

Statement Presentation and Basis of Consolidation

The accompanying unaudited Condensed Consolidated Financial Statements of Mosaic have been prepared on the accrual basis of accounting and in accordance with the requirements of the Securities and Exchange Commission (“*SEC*”) for interim financial reporting. As permitted under these rules, certain footnotes and other financial information that are normally required by accounting principles generally accepted in the United States (“*GAAP*”) can be condensed or omitted. The Condensed Consolidated Financial Statements included in this document reflect, in the opinion of our management, all adjustments (consisting of only normal recurring adjustments) necessary for a fair presentation of the results for the interim periods presented. The following notes should be read in conjunction with the accounting policies and other disclosures in the Notes to the Consolidated Financial Statements included in our Annual Report on Form 10-K filed with the SEC for the year ended December 31, 2017 (the “*10-K Report*”). Sales, expenses, cash flows, assets and liabilities can

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

and do vary during the year as a result of seasonality and other factors. Therefore, interim results are not necessarily indicative of the results to be expected for the full fiscal year.

The accompanying Condensed Consolidated Financial Statements include the accounts of Mosaic, its majority owned subsidiaries, and certain variable interest entities in which Mosaic is the primary beneficiary. Certain investments in companies where we do not have control but have the ability to exercise significant influence are accounted for by the equity method.

Accounting Estimates

Preparation of the Condensed Consolidated Financial Statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of net sales and expenses during the reporting periods. The most significant estimates made by management relate to the estimates of fair value of acquired assets and liabilities, the recoverability of non-current assets including goodwill, the useful lives and net realizable values of long-lived assets, environmental and reclamation liabilities including asset retirement obligations (“*ARO*”), the costs of our employee benefit obligations for pension plans and postretirement benefits, income tax-related accounts, including the valuation allowance against deferred income tax assets, inventory valuation and accruals for pending legal and environmental matters. Actual results could differ from these estimates.

3. Recently Issued Accounting Guidance

Recently Adopted Accounting Pronouncements

On January 1, 2018, we adopted ASC Topic 606, “Revenue from Contracts with Customers” and related amendments (“new revenue standard”) using the modified retrospective method applied to those revenue contracts which were not completed as of January 1, 2018. See Note 4 of our Notes to Condensed Consolidated Financial Statements for additional information regarding the impacts of the new revenue standard.

In January 2016, the FASB issued guidance which addresses certain aspects of recognition, measurement, presentation, and disclosure of financial instruments. This guidance was effective for us beginning January 1, 2018, and did not have a material effect on our consolidated financial statements.

Pronouncements Issued But Not Yet Adopted

In February 2016, the FASB issued guidance which requires recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. This guidance is effective for us beginning January 1, 2019, with early adoption permitted. The provisions of this guidance are to be applied using a modified retrospective approach, which requires application of the guidance for all periods presented. The FASB is currently considering relief from comparative period presentation. We have determined that we will not early adopt this guidance, and that we will utilize initial calculational guidance for existing leases provided in the standard for use in the modified retrospective approach. We are currently gathering information about our lease arrangements, and are evaluating provisions of our leases against the recognition requirements of the new guidance. Additionally, we have begun the process of implementing an information system solution and changes to internal procedures necessary to meet the requirements of the new guidance. We continue to evaluate potential technology and process solutions and continue to work to determine the impact this guidance will have on our consolidated financial statements.

In December 2017, The U.S. Tax Cuts and Jobs Act (“*The Act*”) was enacted, significantly altering U.S. corporate income tax law. The FASB has issued guidance related to the newly enacted corporate income tax law changes enacted in December 2017. We are currently evaluating the potential impacts of the adoption of this guidance on our consolidated financial statements. See Note 7 of our Notes to Condensed Consolidated Financial Statements for additional information regarding the impacts of The Act.

4. Revenue

Adoption of ASC Topic 606, “Revenue with Customers”

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

On January 1, 2018, we adopted ASC Topic 606, “Revenue from Contracts with Customers” and related amendments (“new revenue standard”) using the modified retrospective method applied to those revenue contracts which were not completed as of January 1, 2018. We recognized the cumulative effect of initially applying the new revenue standard as a net increase to opening retained earnings of \$2.7 million, net of tax, as of January 1, 2018, with the impact primarily related to deferred North America revenue at December 31, 2017. The impact to revenues for the quarter ended March 31, 2018 was a decrease of \$11.1 million as a result of adoption of the new revenue standard.

The comparative information for the years ended December 31, 2017 and 2016 has not been restated and continues to be reported under the accounting standards in effect for those periods. We expect the impact of the adoption of the new standard to be immaterial to our results of operations on an ongoing basis. The cumulative effects of the changes made to our consolidated January 1, 2018 balance sheet for the adoption of the new revenue standard were as follows (in millions):

	Balance at December 31, 2017	Adjustments upon adoption	Balance at January 1, 2018
Balance Sheet			
Receivables, net	\$ 642.6	\$ 18.2	\$ 660.8
Inventories	1,547.2	(13.3)	1,533.9
Deferred income tax asset	254.6	(1.3)	253.3
Accrued Liabilities	754.4	0.9	755.3
Retained earnings	10,631.1	2.7	10,633.8

Revenue Recognition

We generate revenues primarily by producing and marketing phosphate and potash crop nutrients. Revenue is recognized when control of the product is transferred to the customer, which is generally upon transfer of title to the customer based on the contractual terms of each arrangement. Title is typically transferred to the customer upon shipment of the product. In certain circumstances, which are referred to as final price deferred arrangements, we ship product prior to the establishment of a valid sales contract. In such cases, we retain control of the product and do not recognize revenue until a sales contract has been agreed to with the customer.

Revenue is measured as the amount of consideration we expect to receive in exchange for the transfer of our goods. Our products are generally sold based on market prices prevailing at the time the sales contract is signed or through contracts which are priced at the time of shipment based on a formula. Sales incentives are estimated as earned by the customer and recorded as a reduction of revenue. Shipping and handling costs are included as a component of cost of goods sold.

For information regarding sales by product type and by geographic area, see Note 17 of our Notes to Condensed Consolidated Financial Statements.

Under the new revenue standard, the timing of revenue recognition is accelerated for certain sales arrangements due to the emphasis on transfer of control rather than risks and rewards. Certain sales where revenue was previously deferred until risk was fully assumed by the customer will now be recognized when the product is shipped. Additionally, the timing of when we record revenue on sales by Canpotex has been impacted by their adoption of the new standard. The total impact of adoption on our condensed consolidated statement of earnings and balance sheet was as follows (in millions):

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

	For the period ended March 31, 2018					
	As Reported	Elimination of Revenue Deferral	Canpotex Impact (a)	Balances Without Adoption of ASC 606	Impact	
Income Statement						
Net sales	\$ 1,933.7	\$ (58.7)	\$ 69.8	\$ 1,944.8	\$ (11.1)	
Cost of goods sold	1,691.6	(44.0)	52.3	1,699.9	(8.3)	
Provision for (benefit from) income taxes	(49.9)	(2.3)	4.5	(47.7)	(2.2)	
Net earnings (loss) attributable to Mosaic	42.3	(12.4)	13.0	42.9	(0.6)	
Balance Sheet						
Receivables, net	\$ 708.4	\$ (77.3)	\$ 69.8	\$ 700.9	\$ 7.5	
Inventories	2,059.0	44.9	—	2,103.9	(44.9)	
Other current assets	414.6	11.5	(47.7)	378.4	36.2	
Deferred income tax asset	495.9	3.6	(4.5)	495.0	0.9	
Accrued liabilities	791.8	(2.2)	4.6	794.2	(2.4)	
Retained earnings	10,675.6	(15.1)	13.0	10,673.5	2.1	

- (a) Includes a one-time material impact from Canpotex's adoption of the new revenue standards resulting in a deferral of approximately 400,000 tonnes and associated \$69.8 million of revenue and \$52.3 million of cost of goods sold.

Practical Expedients and Exemptions

We generally expense sales commissions when incurred because the amortization period would have been one year or less. These costs are recorded within sales and marketing expenses.

We have elected to recognize the cost for freight and shipping when control over the product has passed to the customer as an expense in cost of sales.

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

5. Other Financial Statement Data

The following provides additional information concerning selected balance sheet accounts:

	<u>March 31,</u> <u>2018</u>	<u>December 31,</u> <u>2017</u>
Other current assets		
Income and other taxes receivable	\$ 219.8	\$ 141.3
Prepaid expenses	86.8	69.0
Other	108.0	62.9
	<u>\$ 414.6</u>	<u>\$ 273.2</u>
Other assets		
Restricted cash	\$ 34.3	\$ 32.6
MRO inventory	135.6	114.8
Marketable securities held in trust	619.2	628.0
Indemnification asset	164.0	—
Long-term receivable	113.2	—
Other	586.5	492.1
	<u>\$ 1,652.8</u>	<u>\$ 1,267.5</u>
Accrued liabilities		
Accrued dividends	\$ 2.2	\$ 12.1
Payroll and employee benefits	149.9	159.5
Asset retirement obligations	116.1	98.1
Customer prepayments	196.9	140.4
Other	326.7	344.3
	<u>\$ 791.8</u>	<u>\$ 754.4</u>
Other noncurrent liabilities		
Asset retirement obligations	\$ 998.4	\$ 761.2
Accrued pension and postretirement benefits	280.7	53.7
Unrecognized tax benefits	33.5	33.5
Other	237.9	119.4
	<u>\$ 1,550.5</u>	<u>\$ 967.8</u>

6. Earnings Per Share

The numerator for basic and diluted earnings per share (“*EPS*”) is net earnings attributable to Mosaic. The denominator for basic EPS is the weighted average number of shares outstanding during the period. The denominator for diluted EPS also includes the weighted average number of additional common shares that would have been outstanding if the dilutive potential common shares had been issued, unless the shares are anti-dilutive.

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following is a reconciliation of the numerator and denominator for the basic and diluted EPS computations:

	Three months ended	
	March 31,	
	2018	2017
Net earnings (loss) attributable to Mosaic	\$ 42.3	\$ (0.9)
Basic weighted average number of shares outstanding	382.6	350.5
Dilutive impact of share-based awards	1.5	—
Diluted weighted average number of shares outstanding	384.1	350.5
Basic net earnings per share attributable to Mosaic	\$ 0.11	\$ —
Diluted net earnings per share attributable to Mosaic	\$ 0.11	\$ —

A total of 2.7 million shares of Common Stock subject to issuance upon exercise of stock options for the three months ended March 31, 2018 and 3.4 million shares and for the three months ended March 31, 2017, respectively, have been excluded from the calculation of diluted EPS as the effect would have been anti-dilutive.

7. Income Taxes

During the three months ended March 31, 2018, gross unrecognized tax benefits decreased by \$0.2 million to \$33.2 million. The decrease related to worldwide tax positions and foreign currency translation. If recognized, approximately \$19.3 million of the \$33.2 million in unrecognized tax benefits would affect our effective tax rate and net earnings in future periods.

We recognize interest and penalties related to unrecognized tax benefits as a component of our income tax provision. We had accrued interest and penalties totaling \$4.3 million and \$4.1 million as of March 31, 2018 and December 31, 2017, respectively, that were included in other noncurrent liabilities in the Condensed Consolidated Balance Sheets.

For the three months ended March 31, 2018, tax expense specific to the period was a benefit of approximately \$48.0 million. This consisted primarily of a partial release of \$57.0 million of valuation allowances as a result of revisions to provisional estimates related to The Act. This was partially offset by a share-based excess cost of \$1.6 million, a change in AMT refunds of \$2.0 million, and changes in estimates related to prior years of \$3.8 million. In addition to items specific to the period, our income tax rate is impacted by the mix of earnings across the jurisdictions in which we operate, by a benefit associated with depletion, and by the impact of certain entities being taxed in both foreign jurisdictions and the US including foreign tax credits for various taxes incurred.

In the period ended March 31, 2018, we adopted new accounting requirements that provide the option to reclassify stranded income tax effects resulting from The Act from accumulated other comprehensive income (“*AOCI*”) to retained earnings. We did not elect to reclassify these effects of The Act from *AOCI* to retained earnings.

2017 Impacts of the Tax Cuts and Jobs Act

On December 22, 2017, The Act was enacted, significantly altering U.S. corporate income tax law. The SEC issued Staff Accounting Bulletin 118, which allows companies to record reasonable estimates of enactment impacts where all of the underlying analysis and calculations are not yet complete (“*Provisional Estimates*”). The Provisional Estimates must be finalized within a one-year measurement period.

Mosaic recorded its Provisional Estimates relating to The Act in the period ending December 31, 2017. The revisions recorded this period are still considered Provisional Estimates and may differ, possibly materially, due to, among other things, changes in interpretations and assumptions the Company has made, guidance that may be issued, and actions the Company may take as a result of The Act.

For the three months ended March 31, 2017, tax expense specific to the period included an expense of \$8.9 million, which primarily related to share-based excess cost. In addition to items specific to the period, our income tax rate was impacted by the mix of earnings across the jurisdictions in which we operate and by a benefit associated with depletion.

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8. Inventories

Inventories consist of the following:

	March 31, 2018	December 31, 2017
Raw materials	\$ 93.3	\$ 37.8
Work in process	446.6	349.9
Finished goods	1,332.3	1,035.1
Final price deferred ^(a)	76.6	38.6
Operating materials and supplies	110.2	85.8
	<u>\$ 2,059.0</u>	<u>\$ 1,547.2</u>

(a) Final price deferred is product that has shipped to customers, but the price has not yet been agreed upon.

9. Goodwill

Mosaic has goodwill of \$1.8 billion at March 31, 2018 and \$1.7 billion at December 31, 2017, respectively. We review goodwill for impairment annually in October or at any time events or circumstances indicate that the carrying value may not be fully recoverable, which is based on our accounting policy and GAAP. The changes in the carrying amount of goodwill, by reporting unit, are as follows:

	Phosphates	Potash	Mosaic Fertilizantes	Corporate, Eliminations and Other	Total
Balance as of December 31, 2017	\$ 492.4	\$ 1,076.9	\$ 124.3	\$ —	\$ 1,693.6
Foreign currency translation	—	(24.8)	(0.2)	—	(25.0)
Allocation of goodwill due to Realignment	—	—	(12.1)	12.1	—
Goodwill acquired in Vale acquisition	92.0	—	—	—	92.0
Balance as of March 31, 2018	<u>\$ 584.4</u>	<u>\$ 1,052.1</u>	<u>\$ 112.0</u>	<u>\$ 12.1</u>	<u>\$ 1,760.6</u>

We elected early adoption of ASU 2017-04 effective January 1, 2017, “Intangibles—Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment.” As a result, we removed Step 2 of the goodwill impairment test, which requires a hypothetical purchase price allocation. Goodwill impairment is now the amount by which a reporting unit’s carrying value exceeds its fair value, not to exceed the carrying amount of goodwill.

Due to the Realignment and the Acquisition, we performed a review of goodwill as of January 8, 2018. Based on the proportionate share of business enterprise values (representative of the fair value) we have assigned a portion of goodwill to Corporate and Other. In performing our assessment, we estimated the fair value of each of our reporting units using the income approach, also known as the discounted cash flow (“*DCF*”) method. The income approach utilized the present value of cash flows to estimate fair value. The future cash flows for our reporting units were projected based on our estimates, at that time, for revenue, operating income and other factors (such as working capital and capital expenditures for each reporting unit). To determine if the fair value of each of our reporting units with goodwill exceeded its carrying value, we assumed sales volume growth rates based on our long-term expectations, our internal selling prices and raw material prices for years one through five, which were anchored in projections from CRU International Limited, an independent third party data source. Selling prices and raw material prices for years six and beyond were based on anticipated market growth. The discount rates used in our DCF method were based on a weighted-average cost of capital (“*WACC*”), determined from relevant market comparisons. A terminal value growth rate of 2% to 2.25% was applied to the final year of the projected period and reflected our estimate of stable growth. We then calculated a present value of the respective cash flows for each reporting unit to arrive at an estimate of fair value under the income approach. Finally, we compared our estimates of fair

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

values for our reporting units, to our January 8, 2018 total public market capitalization, based on our common stock price at that date.

In making this assessment, we considered, among other things, expectations of projected net sales and cash flows, assumptions impacting the WACC, changes in our stock price and changes in the carrying values of our reporting units with goodwill. We also considered overall business conditions including, among other things, a perception of oversupply in both Phosphates and Potash.

Based on our quantitative evaluation at January 8, 2018, we determined that our Potash reporting unit had an estimated fair value that was not in significant excess of its carrying value. As a result, we concluded that the goodwill assigned to the Potash reporting unit was not impaired, but could be at risk of future impairment. We continue to believe that our long-term financial goals will be achieved. As a result of our analysis, we did not record a goodwill impairment charge. Our other reporting units have substantial fair value in excess of their carrying values.

Assessing the potential impairment of goodwill involves certain assumptions and estimates in our model that are highly sensitive and include inherent uncertainties that are often interdependent and do not change in isolation such as product prices, raw material costs, WACC, and terminal value growth rate. If any of these are different from our assumptions, future tests may indicate an impairment of goodwill, which would result in non-cash charges, adversely affecting our results of operations.

Of the factors discussed above, WACC is more sensitive than others. Assuming that all other components of our fair value estimate remain unchanged, a change in the WACC would have the following effect on estimated fair values in excess of carrying values for our Potash Reporting Unit:

	Sensitivity Analysis - Percent of Fair Values in Excess of Carrying Values				
	Current WACC	WACC Decreased by 50 Basis Points	WACC Decreased by 25 Basis Points	WACC Increased by 25 Basis Points	WACC Increased by 50 Basis Points
Potash Reporting Unit	16.7%	23.5%	20.1%	13.2%	9.6%

We are required to perform our next annual goodwill impairment analysis as of October 31, 2018. It is possible that, during the remainder of 2018 or beyond, business conditions could deteriorate from the current state, raw material or product price projections could decline significantly from current estimates, or our common stock price could decline significantly. If assumed net sales and cash flow projections are not achieved or our common stock price significantly declines from current levels, book values of certain operations could exceed their fair values, which may result in goodwill impairment charges in future periods. It is not possible at this time to determine if any such future impairment charge would result or, if it does, whether such charge would be material.

10. Marketable Securities Held in Trusts

In August 2016, Mosaic deposited \$630 million into two trust funds (together, the "**RCRA Trusts**") created to provide cash financial assurance for the estimated costs ("**Gypstack Closure Costs**") of closure and long term care of our Florida and Louisiana phosphogypsum management systems ("**Gypstacks**"), as described further in Note 11 of our Notes to Condensed Consolidated Financial Statements. Our actual Gypstack Closure Costs are generally expected to be paid by us in the normal course of our Phosphate business; however, funds held in each of the RCRA Trusts can be drawn by the applicable governmental authority in the event we cannot perform our closure and long term care obligations. When our estimated Gypstack Closure Costs with respect to the facilities associated with a RCRA Trust are sufficiently lower than the amount on deposit in that RCRA Trust, we have the right to request that the excess funds be released to us. The same is true for the RCRA Trust balance remaining after the completion of our obligations, which will be performed over a period that may not end until three decades or more after a Gypstack has been closed. The investments held by the RCRA Trusts are managed by independent investment managers with discretion to buy, sell, and invest pursuant to the objectives and standards set forth in the related trust agreements. Amounts reserved to be held or held in the RCRA Trusts (including losses or reinvested earnings) are included in other assets on our Condensed Consolidated Balance Sheets.

The RCRA Trusts hold investments, which are restricted from our general use, in marketable debt securities classified as available-for-sale and are carried at fair value. As a result, unrealized gains and losses are included in other comprehensive

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income until realized, unless it is determined that the carrying value of an investment is impaired on an other-than-temporary basis. There were no other-than-temporary impairment write-downs on available-for-sale securities during the three months ended March 31, 2018.

We review the fair value hierarchy classification on a quarterly basis. Changes in the ability to observe valuation inputs may result in a reclassification of levels for certain securities within the fair value hierarchy. We determine the fair market values of our available-for-sale securities and certain other assets based on the fair value hierarchy described below:

Level 1: Values based on unadjusted quoted prices in active markets that are accessible at the measurement date for identical assets or liabilities.

Level 2: Values based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, or model-based valuation techniques for which all significant assumptions are observable in the market.

Level 3: Values generated from model-based techniques that use significant assumptions not observable in the market. These unobservable assumptions reflect our own estimates of assumptions that market participants would use in pricing the asset or liability. Valuation techniques include use of option pricing models, discounted cash flow models and similar techniques.

The estimated fair value of the investments in the RCRA Trusts as of March 31, 2018 and December 31, 2017 are as follows:

	March 31, 2018			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Level 1				
Cash and cash equivalents	\$ 3.5	\$ —	\$ —	\$ 3.5
Level 2				
Corporate debt securities	176.5	0.1	(5.1)	171.5
Municipal bonds	185.1	0.2	(4.4)	180.9
U.S. government bonds	265.9	1.1	(5.4)	261.6
Total	\$ 631.0	\$ 1.4	\$ (14.9)	\$ 617.5
	December 31, 2017			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Level 1				
Cash and cash equivalents	\$ 1.2	\$ —	\$ —	\$ 1.2
Level 2				
Corporate debt securities	186.1	0.4	(2.2)	184.3
Municipal bonds	184.5	0.5	(2.7)	182.3
U.S. government bonds	261.7	—	(4.4)	257.3
Total	\$ 633.5	\$ 0.9	\$ (9.3)	\$ 625.1

The following tables show gross unrealized losses and fair values of the RCRA Trusts' available-for-sale securities that have been in a continuous unrealized loss position deemed to be temporary as of March 31, 2018 and December 31, 2017.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

	March 31, 2018		December 31, 2017	
	Less than 12 months		Less than 12 months	
	Fair Value	Gross Unrealized Losses ^(a)	Fair Value	Gross Unrealized Losses ^(a)
Corporate debt securities	\$ 75.3	\$ (1.9)	\$ 44.3	\$ (0.3)
Municipal bonds	79.7	(0.9)	64.5	(0.5)
U.S. government bonds	152.2	(5.4)	255.0	(4.4)
Total	\$ 307.2	\$ (8.2)	\$ 363.8	\$ (5.2)

	March 31, 2018		December 31, 2017	
	Greater than 12 months		Greater than 12 months	
	Fair Value	Gross Unrealized Losses ^(a)	Fair Value	Gross Unrealized Losses ^(a)
Corporate debt securities	\$ 86.8	\$ (3.2)	\$ 100.4	\$ (1.9)
Municipal bonds	79.5	(3.5)	83.3	(2.2)
U.S. government bonds	—	—	—	—
Total	\$ 166.3	\$ (6.7)	\$ 183.7	\$ (4.1)

(a) Represents the aggregate of the gross unrealized losses that have been in a continuous unrealized loss position as of March 31, 2018 and December 31, 2017.

The following table summarizes the balance by contractual maturity of the available-for-sale debt securities invested by the RCRA Trusts as of March 31, 2018. Actual maturities may differ from contractual maturities because the issuers of the securities may have the right to prepay obligations before the underlying contracts mature.

	March 31, 2018
Due in one year or less	\$ 34.0
Due after one year through five years	306.8
Due after five years through ten years	132.6
Due after ten years	140.6
Total debt securities	\$ 614.0

Realized gains and (losses), which were determined on a specific identification basis, were zero and \$(4.9) million, respectively, for the three months ended March 31, 2018 and \$0.3 million and \$(1.9) million, respectively, for the three months ended March 31, 2017.

11. Asset Retirement Obligations

We recognize our estimated asset retirement obligations (“AROs”) in the period in which we have an existing legal obligation associated with the retirement of a tangible long-lived asset, and the amount of the liability can be reasonably estimated. The ARO is recognized at fair value when the liability is incurred with a corresponding increase in the carrying amount of the related long lived asset. We depreciate the tangible asset over its estimated useful life. The liability is adjusted in subsequent periods through accretion expense which represents the increase in the present value of the liability due to the passage of time. Such depreciation and accretion expenses are included in cost of goods sold for operating facilities and other operating expense for indefinitely closed facilities.

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Our legal obligations related to asset retirement require us to: (i) reclaim lands disturbed by mining as a condition to receive permits to mine phosphate ore reserves; (ii) treat low pH process water in Gypstacks to neutralize acidity; (iii) close and monitor Gypstacks at our Florida and Louisiana facilities at the end of their useful lives; (iv) remediate certain other conditional obligations; (v) remove all surface structures and equipment, plug and abandon mine shafts, contour and revegetate, as necessary, and monitor for five years after closing our Carlsbad, New Mexico facility; (vi) decommission facilities, manage tailings and execute site reclamation at our Saskatchewan potash mines at the end of their useful lives; (vii) de-commission mines in Brazil and Peru acquired as part of the Acquisition and (viii) decommission plant sites and close gypstacks in Brazil also as part of the Acquisition. The estimated liability for these legal obligations is based on the estimated cost to satisfy the above obligations which is discounted using a credit-adjusted risk-free rate.

A reconciliation of our AROs is as follows:

<i>(in millions)</i>	Three Months Ended March 31, 2018	Year Ended December 31, 2017
AROs, beginning of period	\$ 859.3	\$ 849.9
Liabilities acquired in the Acquisition	255.0	—
Liabilities incurred	6.6	27.1
Liabilities settled	(11.9)	(64.8)
Accretion expense	12.1	25.7
Revisions in estimated cash flows	2.6	15.7
Foreign currency translation	(9.2)	5.7
AROs, end of period	1,114.5	859.3
Less current portion	116.1	98.1
	<u>\$ 998.4</u>	<u>\$ 761.2</u>

North America Gypstack Closure Costs

A majority of our ARO relates to Gypstack Closure Costs. For financial reporting purposes, we recognize our estimated Gypstack Closure Costs at their present value. This present value determined for financial reporting purposes is reflected on our Consolidated Balance Sheets in accrued liabilities and other noncurrent liabilities.

As discussed below, we have arrangements to provide financial assurance for the estimated Gypstack Closure Costs associated with our facilities in Florida and Louisiana.

EPA RCRA Initiative. On September 30, 2015, we and our subsidiary, Mosaic Fertilizer, LLC (“*Mosaic Fertilizer*”), reached agreements with the U.S. Environmental Protection Agency (“*EPA*”), the U.S. Department of Justice (“*DOJ*”), the Florida Department of Environmental Protection (“*FDEP*”) and the Louisiana Department of Environmental Quality (the “*LDEQ*”) on the terms of two consent decrees (collectively, the “*2015 Consent Decrees*”) to resolve claims relating to our management of certain waste materials onsite at our Riverview, New Wales, Mulberry, Green Bay, South Pierce and Bartow fertilizer manufacturing facilities in Florida and our Faustina and Uncle Sam facilities in Louisiana. This followed a 2003 announcement by the EPA Office of Enforcement and Compliance Assurance that it would be targeting facilities in mineral processing industries, including phosphoric acid producers, for a thorough review under the U.S. Resource Conservation and Recovery Act (“*RCRA*”) and related state laws. As discussed below, a separate consent decree was previously entered into with EPA and the FDEP with respect to RCRA compliance at the Plant City, Florida phosphate concentrates facility (the “*Plant City Facility*”) that we acquired as part of our acquisition (the “*CF Phosphate Assets Acquisition*”) of the Florida phosphate assets and assumption of certain related liabilities of CF Industries, Inc. (“*CF*”).

The 2015 Consent Decrees became effective on August 5, 2016 and require the following:

- Payment of a cash penalty of approximately \$8.0 million, in the aggregate, which was made in August 2016.
- Payment of up to \$2.2 million to fund specific environmental projects unrelated to our facilities, substantially all of which was paid in 2016 and 2017.

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- Modification of certain operating practices and undertaking certain capital improvement projects over a period of several years that are expected to result in capital expenditures likely to exceed \$200 million in the aggregate.
- Provision of additional financial assurance for the estimated Gypstack Closure Costs for Gypstacks at the covered facilities. The RCRA Trusts are discussed below and in Note 10 to our Condensed Consolidated Financial Statements. We issued a \$50 million letter of credit in 2017 to further support our financial assurance obligations under the Florida 2015 Consent Decree. In addition, we have agreed to guarantee the difference between the amounts held in each RCRA Trust (including any earnings) and the estimated closure and long-term care costs.

As of December 31, 2017, the undiscounted amount of our Gypstack Closure Costs ARO associated with the facilities covered by the 2015 Consent Decrees, determined using the assumptions used for financial reporting purposes, was approximately \$1.4 billion and the present value of our Gypstack Closure Costs ARO reflected in our Consolidated Balance Sheet for those facilities was approximately \$420 million.

In 2016, we deposited cash, in the total amount of \$630 million, into the RCRA Trusts to provide financial assurance as required under the 2015 Consent Decrees. See Note 10 to our Condensed Consolidated Financial Statements. The amount deposited corresponds to a material portion of our estimated Gypstack Closure Costs ARO associated with the covered facilities.

Plant City and Bonnie Facilities. As part of the CF Phosphate Assets Acquisition, we assumed certain ARO related to Gypstack Closure Costs at both the Plant City Facility and a closed Florida phosphate concentrates facility in Bartow, Florida (the “Bonnie Facility”) that we acquired. Associated with these assets are two related financial assurance arrangements for which we became responsible and that provide sources of funds for the estimated Gypstack Closure Costs for these facilities, pursuant to federal or state law, which the government can draw against in the event we cannot perform such closure activities. One was initially a trust (the “Plant City Trust”) established to meet the requirements under a consent decree with EPA and the FDEP with respect to RCRA compliance at Plant City that also satisfied Florida financial assurance requirements at that site. Beginning in September 2016, as a substitute for the financial assurance provided through the Plant City Trust, we have provided financial assurance for Plant City in the form of a surety bond delivered to EPA (the “Plant City Bond”), currently in the amount of \$245.6 million, reflecting our updated closure cost estimates as of December 31, 2017. The other is a trust fund (the “Bonnie Facility Trust”) established to meet the requirements under Florida financial assurance regulations that apply to the Bonnie Facility. The balance in the Bonnie Facility Trust in \$20.9 million as of December 31, 2017. Both financial assurance funding obligations require estimates of future expenditures that could be impacted by refinements in scope, technological developments, new information, cost inflation, changes in regulations, discount rates and the timing of activities. We are also permitted to satisfy our financial assurance obligations with respect to the Bonnie and Plant City Facilities by means of alternative credit support, including surety bonds or letters of credit. Under our current approach to satisfying applicable requirements, additional financial assurance would be required in the future if increases in cost estimates exceed the face amount of the Plant City Bond or the amount held in the Bonnie Facility Trust.

At March 31, 2018 and December 31, 2017, the aggregate amount of ARO associated with the Plant City and Bonnie Facilities that was included in our consolidated balance sheet was \$98.3 million and \$97.7 million, respectively. The aggregate amount represented by the Plant City Bond exceeds the aggregate amount of ARO associated with that Facility because the amount of financial assurance we are required to provide represents the aggregate undiscounted estimated amount to be paid by us in the normal course of our Phosphates business over a period that may not end until three decades or more after the Gypstack has been closed, whereas the ARO included in our Condensed Consolidated Balance Sheet reflects the discounted present value of those estimated amounts.

12. Contingencies

We have described below judicial and administrative proceedings to which we are subject.

We have contingent environmental liabilities that arise principally from three sources: (i) facilities currently or formerly owned by our subsidiaries or their predecessors; (ii) facilities adjacent to currently or formerly owned facilities; and (iii) third-party Superfund or state equivalent sites. At facilities currently or formerly owned by our subsidiaries or their predecessors, the historical use and handling of regulated chemical substances, crop and animal nutrients and additives and by-product or process tailings have resulted in soil, surface water and/or groundwater contamination. Spills or other releases of regulated

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substances, subsidence from mining operations and other incidents arising out of operations, including accidents, have occurred previously at these facilities, and potentially could occur in the future, possibly requiring us to undertake or fund cleanup or result in monetary damage awards, fines, penalties, other liabilities, injunctions or other court or administrative rulings. In some instances, pursuant to consent orders or agreements with governmental agencies, we are undertaking certain remedial actions or investigations to determine whether remedial action may be required to address contamination. At other locations, we have entered into consent orders or agreements with appropriate governmental agencies to perform required remedial activities that will address identified site conditions. Taking into consideration established accruals of approximately \$99.3 million and \$35.1 million as of March 31, 2018 and December 31, 2017, respectively, expenditures for these known conditions currently are not expected, individually or in the aggregate, to have a material effect on our business or financial condition. However, material expenditures could be required in the future to remediate the contamination at known sites or at other current or former sites or as a result of other environmental, health and safety matters. Below is a discussion of the more significant environmental matters.

New Wales Water Loss Incident. In August 2016, a sinkhole developed under one of the two cells of the active Gypstack at our New Wales facility in Polk County, Florida, resulting in process water from the stack draining into the sinkhole. The incident was reported to the FDEP and EPA and in October 2016 our subsidiary, Mosaic Fertilizer, entered into a consent order (the “*Order*”) with the FDEP relating to the incident under which Mosaic Fertilizer agreed to, among other things: implement a remediation plan to close the sinkhole; perform additional monitoring of the groundwater quality and act to assess and remediate in the event monitored off-site water does not comply with applicable standards as a result of the incident; evaluate the risk of potential future sinkhole formation at the New Wales facility and at Mosaic Fertilizer’s active Gypstack operations at the Bartow, Riverview and Plant City facilities with recommendations to address any identified issues; and provide financial assurance of no less than \$40.0 million, which we have done without the need for any expenditure of corporate funds through satisfaction of a financial strength test and Mosaic parent guarantee. The Order did not require payment of civil penalties relating to the incident.

In 2016, we recorded expenses and related accruals of approximately \$70.0 million, reflecting our estimated costs related to the sinkhole. At June 30, 2017 we accrued an additional \$14.0 million, in part due to refinements in our estimates as repairs progressed and because we determined that a portion of the sinkhole was wider than previously estimated. As of March 31, 2018, we had incurred approximately \$72.8 million in remediation and sinkhole-related costs and we estimate that the remaining cost to complete and implement the remediation plan and comply with our responsibilities under the Order as described above will be approximately \$11.2 million. There are, however, uncertainties in estimating these costs. Additional expenditures could be required in the future for additional remediation or other measures in connection with the sinkhole including if, for example, FDEP or EPA were to request additional measures to address risks presented by the Gypstack, and these expenditures could be material. In addition, we are unable to predict at this time what, if any, impact the New Wales water loss incident will have on future Florida permitting efforts.

EPA RCRA Initiative. We have certain financial assurance and other obligations under consent decrees and a separate financial assurance arrangement relating to our facilities in Florida and Louisiana. These obligations are discussed in Note 11 of our Notes to Condensed Consolidated Financial Statements.

EPA EPCRA Initiative. In July 2008, DOJ sent a letter to major U.S. phosphoric acid manufacturers, including us, stating that EPA’s ongoing investigation indicates apparent violations of Section 313 of the Emergency Planning and Community Right-to-Know Act (“*EPCRA*”) at their phosphoric acid manufacturing facilities. Section 313 of EPCRA requires annual reports to be submitted with respect to the use or presence of certain toxic chemicals. DOJ and EPA also stated that they believe that a number of these facilities have violated Section 304 of EPCRA and Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (“*CERCLA*”) by failing to provide required notifications relating to the release of hydrogen fluoride from the facilities. The letter did not identify any specific violations by us or assert a demand for penalties against us. We cannot predict at this time whether EPA and DOJ will initiate an enforcement action over this matter, what its scope would be, or what the range of outcomes of such a potential enforcement action might be.

Florida Sulfuric Acid Plants. On April 8, 2010, EPA Region 4 submitted an administrative subpoena to us under Section 114 of the Federal Clean Air Act (the “*CAA*”) regarding compliance of our Florida sulfuric acid plants with the “New Source Review” requirements of the CAA. The request received by Mosaic appears to be part of a broader EPA

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national enforcement initiative focusing on sulfuric acid plants. On June 16, 2010, EPA issued a notice of violation to CF (the "**CF NOV**") with respect to "New Source Review" compliance at the Plant City Facility's sulfuric acid plants and the allegations in the CF NOV were not resolved before our 2014 acquisition of the Plant City Facility. CF has agreed to indemnify us with respect to any penalty EPA may assess as a result of the allegations in the CF NOV. We are negotiating the terms of a settlement with EPA that would resolve both the violations alleged in the CF NOV, and violations which EPA may contend, but have not asserted, exist at the sulfuric acid plants at our other facilities in Florida. Based on the current status of the negotiations, we expect that our commitments will include an agreement to reduce our sulfur dioxide emissions over the next five years to comply with a sulfur dioxide ambient air quality standard enacted by EPA in 2010. We do not expect that any related penalties assessed against us as part of a potential settlement would be material. In the event we are unable to finalize agreement on the terms of the settlement, we cannot predict at this time whether EPA and DOJ will initiate an enforcement action with respect to "New Source Review" compliance at our Florida sulfuric acid plants other than the Plant City Facility or what its scope would be, or what the range of outcomes might be with respect to such a potential enforcement action or with respect to the CF NOV.

Other Environmental Matters. Superfund and equivalent state statutes impose liability without regard to fault or to the legality of a party's conduct on certain categories of persons who are considered to have contributed to the release of "hazardous substances" into the environment. Under Superfund, or its various state analogues, one party may, under certain circumstances, be required to bear more than its proportionate share of cleanup costs at a site where it has liability if payments cannot be obtained from other responsible parties. Currently, certain of our subsidiaries are involved or concluding involvement at several Superfund or equivalent state sites. Our remedial liability from these sites, alone or in the aggregate, currently is not expected to have a material effect on our business or financial condition. As more information is obtained regarding these sites and the potentially responsible parties involved, this expectation could change.

We believe that, pursuant to several indemnification agreements, our subsidiaries are entitled to at least partial, and in many instances complete, indemnification for the costs that may be expended by us or our subsidiaries to remedy environmental issues at certain facilities. These agreements address issues that resulted from activities occurring prior to our acquisition of facilities or businesses from parties including, but not limited to, ARCO (BP); Beatrice Fund for Environmental Liabilities; Conoco; Conserv; Estech, Inc.; Kaiser Aluminum & Chemical Corporation; Kerr-McGee Inc.; PPG Industries, Inc.; The Williams Companies; CF; and certain other private parties. Our subsidiaries have already received and anticipate receiving amounts pursuant to the indemnification agreements for certain of their expenses incurred to date as well as future anticipated expenditures. We record potential indemnifications as an offset to the established accruals when they are realizable or realized.

Phosphate Mine Permitting in Florida

Denial of the permits sought at any of our mines, issuance of the permits with cost-prohibitive conditions, substantial delays in issuing the permits, legal actions that prevent us from relying on permits or revocation of permits may create challenges for us to mine the phosphate rock required to operate our Florida and Louisiana phosphate plants at desired levels or increase our costs in the future.

The South Pasture Extension. In November 2016, the Army Corps of Engineers (the "**Corps**") issued a federal wetlands permit under the Clean Water Act for mining an extension of our South Pasture phosphate rock mine in central Florida. On December 20, 2016, the Center for Biological Diversity, ManaSota-88, People for Protecting Peace River and Suncoast Waterkeeper issued a 60-day notice of intent to sue the Corps and the U.S. Fish and Wildlife Service (the "**Service**") under the federal Endangered Species Act regarding actions taken by the Corps and the Service in connection with the issuance of the permit. On March 15, 2017, the same group filed a complaint against the Corps, the Service and the U.S. Department of the Interior in the U.S. District Court for the Middle District of Florida, Tampa Division. The complaint alleges that various actions taken by the Corps and the Service in connection with the issuance of the permit, including in connection with the Service's biological opinion and the Corps' reliance on that biological opinion, violated substantive and procedural requirements of the federal Clean Water Act ("**CWA**"), the National Environmental Policy Act ("**NEPA**") and the Endangered Species Act (the "**ESA**"), and were arbitrary, capricious, an abuse of discretion, and otherwise not in accordance with law, in violation of the Administrative Procedure Act (the "**APA**"). As to the Corps, plaintiffs allege in their complaint, among other things, that the Corps failed to conduct an adequate analysis under the CWA of alternatives, failed to fully consider the effects of the South Pasture extension mine, failed to take adequate steps to minimize potential adverse impacts and

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violated the ESA by relying on the Service's biological opinion to determine that its permitting decision is not likely to adversely affect certain endangered or rare species. As to the Service, plaintiffs allege in their complaint, among other things, that the Service's biological opinion fails to meet statutory requirements, that the Service failed to properly consider impacts and adequately assess the cumulative effects on certain species, and that the Service violated the ESA in finding that the South Pasture extension mine is not likely to adversely affect certain endangered or rare species. The plaintiffs are seeking relief including (i) declarations that the Corps' decision to issue the permit violated the CWA, NEPA, the ESA and the APA and that its NEPA review violated the law; (ii) declarations that the Service's biological opinion violated applicable law and that the Corps' reliance on the biological opinion violated the ESA; (iii) orders that the Corps rescind the permit, that the Service withdraw its biological opinion and related analyses and prepare a biological opinion that complies with the ESA; and (iv) that the Corps be preliminarily and permanently enjoined from authorizing any further action under the permit until it complies fully with the requirements of the CWA, NEPA, the ESA and the APA. On March 31, 2017, Mosaic's motion for intervention was granted with no restrictions. Plaintiffs filed an amended complaint on June 2, 2017, without any new substantive allegations, and on June 28, 2017, Mosaic (as intervenor) and separately, the defendants, filed answers to the amended complaint. On June 30, 2017, the plaintiffs filed a motion for summary judgment, arguing that the permit should not have been issued. On July 15, 2017, Mosaic filed a response in opposition to the plaintiffs' motion, and on July 28, 2017, Mosaic filed its own motion for summary judgment. On December 14, 2017 the Tampa District Court granted Mosaic's motion for summary judgment in favor of Mosaic and the government defendants, and denied the plaintiffs' motion to supplement the administrative record. On February 12, 2018, the plaintiffs filed an appeal with the U.S. Court of Appeals for the Eleventh Circuit of the Tampa District Court decision.

We believe the plaintiffs' claims in this case are without merit and we intend to vigorously defend the Corps' issuance of the South Pasture extension permit and the Service's biological opinion. However, if the plaintiffs were to prevail in this case, we would be prohibited from continuing to mine the South Pasture extension, and obtaining new or modified permits could significantly delay our resumption of mining and could result in more onerous mining conditions. This could have a material effect on our future results of operations, reduce future cash flows from operations, and in the longer term, conceivably adversely affect our liquidity and capital resources.

MicroEssentials® Patent Lawsuit

On January 9, 2009, John Sanders and Specialty Fertilizer Products, LLC filed a complaint against Mosaic, Mosaic Fertilizer, LLC, Cargill, Incorporated and Cargill Fertilizer, Inc. in the United States District Court for the Western District of Missouri (the "***Missouri District Court***"). The complaint alleges that our production of MicroEssentials® SZ, one of several types of the MicroEssentials® value-added ammoniated phosphate crop nutrient products that we produce, infringes on a patent held by the plaintiffs since 2001 and which would expire in 2018. Plaintiffs have since asserted that other MicroEssentials® products also infringe the patent. Plaintiffs seek to enjoin the alleged infringement and to recover an unspecified amount of damages and attorneys' fees for past infringement. Our answer to the complaint responds that the plaintiffs' patent is not infringed, is invalid and is unenforceable because the plaintiffs engaged in inequitable conduct during the prosecution of the patent.

Through an order entered by the court on September 25, 2014, Cargill was dismissed as a defendant, and the two original plaintiffs were replaced by a single plaintiff, JLSMN LLC, an entity to whom the patents were transferred.

The Missouri District Court stayed the lawsuit pending an *ex parte* reexamination of plaintiff's current patent claims by the U.S. Patent and Trademark Office (the "***PTO***"). That *ex parte* reexamination has now ended. On September 12, 2012, however, Shell Oil Company ("***Shell***") filed an additional reexamination request which in part asserted that the claims as amended and added in connection with the *ex parte* reexamination are unpatentable. On October 4, 2012, the PTO issued an *Ex Parte* Reexamination Certificate in which certain claims of the plaintiff's patent were cancelled, disclaimed and amended, and new claims were added. Following the PTO's grant of Shell's request for an *inter partes* reexamination, on December 11, 2012, the PTO issued an initial rejection of all of plaintiff's remaining patent claims. On September 12, 2013, the PTO reversed its initial rejection of the plaintiff's remaining patent claims and allowed them to stand. Shell appealed the PTO's decision. On June 7, 2016, the Patent Trial and Appeal Board, the highest appellate authority within the PTO, issued a final decision holding that all claims initially allowed to the plaintiff by the PTO examiner should instead have been found invalid. On July 18, 2016, plaintiff appealed the Patent Trial and Appeal Board's decision to the United States Court of Appeals for the Federal Circuit. On November 8, 2017, the Federal Circuit Court of Appeals affirmed the Patent

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Trial and Appeal Board's decision, resulting in no remaining claims against us. On March 6, 2018, the plaintiff filed a petition for a writ of certiorari with the United States Supreme Court with respect to the November 8, 2017 ruling of the Federal Circuit Court of Appeals. The stay in the Missouri District Court litigation is expected to remain in place during the appellate proceedings.

We believe that the plaintiff's allegations are without merit and intend to defend vigorously against them. At this stage of the proceedings, we cannot predict the outcome of this litigation, estimate the potential amount or range of loss or determine whether it will have a material effect on our results of operations, liquidity or capital resources.

Brazil Legal Contingencies

Our Brazilian subsidiaries are engaged in a number of judicial and administrative proceedings regarding labor, environmental, and civil claims. We estimate that our maximum potential liability with respect to these claims is approximately \$1.4 billion, which refers to the claims' alleged aggregate damages. We estimate, that our probable aggregate loss with respect to these claims is approximately \$40 million.

Approximately \$741.8 million of the maximum potential liability relates to labor claims, such as in-house and third party employees' judicial proceedings alleging the right to receive overtime pay, additional payment due to work in hazardous conditions, risk premium, profit sharing, additional payment due to night work, salary parity and wage differences. We estimate that our probable aggregate loss regarding these claims is approximately \$32 million, which is included in accrued liabilities in our Condensed Consolidated Balance Sheets at March 31, 2018. Based on Brazil legislation and the current status of similar labor cases involving unrelated companies, we believe we have recorded adequate accruals. If the status of similar cases involving unrelated companies were to change in the future, our maximum exposure could increase and additional accruals could be required.

Approximately \$7.5 million of the above mentioned \$32 million reserves relates to a purported class action filed by one of the unions pleading additional payment for occupational hazard due to the alleged exposure of miners, who work at the Company's potash mine at Rosário do Catete, Sergipe, to explosive gases that could be found during the mining process. The matter currently is before the Brazilian Labor Supreme Court (TST); however, the rulings rendered by the previous courts were not in favor of the Company.

The environmental judicial and administrative proceedings claims allege aggregate damages and/or fines in excess of \$163.9 million; however, we estimate that our probably aggregate loss regarding these claims is approximately \$5.7 million, which has been accrued at March 31, 2018. The majority of the reserves relates to an execution action filed in 2012 by the State Public Prosecutor Office, to enforce the payment of fines due to a delay by the Company in complying with a commitment agreement provision for constructing an effluent treatment plant.

Our Brazilian subsidiaries also have certain other civil contingent liabilities with respect to judicial, administrative and arbitration proceedings and claims related to contract disputes, pension plan matters, real state disputes and other civil matters arising in the ordinary course of business. These claims allege aggregate damages in excess of \$508.9 million. We estimate that the probable aggregate loss with respect to these matters is approximately \$2.6 million. Approximately \$346.8 million of this maximum potential liability relates to a lawsuit, filed in 2016, by Fundação Petrobrás de Seguridade Social - Petros ("Petros"), seeking the payment of alleged actuarial debts regarding the Company's pension plan sponsorship. In February 2018, the court held that the claim was without merit due to the existence of an arbitration clause in the pension plan contract that was not observed by Petros.

Uberaba Judicial Settlement

In 2008, the federal public prosecutor filed a public civil action requesting the Company to adopt several measures to mitigate soil and water contamination related to the Gypstack operation at Uberaba, including compensation for alleged social and environmental damages. In 2014, our predecessor subsidiary in Brazil entered into a judicial settlement with the federal public prosecutor, the State of Minas Gerais public prosecutor and the federal environmental agency (IBAMA). Under this agreement, we agreed to implement remediation measures; promote the construction of a liner under the Gypstack water ponds and lagoons to provide a barrier between the ground and the impounded acidic water; perform additional monitoring of the groundwater and soil quality and act to assess and remediate in the event monitored off-site water and soil does not comply with applicable standards; create a private reserve of natural heritage and to pay compensation in the

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amount of approximately \$1.0 million. We are currently acting in compliance with our obligations under the judicial settlement and are expect them to be completed by December 31, 2023.

Uberaba EHS Class Action

In 2013, the public prosecutor filed a class action claiming that our predecessor company in Brazil should be compelled to comply with labor safety rules and respect the provisions related to working hours set in Brazilian legislation. This claim was based on an inspection conducted by the Labor and Employment Ministry in 2010, following which we were fined for not complying with several labor regulations. We filed our defense, claiming that we complied with labor regulations and that the assessment carried out by the inspectors in 2010 was abusive, requesting an expert examination to confirm the facts. Upon the initial hearing, the court determined to order an examination to determine whether there has been any non-compliance with labor regulations. The examination is currently pending. The amount involved in the proceeding is \$37 million.

Brazil Tax Contingencies

Our Brazilian subsidiaries are engaged in a number of judicial and administrative proceedings, including audits, relating to various non-income tax matters. We estimate that our maximum potential liability with respect to these matters is approximately \$392 million. Of that total, \$197 million is contractually required to be indemnified by Vale S.A.

Approximately \$284 million of the maximum potential liability relates to a Brazilian federal value added tax, PIS and Cofins, tax credit cases, while the majority of the remaining amount relates to various other non-income tax cases such as value-added taxes. The maximum potential liability can increase with new audits. Based on Brazil legislation and the current status of similar tax cases involving unrelated taxpayers, we believe we have recorded adequate accruals, which are immaterial, for the probable non-indemnified liability with respect to these Brazilian judicial and administrative proceedings. If the status of similar cases involving unrelated taxpayers changes in the future, additional accruals could be required.

Other Claims

We also have certain other contingent liabilities with respect to judicial, administrative and arbitration proceedings and claims of third parties, including tax matters, arising in the ordinary course of business. We do not believe that any of these contingent liabilities will have a material adverse impact on our business or financial condition, results of operations, and cash flows.

13. Accounting for Derivative Instruments and Hedging Activities

We periodically enter into derivatives to mitigate our exposure to foreign currency risks, interest rate movements and the effects of changing commodity prices. We record all derivatives on the Condensed Consolidated Balance Sheets at fair value. The fair value of these instruments is determined by using quoted market prices, third party comparables, or internal estimates. We net our derivative asset and liability positions when we have a master netting arrangement in place. Changes in the fair value of the foreign currency, commodity and freight derivatives are immediately recognized in earnings because we do not apply hedge accounting treatment to these instruments. As of March 31, 2018 and December 31, 2017, the gross asset position of our derivative instruments was \$8.1 million and \$15.6 million, respectively, and the gross liability position of our liability instruments was \$44.7 million and \$26.7 million, respectively. Due to the Acquisition, our foreign currency derivatives have increased in 2018.

We do not apply hedge accounting treatments to our foreign currency exchange contracts, commodities contracts, or freight contracts. Unrealized gains and (losses) on foreign currency exchange contracts used to hedge cash flows related to the production of our products are included in cost of goods sold in the Condensed Consolidated Statements of Earnings. Unrealized gains and (losses) on commodities contracts and certain forward freight agreements are also recorded in cost of goods sold in the Condensed Consolidated Statements of Earnings. Unrealized gains or (losses) on foreign currency exchange contracts used to hedge cash flows that are not related to the production of our products are included in the foreign currency transaction gain/(loss) caption in the Condensed Consolidated Statements of Earnings.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

We apply fair value hedge accounting treatment to our fixed-to-floating interest rate contracts. Under these arrangements, we agree to exchange, at specified intervals, the difference between fixed and floating interest amounts calculated by reference to an agreed-upon notional principal amount. The mark-to-market of these fair value hedges is recorded as gains or losses in interest expense. These fair value hedges are considered to be highly effective and, thus, as of March 31, 2018, the impact on earnings due to hedge ineffectiveness was immaterial. Consistent with Mosaic's intent to have floating rate debt as a portion of its outstanding debt, as of March 31, 2018 we held fixed-to-floating interest rate swap agreements related to our 4.25% senior notes due 2023.

As of March 31, 2018 and December 31, 2017, the following is the total absolute notional volume associated with our outstanding derivative instruments:

(in millions of Units)			March 31, 2018	December 31, 2017
Derivative Instrument	Derivative Category	Unit of Measure		
Foreign currency derivatives	Foreign currency	US Dollars	1,219.9	813.5
Interest rate derivatives	Interest rate	US Dollars	585.0	585.0
Natural gas derivatives	Commodity	MMbtu	54.1	43.0

Credit-Risk-Related Contingent Features

Certain of our derivative instruments contain provisions that are governed by International Swap and Derivatives Association agreements with the counterparties. These agreements contain provisions that allow us to settle for the net amount between payments and receipts, and also state that if our debt were to be rated below investment grade, certain counterparties could request full collateralization on derivative instruments in net liability positions. The aggregate fair value of all derivative instruments with credit-risk-related contingent features that were in a liability position as of March 31, 2018 and December 31, 2017, was \$34.2 million and \$15.0 million, respectively. We have no cash collateral posted in association with these contracts. If the credit-risk-related contingent features underlying these agreements were triggered on March 31, 2018, we would have been required to post \$33.1 million of collateral assets, which are either cash or U.S. Treasury instruments, to the counterparties.

Counterparty Credit Risk

We enter into foreign exchange and certain commodity and interest rate derivatives, primarily with a diversified group of highly rated counterparties. We continually monitor our positions and the credit ratings of the counterparties involved and limit the amount of credit exposure to any one party. While we may be exposed to potential losses due to the credit risk of non-performance by these counterparties, material losses are not anticipated. We closely monitor the credit risk associated with our counterparties and customers and to date have not experienced material losses.

14. Fair Value Measurements

Following is a summary of the valuation techniques for assets and liabilities recorded in our Condensed Consolidated Balance Sheets at fair value on a recurring basis:

Foreign Currency Derivatives-The foreign currency derivative instruments that we currently use are forward contracts and zero-cost collars, which typically expire within eighteen months. Most of the valuations are adjusted by a forward yield curve or interest rates. In such cases, these derivative contracts are classified within Level 2. Some valuations are based on exchange-quoted prices, which are classified as Level 1. Changes in the fair market values of these contracts are recognized in the Condensed Consolidated Financial Statements as a component of cost of goods sold in our Corporate, Eliminations and Other segment, or foreign currency transaction (gain) loss. As of March 31, 2018 and December 31, 2017, the gross asset position of our foreign currency derivative instruments was \$6.2 million and \$15.4 million, respectively, and the gross liability position of our foreign currency derivative instruments was \$11.9 million and \$6.5 million, respectively.

Commodity Derivatives-The commodity contracts primarily relate to natural gas. The commodity derivative instruments that we currently use are forward purchase contracts, swaps, and three-way collars. The natural gas contracts settle using NYMEX futures or AECO price indexes, which represent fair value at any given time. The contracts' maturities and

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

settlements are scheduled for future months and settlements are scheduled to coincide with anticipated gas purchases during those future periods. Quoted market prices from NYMEX and AECO are used to determine the fair value of these instruments. These market prices are adjusted by a forward yield curve and are classified within Level 2. Changes in the fair market values of these contracts are recognized in the Condensed Consolidated Financial Statements as a component of cost of goods sold in our Corporate, Eliminations and Other segment. As of March 31, 2018 and December 31, 2017, the gross asset position of our commodity derivative instruments was \$0.6 million and \$0.1 million, respectively, and the gross liability position of our commodity instruments was \$16.2 million and \$17.9 million, respectively.

Interest Rate Derivatives-We manage interest expense through interest rate contracts to convert a portion of our fixed-rate debt into floating-rate debt. We also enter into interest rate swap agreements to hedge our exposure to changes in future interest rates related to anticipated debt issuances. Valuations are based on external pricing sources and are classified as Level 2. Changes in the fair market values of these contracts are recognized in the Condensed Consolidated Financial Statements as a component of interest expense. As of March 31, 2018 and December 31, 2017, the gross asset position of our interest rate swap instruments was zero and \$0.1 million, respectively, and the gross liability position of our interest rate swap instruments was \$15.3 million and \$2.3 million, respectively.

Financial Instruments

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

	March 31, 2018		December 31, 2017	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Cash and cash equivalents	\$ 659.4	\$ 659.4	\$ 2,153.5	\$ 2,153.5
Receivables, net	708.4	708.4	642.6	642.6
Accounts payable	679.4	679.4	540.9	540.9
Structured accounts payable arrangements	426.7	426.7	386.2	386.2
Short-term debt ^(a)	71.8	71.8	6.1	6.1
Long-term debt, including current portion	5,073.9	5,219.2	5,221.6	5,431.8

(a) Includes approximately \$47 million related to a collateralized subsidy payment by the Government of India which was repaid in April 2018.

For cash and cash equivalents, receivables, net, accounts payable, structured accounts payable arrangements, and short-term debt, the carrying amount approximates fair value because of the short-term maturity of those instruments. The fair value of long-term debt, including the current portion, is estimated using quoted market prices for the publicly registered notes and debentures, classified as Level 1 and Level 2, respectively, within the fair value hierarchy, depending on the market liquidity of the debt.

15. Related Party Transactions

We enter into transactions and agreements with certain of our non-consolidated companies and other related parties from time to time. As of March 31, 2018 and December 31, 2017, the net amount due from (to) our non-consolidated companies totaled \$91.4 million and \$(45.4) million, respectively.

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The Condensed Consolidated Statements of Earnings included the following transactions with our non-consolidated companies:

	Three months ended	
	March 31,	
	2018	2017
Transactions with non-consolidated companies included in net sales	\$ 114.1	\$ 149.6
Transactions with non-consolidated companies included in cost of goods sold	203.7	162.3

As part of the Acquisition, we entered into various long-term supply agreements with Vale S.A. to provide sulfur, ammonia and phosphate rock for their Cubatao fertilizer business. These contracts are at market prices. We earned approximately \$1 million under these agreements in the three months ended March 31, 2018.

As part of the MWSPC joint venture, we market approximately 25% of the MWSPC production for which approximately \$1 million is included in revenue for the three months ended March 31, 2018.

In November 2015 we agreed to provide funds to finance the purchase and construction of two articulated tug and barge units, intended to transport anhydrous ammonia for our operations, through a bridge loan agreement with Gulf Marine Solutions, LLC (“**GMS**”). **GMS** is a wholly owned subsidiary of Gulf Sulphur Services Ltd., LLLP (“**Gulf Sulphur Services**”), an entity in which we and a joint venture partner, Savage Companies (“**Savage**”) each indirectly own a 50% equity interest and for which a subsidiary of Savage provides operating and management services. **GMS** provided these funds through draws on the Mosaic bridge loan, and through additional loans from Gulf Sulphur Services. We determined beginning in 2015 that we are the primary beneficiary of **GMS**, a variable interest entity, and at that time we consolidated **GMS**’s operations in our Phosphates segment.

On October 24, 2017, a lease financing transaction was completed with respect to the completed tug and barge unit, and following the application of proceeds from the transaction, all outstanding loans made by Gulf Sulphur Services to **GMS**, together with accrued interest, were repaid, and the bridge loans related to the first unit’s construction were repaid. At March 31, 2018 and December 31, 2017, \$74.5 million and \$73.2 million in bridge loans, respectively, which are eliminated in consolidation, were outstanding, relating to a cancelled second barge and the remaining tug. Reserves against the bridge loan of approximately \$54.2 million were recorded through December 31, 2017, and no additional charges have been recorded in 2018. The construction of the remaining tug, funded by the bridge loan advances in excess of the reserves, is recorded within construction in-progress within our consolidated balance sheet. Several subsidiaries of Savage operate vessels utilized by Mosaic under time charter arrangements, including the ammonia tug and barge unit.

16. Acquisition of Mosaic Fertilizantes P&K S.A.

On December 19, 2016, we entered into an agreement with Vale S.A. (“**Vale**”) and Vale Fertilizer Netherlands B.V. (“**Vale Netherlands**”) and, together with Vale and certain of its affiliates, the “**Sellers**”) to acquire all of the issued and outstanding capital stock of the now Acquired Business, for a purchase price of (i) \$1.25 billion in cash (subject to adjustments) and (ii) 42,286,874 shares of our Common Stock. The agreement was amended by a letter agreement dated December 28, 2017 to, among other things, reduce the cash portion of the purchase price to \$1.15 billion and the number of shares to be issued to 34,176,574.

On January 8, 2018 we completed the Acquisition. The aggregate consideration paid by Mosaic at closing was \$1.08 billion in cash (after giving effect to certain adjustments based on matters such as the working capital of the Acquired Business, which were estimated at the time of closing) and 34,176,574 shares of our Common Stock, par value \$0.01 per share (“**Common Stock**”) which was valued at \$26.92 per share at closing. The final purchase price is subject to determination of the actual working capital of the Acquired Business at closing, a fair value determination of potential contingent consideration of up to \$260 million, and evaluation of other consideration associated with assumed liabilities.

This acquisition allows us to expand our business in the fast-growing Brazilian agricultural market. Following the Acquisition, we are the leading fertilizer production and distribution company in Brazil. The assets we acquired include five Brazilian phosphate rock mines, four chemical plants, a potash mine in Brazil, the Sellers’ 40% economic interest in

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the joint venture which owns the Miski Mayo phosphate rock mine in the Bayovar region of Peru, in which we already held a 35% economic interest, and a potash project in Kronau, Saskatchewan.

On the closing date, we also entered into an investor agreement (“*Investor Agreement*”) with Vale and Vale Fertilizer Netherlands B.V. that governs certain rights of and restrictions on Vale, Vale Fertilizer Netherlands B.V. and their respective affiliates (the “*Vale Stockholders*”) in connection with the shares of our Common Stock they own as a result of the Acquisition. These include certain rights to designate two individuals to our board of directors. In connection with the closing of the Acquisition, our board of directors was increased by one director, with Vale designating a new director for appointment to the board. The Vale Stockholders are also subject to certain transfer and standstill restrictions. In addition, until the later of the third anniversary of the closing and the date on which our board of directors no longer includes any Vale designees, the Vale Stockholders will agree to vote their shares of our stock (i) with respect to the election of directors, in accordance with the recommendation of our board of directors and (ii) with respect to any other proposal or resolution, at their election, either in the same manner as and in the same proportion to all voting securities that are not beneficially held by the Vale Stockholders are voted, or in accordance with the recommendation of our board of directors. Also under the Investor Agreement, the Vale Stockholders will be entitled to certain demand and to customary piggyback registration rights, beginning on the second anniversary of the closing of the transaction.

As of March 31, 2018, the fair value allocation for the Acquisition is preliminary and will be finalized when the valuation and the related internal controls over financial reporting are completed. Differences between the preliminary and final allocation could be material. Our estimates and assumptions are subject to change during the measurement period (up to one year from the closing of the acquisition), as we finalize the accounting of the purchase price of the assets acquired and liabilities assumed. The primary areas of the purchase price allocation that are not yet finalized relate to property, plant and equipment, mineral reserves, goodwill, inventory, contingencies, AROs, indirect taxes and deferred income taxes. We continue to review the significant amount of data and assumptions used in these areas which could cause a reallocation of our purchase price. The following table is a preliminary allocation of the assets acquired and the liabilities we assumed in the Acquisition as of January 8, 2018, the date of the Acquisition:

Total current assets	\$ 602.8
Property, plant and equipment, net	2,364.9
Investments in nonconsolidated companies	6.6
Goodwill	92.0
Deferred income taxes	270.6
Other assets	427.1
Total assets acquired	<u>3,764.0</u>
Total current liabilities	476.4
Other noncurrent liabilities	834.7
Total liabilities assumed	<u>1,311.1</u>
Net identifiable assets acquired	2,452.9
Noncontrolling interest	(462.9)
Working capital adjustments	10.0
Cash and cash equivalents acquired	(86.1)
Total consideration transferred (net of cash acquired)	<u>\$ 1,913.9</u>

Recognized goodwill is attributable to the Miski Mayo portion of the Acquisition and is reflected in the Phosphates segment.

Mosaic gained control of the Miski Mayo mine through the acquisition of the Seller’s 40% economic interest, for a total ownership interest of 75%, and began to consolidate the operations of Miski Mayo effective as of the closing date of the Acquisition. This was accounted for as a step acquisition and required us to remeasure the previously owned equity interest to fair value as of the acquisition date. Their balances are shown in the respective line items above.

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As part of the Acquisition, a Brazilian company, Terras Brasil Ltda (“Brazil Landco”), was incorporated for the purpose of owning and transferring control of certain property from the Sellers to Mosaic. Brazil Landco is 51% owned by Vale S.A. or one of its subsidiaries and 49% owned by Mosaic. Mosaic is the primary beneficiary of Brazil Landco, a variable interest entity, and began to consolidate its operations effective as of the closing date of the Acquisition.

We recognized approximately \$30.3 million and \$2.5 million of acquisition and integration costs that were expensed during the three months ended March 31, 2018 and 2017, respectively. These costs are included within other operating expense in the Condensed Consolidated Statement of Earnings.

The Acquisition contributed revenues of \$264.5 million and net earnings of \$29.1 million from January 8, 2018 through March 31, 2018, excluding the effects of the acquisition and integration costs described above.

The following unaudited pro forma information presents the combined results of Mosaic and the acquired entities as if Mosaic had completed the Acquisition on January 1, 2017. As required by GAAP, these unaudited pro forma results do not reflect any cost saving synergies from operating efficiencies. Accordingly, these unaudited pro forma results are presented for informational purposes only and are not necessarily indicative of what the actual results of operations of the combined companies would have been had the Acquisition occurred at the beginning of the period being presented, nor are they indicative of future results of operations.

	Three months ended
	March 31,
	2017
Net sales	\$ 1,824.3
Net earnings attributable to Mosaic	\$ (37.6)
Basic net earnings per share attributable to Mosaic	\$ (0.10)
Diluted net earnings per share attributable to Mosaic	\$ (0.10)

17. Business Segments

The reportable segments are determined by management based upon factors such as products and services, production processes, technologies, market dynamics, and for which segment financial information is available for our chief operating decision maker.

For a description of our business segments see Note 1 to the Condensed Consolidated Financial Statements in this report. We evaluate performance based on the operating earnings of the respective business segments, which includes certain allocations of corporate selling, general and administrative expenses. The segment results may not represent the actual results that would be expected if they were independent, stand-alone businesses. Intersegment eliminations, including profit on intersegment sales, mark-to-market gains/losses on derivatives, debt expenses, Streamsong Resort® results of operations and the results of the China and India distribution businesses are included within Corporate, Eliminations and Other.

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Segment information for the three months ended March 31, 2018 and 2017 was as follows:

	Phosphates	Potash	Mosaic Fertilizantes	Corporate, Eliminations and Other (a)	Total
Three months ended March 31, 2018					
Net sales to external customers	\$ 764.2	\$ 401.5	\$ 665.3	\$ 102.7	\$ 1,933.7
Intersegment net sales	101.7	2.2	—	(103.9)	—
Net sales	865.9	403.7	665.3	(1.2)	1,933.7
Gross margin	96.5	102.4	59.2	(16.0)	242.1
Canadian resource taxes	—	26.3	—	—	26.3
Gross margin (excluding Canadian resource taxes)	96.5	128.7	59.2	(16.0)	268.4
Operating earnings (loss)	60.0	73.8	8.8	(61.9)	80.7
Depreciation, depletion and amortization expense	99.3	75.6	37.2	5.4	217.5
Capital expenditures	100.2	103.8	17.9	1.4	223.3
Three months ended March 31, 2017					
Net sales to external customers	\$ 670.9	\$ 410.2	\$ 427.2	\$ 69.8	\$ 1,578.1
Intersegment net sales	168.2	3.9	—	(172.1)	—
Net sales	839.1	414.1	427.2	(102.3)	1,578.1
Gross margin	56.5	69.4	18.3	(14.6)	129.6
Canadian resource taxes	—	23.3	—	—	23.3
Gross margin (excluding Canadian resource taxes)	56.5	92.7	18.3	(14.6)	152.9
Operating earnings (loss)	16.7	35.8	4.6	(27.0)	30.1
Depreciation, depletion and amortization expense	79.8	68.4	4.4	6.2	158.8
Capital expenditures	103.4	105.5	8.4	6.5	223.8
Total Assets					
As of March 31, 2018	\$ 8,258.6	\$ 8,086.6	\$ 4,329.9	\$ (222.8)	\$ 20,452.3
As of December 31, 2017	7,700.6	8,301.7	1,376.7	1,254.4	18,633.4

(a) The “Corporate, Eliminations and Other” category includes the results of our ancillary distribution operations in India and China. Distribution operations in India and China had revenues and gross margin of \$89.4 million and \$10.1 million, respectively, for the three months ended March 31, 2018 and \$60.1 million and \$9.4 million, respectively, for the three months ended March 31, 2017.

THE MOSAIC COMPANY
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Financial information relating to our operations by geographic area is as follows:

<i>(in millions)</i>	Three Months Ended March 31,	
	2018	2017
<i>Net sales^(a):</i>		
Brazil	\$ 688.6	\$ 42
Canada	126.1	8
Canpotex ^(b)	110.6	14
Australia	83.9	6
China	62.9	4
Mexico	59.0	3
India	32.3	1
Japan	28.5	1
Colombia	26.4	2
Chile	15.7	
Paraguay	14.5	2
Peru	11.5	1
Thailand	8.0	
Argentina	6.8	
Malaysia	5.9	
Honduras	5.7	
Other	16.3	1
Total international countries	1,302.7	93
United States	631.0	64
Consolidated	<u>\$ 1,933.7</u>	<u>\$ 1,57</u>

^(a) Revenues are attributed to countries based on location of customer.

^(b) The export association of the Saskatchewan potash producers.

Net sales by product type for the three months ended March 31, 2018 and 2017 are as follows:

<i>(in millions)</i>	Three Months Ended March 31,	
	2018	2017
<i>Sales by product type:</i>		
Phosphate Crop Nutrients	\$ 636.9	\$ 457.3
Potash Crop Nutrients	463.3	423.2
Crop Nutrient Blends	268.4	288.8
Specialty Products ^(a)	374.5	316.8
Phosphate Rock	21.8	—
Other ^(b)	168.8	92.0
	<u>\$ 1,933.7</u>	<u>\$ 1,578.1</u>

^(a) Includes sales of MicroEssentials®, K-Mag and animal feed ingredients.

^(b) Includes sales of industrial potash.

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

The following Management’s Discussion and Analysis of Financial Condition and Results of Operations should be read in conjunction with the material under the heading "Management’s Discussion and Analysis of Financial Condition and Results of Operations" included in the Annual Report on Form 10-K of The Mosaic Company filed with the Securities and Exchange Commission for the year ended December 31, 2017 (the “*10-K Report*”) and the material under Item 1 of Part I of this report.

Throughout the discussion below, we measure units of production, sales and raw materials in metric tonnes, which are the equivalent of 2,205 pounds, unless we specifically state we mean long ton(s), which are the equivalent of 2,240 pounds. In the following tables, there are certain percentages that are not considered to be meaningful and are represented by "NM".

Results of Operations

The following table shows the results of operations for the three months ended March 31, 2018 and 2017:

(in millions, except per share data)	Three months ended		2018-2017	
	March 31, 2018	March 31, 2017	Change	Percent
Net sales	\$ 1,933.7	\$ 1,578.1	\$ 355.6	23%
Cost of goods sold	1,691.6	1,448.5	243.1	17%
Gross margin	242.1	129.6	112.5	87%
Gross margin percentage	13%	8%		
Selling, general and administrative expenses	93.6	80.9	12.7	16%
Other operating expense	67.8	18.6	49.2	NM
Operating earnings	80.7	30.1	50.6	168%
Interest expense, net	(49.4)	(25.8)	(23.6)	91%
Foreign currency transaction (loss) gain	(32.2)	8.9	(41.1)	NM
Other expense	(5.6)	(4.5)	(1.1)	24%
(Loss) earnings from consolidated companies before income taxes	(6.5)	8.7	(15.2)	NM
(Benefits from) provision for income taxes	(49.9)	9.7	(59.6)	NM
Earnings (loss) from consolidated companies	43.4	(1.0)	44.4	NM
Equity in net loss of nonconsolidated companies	(3.3)	(0.1)	(3.2)	NM
Net earnings (loss) including noncontrolling interests	40.1	(1.1)	41.2	NM
Less: Net loss attributable to noncontrolling interests	(2.2)	(0.2)	(2.0)	NM
Net earnings (loss) attributable to Mosaic	\$ 42.3	\$ (0.9)	\$ 43.2	NM
Diluted net earnings per share attributable to Mosaic	\$ 0.11	\$ 0.00	\$ 0.11	NM
Diluted weighted average number of shares outstanding	384.1	350.5		

Overview of Consolidated Results for the three months ended March 31, 2018 and 2017

Net sales were \$1.9 billion for the three months ended March 31, 2018, compared to \$1.6 billion in the prior year period. Net sales benefited by approximately \$240 million as a result of the acquisition of Vale Fertilizantes S.A. (the “*Acquisition*”) discussed below. Net earnings attributable to Mosaic for the three months ended March 31, 2018 were \$42.3 million, or \$0.11 per diluted share, compared to net loss of \$0.9 million, or \$0.00 per diluted share, for the year ago period. The current period net earnings were positively impacted by a discrete income tax benefit of \$48 million or \$0.13 per diluted share primarily related to the U.S. Tax Cuts and Jobs Act (“*The Act*”), and negatively impacted by expense of \$20 million related to a refinement of our weighted average inventory costing, or \$(0.04) per diluted share, and by \$46 million of other operating expenses primarily related to the Acquisition, or \$(0.09) per diluted share. Also included in current period results are foreign currency transaction losses of \$32 million, or \$(0.06) per diluted share, and unrealized losses on derivatives of \$12 million, or \$(0.02) per diluted share.

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During the three months ended March 31, 2017 our results were negatively impacted by a discrete income tax expense of \$8.9 million, or \$(0.03) per diluted share, partially offset by a foreign currency transaction gain of \$8.9 million, or \$0.02 per diluted share.

Significant factors affecting our results of operations and financial condition are listed below. Certain of these factors are discussed in more detail in the following sections of this Management's Discussion and Analysis of Financial Condition and Results of Operations.

On January 8, 2018, we completed our acquisition (the "**Acquisition**") of Vale Fertilizantes S.A. (now known as Mosaic Fertilizantes P&K S.A. or the "**Acquired Business**"). The aggregate consideration paid by us at closing was \$1.08 billion in cash (after giving effect to certain adjustments based on matters such as the working capital and indebtedness balances of the Acquired Business, which were estimated at the time of closing) and 34,176,574 shares of our Common Stock, par value \$0.01 per share. The assets we acquired include five Brazilian phosphate rock mines; four chemical plants; a potash mine in Brazil; an additional 40% economic interest in the Miski Mayo phosphate rock mine in the Bayovar region of Peru, which increased our aggregate interest to 75%; and a potash project in Kronau, Saskatchewan.

Upon completion of the Acquisition, we became the leading fertilizer producer and distributor in Brazil. To reflect the fact that our Brazilian business is no longer strictly a distribution business and also the significance of our investment in the Brazilian business, we realigned our business segments effective as of January 1, 2018 (the "**Realignment**"). The new segment is called Mosaic Fertilizantes and includes the operations of Brazil and Paraguay. The results of the Miski Mayo Mine are consolidated in our Phosphates segment. The results of our existing China and India distribution businesses, which were previously reported in our International Distribution segment, were moved into the Corporate, Eliminations and Other category. These changes were effective during the first quarter of 2018 as this is how our chief operating decision maker began viewing and evaluating our operations. The Corporate, Eliminations, and Other category now includes the results of the China and India distribution businesses, Streamsong Resort® results of operations, intersegment eliminations, mark-to-market gains/losses on derivatives and debt expenses. Our operating results for the quarter ended March 31, 2017 have been recast to reflect the Realignment.

In addition to the items noted above, our operating results for the three months ended March 31, 2018 were favorably impacted by an increase in the average selling price of potash in the current year period compared to the same period in the prior year. Selling prices have trended upward over the past year due to an increase in global demand. We also had a favorable impact from higher potash production levels in the current year as we had unplanned down time in the prior year. These favorable impacts were partially offset by lower sales volumes in the current year period as a result of a change in the Canpotex revenue recognition policy, logistical challenges, including under performance of Canadian rail providers, and a delay in the spring season in North America.

Operating results were also favorably impacted by an increase in phosphates selling prices compared to the same period in the prior year. Increased selling prices in the current year period were a reflection of higher raw material costs as well as a delay in new capacity coming online. The benefits from the increase in selling prices was partially offset by lower sales volumes of finished product in the current year due to a delay in the spring season in North America, logistics challenges and the temporary idling of our Plant City, Florida phosphates manufacturing facility. Raw material costs also increased in the current year compared to the prior year period.

For the three months ended March 31, 2018, operating results were also favorably impacted by an increase in sales volumes of approximately \$240 million related to the operations of Acquired Business.

Subsequent to quarter end, in May 2018, we prepaid \$100 million against our outstanding term loan.

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Phosphates Net Sales and Gross Margin

The following table summarizes the Phosphates segment's net sales, gross margin, sales volume, selling prices and raw material prices:

(in millions, except price per tonne or unit)	Three months ended		2018-2017	
	March 31,		Change	Percent
	2018	2017		
Net sales:				
North America	\$ 463.5	\$ 468.7	\$ (5.2)	(1)%
International	402.4	370.4	32.0	9 %
Total	865.9	839.1	26.8	3 %
Cost of goods sold	769.4	782.6	(13.2)	(2)%
Gross margin	\$ 96.5	\$ 56.5	\$ 40.0	71 %
Gross margin as a percentage of net sales	11%	7%		
Sales volumes ^(a) (in thousands of metric tonnes)				
DAP/MAP	1,295	1,486	(191)	(13)%
Specialty ^(b)	650	786	(136)	(17)%
Total finished product tonnes	1,945	2,272	(327)	(14)%
Rock	360	—	360	NM
Total Phosphates Segment Tonnes ^(a)	2,305	2,272	33	1 %
Realized prices (\$/tonne)				
Average finished product selling price (destination)	\$ 431	\$ 369	\$ 62	17 %
Average rock selling price (destination) ^(a)	\$ 79	\$ —	\$ 79	NM
Average cost per unit consumed in cost of goods sold:				
Ammonia (metric tonne)	\$ 344	\$ 285	\$ 59	21 %
Sulfur (long ton)	\$ 128	\$ 87	\$ 41	47 %
Blended rock (metric tonne)	\$ 55	\$ 59	\$ (4)	(7)%
Production volume (in thousands of metric tonnes) - North America	2,045	2,303	(258)	(11)%

^(a) Includes intersegment sales volumes.

^(b) Includes sales volumes of MicroEssentials® and animal feed ingredients.

Three months ended March 31, 2018 and 2017

The Phosphates segment's net sales were \$865.9 million for the three months ended March 31, 2018, compared to \$839.1 million for the three months ended March 31, 2017. The increase in net sales was due to higher average sales prices in the current year period which resulted in increased net sales of approximately \$90 million, partially offset by lower sales volumes which decreased net sales by approximately \$80 million. Sales of phosphate rock from the Miski Mayo mine also contributed approximately \$30 million to net sales for the three months ended March 31, 2018. We began consolidating the Miski Mayo results in the current year period due to the additional 40% economic interest acquired in the Acquisition, which increased our aggregate ownership interest to 75%.

Our average finished product selling price was \$431 per tonne for the three months ended March 31, 2018, an increase of 17% from the same period a year ago due to the factors discussed in the Overview.

The Phosphates segment's sales volumes of finished products decreased by 14% for the three months ended March 31, 2018, compared to the same period in the prior year due to the factors discussed in the Overview. This was partially offset by our consolidation of phosphate rock sales volumes from the Miski Mayo mine.

Gross margin for the Phosphates segment increased to \$96.5 million for the three months ended March 31, 2018, from \$56.5 million for the three months ended March 31, 2017. Higher average prices contributed approximately \$90 million to the increase in gross margin. In addition, gross margin in the current year period was favorably impacted by approximately

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\$10 million due to the net impact of lower turnaround costs partially offset by costs related to the temporary idling of our Plant City, Florida phosphate manufacturing facility. The current period gross margin was negatively impacted by higher raw material costs which were unfavorable compared to the prior year by approximately \$40 million as discussed further below. We also had an unfavorable impact of approximately \$15 million related to a refinement made during the current quarter to our weighted average inventory costing.

The average consumed price for ammonia for our North American operations increased to \$344 per tonne for the three months ended March 31, 2018, from \$285 in the same period a year ago. The average consumed sulfur price for our North American operations increased to \$128 per long ton for the three months ended March 31, 2018, from \$87 in the same period a year ago. The purchase prices of these raw materials are driven by global supply and demand. The consumed ammonia and sulfur prices also include transportation, transformation, and storage costs. A portion of our ammonia is purchased under a long-term natural gas based pricing ammonia supply agreement. The average consumed cost of purchased and produced phosphate rock decreased to \$55 per tonne for the three months ended March 31, 2018, compared to \$59 per tonne for the three months ended March 31, 2017.

The Phosphates segment's production of crop nutrient dry concentrates and animal feed ingredients decreased 11% to 2.0 million tonnes for the three months ended March 31, 2018, from 2.3 million tonnes in the prior year period, primarily due to the temporary idling of our Plant City, Florida facility. For the three months ended March 31, 2018, our operating rate for processed phosphate production increased to 84%, excluding Plant City capacity which was not considered available capacity, compared to 79% in the same period of the prior year.

For the three months ended March 31, 2018, our North American phosphate rock production was 4.1 million tonnes compared to 3.5 million tonnes for the same period of the prior year. The increase from the prior year was due to mining areas of higher rock grade in addition to increases in operating factors across several of the mines. We generally manage our rock production consistent with our long-term mine plans.

Potash Net Sales and Gross Margin

The following table summarizes the Potash segment's net sales, gross margin, sales volume and selling price:

(in millions, except price per tonne or unit)	Three months ended		2018-2017	
	2018	2017	Change	Percent
Net sales:				
North America	\$ 280.2	\$ 253.9	\$ 26.3	10 %
International	123.5	160.2	(36.7)	(23)%
Total	403.7	414.1	(10.4)	(3)%
Cost of goods sold	301.3	344.7	(43.4)	(13)%
Gross margin	\$ 102.4	\$ 69.4	\$ 33.0	48 %
Gross margin as a percentage of net sales	25%	17%		
Sales volume ^(a) (in thousands of metric tonnes)				
MOP	1,551	1,832	(281)	(15)%
Specialty ^(b)	139	141	(2)	(1)%
Total Potash Segment Tonnes	1,690	1,973	(283)	(14)%
Realized prices (\$/tonne)				
Average finished product selling price (destination)	\$ 239	\$ 210	\$ 29	14 %
Production volume (in thousands of metric tonnes)	2,275	2,048	227	11 %

^(a) Includes intersegment sales volumes.

^(b) Includes sales volumes of K-mag and animal feed ingredients.

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Three months ended March 31, 2018 and 2017

The Potash segment's net sales decreased to \$403.7 million for the three months ended March 31, 2018, compared to \$414.1 million in the same period a year ago. The decrease was due to lower sales volumes that resulted in decreased net sales of approximately \$40 million, partially offset by higher selling prices, which had a favorable impact on net sales of approximately \$30 million.

Our average selling price was \$239 per tonne for the three months ended March 31, 2018, compared to \$210 for the same period a year ago, as a result of the factors described in the Overview. We expect our international sales volumes to increase as a percentage of total sales throughout the remainder of 2018 causing lower average selling prices.

The Potash segment's sales volumes decreased to 1.7 million tonnes for the three months ended March 31, 2018, compared to 2.0 million tonnes in the same period a year ago due to the factors discussed in the Overview.

Gross margin for the Potash segment increased to \$102.4 million for the three months ended March 31, 2018, from \$69.4 million in the same period of the prior year. Gross margin was favorably impacted by approximately \$30 million due to the increase in average selling prices and by approximately an additional \$30 million due to the effects of operating more efficiently at higher levels of production. These favorable impacts were partially offset by approximately \$10 million in unfavorable foreign exchange impacts due to the weakening of the U.S. Dollar against the Canadian Dollar, a decrease of \$10 million due to lower sales volumes, and a decrease of \$10 million related to increased production costs associated with higher tonnage.

We had expense of \$26.3 million from Canadian resource taxes for the three months ended March 31, 2018, compared with expense of \$23.3 million in the same period a year ago. Royalty expense increased to \$8.3 million for the three months ended March 31, 2018, compared to \$5.1 million for the three months ended March 31, 2017. These taxes increased due to higher profitability and production levels in the current year.

We incurred \$39.2 million in expenses, including depreciation on brine assets, at our Esterhazy mine during the three months ended March 31, 2018, compared to \$39.3 million for the three months ended March 31, 2017. We have been effectively managing the brine inflows at Esterhazy since 1985, and from time to time we experience changes to the amounts and patterns of brine inflows. Inflows continue to be within the range of our historical experience. Brine inflow expenditures continue to reflect the cost of addressing changing inflow patterns, including inflows from below our mine workings, which can be more complex and costly to manage, as well as costs associated with horizontal drilling. The mine has significant brine storage capacity. Depending on inflow rates, pumping and disposal rates, and other variables, the volume of brine stored in the mine may change significantly from period to period. In general, the higher the level of brine stored in the mine, the less time available to mitigate new or increased inflows that exceed our capacity for pumping or disposal of brine outside the mine, and therefore the less time to avoid flooding and/or loss of the mine. Our past investments in remote injection and increased pumping capacities facilitate our management of the brine inflows and the amount of brine stored in the mine.

For the three months ended March 31, 2018, potash production was 2.3 million tonnes compared to 2.0 million tonnes for the prior year period. Our operating rate for potash production was 87% for the current year period, primarily due to higher production at our Esterhazy mine which was impacted by unplanned downtime in the prior year due to a mechanical skip failure. In the prior year period, our operating rate was 83%.

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Mosaic Fertilizantes Net Sales and Gross Margin

The following table summarizes the Mosaic Fertilizantes segment's net sales, gross margin, sales volume and selling price. The prior year activity reflects our former International Distribution segment less our China and India distribution activity, which is now being reported in Corporate, Eliminations and Other.

(in millions, except price per tonne or unit)	Three months ended		2018-2017	
	March 31,		Change	Percent
	2018	2017		
Net Sales	\$ 665.3	\$ 427.2	\$ 238.1	56 %
Cost of goods sold	606.1	408.9	197.2	48 %
Gross margin	\$ 59.2	\$ 18.3	\$ 40.9	NM
Gross margin as a percent of net sales	9%	4%		
Sales volume (in thousands of metric tonnes)				
Phosphate produced in Brazil	427	50	377	NM
Potash produced in Brazil	99	—	99	NM
Purchased nutrients	1,058	1,089	(31)	(3)%
Total Mosaic Fertilizantes Segment Tonnes	1,584	1,139	445	39 %
Realized prices (\$/tonne)				
Average finished product selling price (destination)	\$ 420	\$ 375	\$ 45	12 %
Purchases ('000 tonnes)				
DAP/MAP from Mosaic	70	169	(99)	(59)%
MicroEssentials® from Mosaic	182	314	(132)	(42)%
Potash from Mosaic/Canpotex	389	408	(19)	(5)%
Production volume (in thousands of metric tonnes)	987	—	987	NM

Three months ended March 31, 2018 and 2017

The Mosaic Fertilizantes segment's net sales increased to \$665.3 million for the three months ended March 31, 2018, from \$427.2 million in the same period a year ago. The increase in net sales was due to approximately \$240 million of net sales from the acquired Vale business during the three months ended March 31, 2018.

The average finished product selling price increased to \$420 per tonne in the current year quarter compared \$375 per tonne in the prior year period due to the influence of higher raw material costs.

The Mosaic Fertilizantes segment's sales volume of 1.6 million tonnes increased 39% for the three months ended March 31, 2018 compared to same period of 2017. This increase is due primarily to the sales volumes from the acquired business partially offset by a decrease in the distribution business due to a decrease in sales of blends.

Total gross margin for the three months ended March 31, 2018, increased to \$59.2 million from \$18.3 million in the prior year period, driven by approximately \$200 million of gross margin attributable to the increased sales volumes discussed above. This was substantially offset by raw material costs and conversion costs of approximately \$150 million and depreciation expense of \$30 million related to the acquired business. Gross margin was also favorably impacted by approximately \$30 million related to the effects of the purchase price fair market value adjustment of acquired inventory, primarily on rock. This impact will diminish going forward in 2018.

The average consumed price for ammonia for our Brazilian operations was \$407 per tonne for the three months ended March 31, 2018. The average consumed sulfur price for our Brazilian operations was \$204 per long ton for the three months ended March 31, 2018. The consumed ammonia and sulfur prices also include transportation, transformation, and storage costs.

Corporate, Eliminations and Other

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In addition to our three operating segments, we assign certain costs to Corporate, Eliminations and Other, which is presented separately in Note 17 to our Notes to Condensed Consolidated Financial Statements. As part of the Realignment, during the first quarter of 2018, the results of the China and India distribution business, which had previously been reported in our International Distribution segment, were moved into the Corporate, Eliminations and Other category. Corporate, Eliminations and Other includes the results of the China and India distribution businesses, intersegment eliminations, including profit on intersegment sales, unrealized mark-to-market gains and losses on derivatives, debt expenses and Streamsong Resort® results of operations. Our operating results for the quarter ended March 31, 2017 have been recast to reflect the Realignment.

For the three months ended March 31, 2018, gross margin for Corporate, Eliminations and Other was a loss of \$16.0 million, compared to a loss of \$14.6 million for the same period in the prior year. The change was driven by a net unrealized loss of \$12.2 million in the current year period, primarily on foreign currency derivatives, compared to a net unrealized gain of \$0.6 million in the prior year period. This was partially offset by a lower elimination of profit on intersegment sales in 2018 which contributed an increase of approximately \$8 million to gross margin. Distribution operations in India and China had revenues and gross margin of \$89.4 million and \$10.1 million, respectively, for the three months ended March 31, 2018 and \$60.1 million and \$9.4 million, respectively, for the three months ended March 31, 2017.

Other Income Statement Items

(in millions)	Three months ended		2018-2017	
	March 31,		Change	Percent
	2018	2017		
Selling, general and administrative expenses	\$ 93.6	\$ 80.9	\$ 12.7	16%
Other operating expense	67.8	18.6	49.2	NM
Interest (expense)	(58.5)	(32.9)	(25.6)	78%
Interest income	9.1	7.1	2.0	28%
Interest expense, net	(49.4)	(25.8)	(23.6)	91%
Foreign currency transaction (loss) gain	(32.2)	8.9	(41.1)	NM
Other expense	(5.6)	(4.5)	(1.1)	24%
(Benefits from) provision for income taxes	(49.9)	9.7	(59.6)	NM
Equity in net loss of nonconsolidated companies	(3.3)	(0.1)	(3.2)	NM

Selling, General and Administrative Expenses

For the three months ended March 31, 2018, selling, general and administrative expenses were \$93.6 million, compared to \$80.9 million for the same period of the prior year. Approximately \$8 million of the increase in the current year period is due to the operations of the Acquired Business and approximately \$4 million is related to higher incentive expense in the current year.

Other Operating (Income) Expense

For the three months ended March 31, 2018, we had other operating expense of \$67.8 million, compared to \$18.6 million for the same period in the prior year. The three-month period ended March 31, 2018 includes \$26 million of fees and integration costs related to the Acquisition, and \$16 million of costs incurred to capture future synergies associated with the businesses acquired from Vale. The three months ended March 31, 2017, included approximately \$3 million of professional services costs for the Acquisition and approximately \$3 million related to liquidated damages provision of our ammonia supply agreement with CF Industries, Inc. due to a delay in the availability of a specialized tug and barge unit to transport the ammonia.

Interest Expense, Net

Interest expense increased to \$49.4 million for the three months ended March 31, 2018 compared to \$25.8 million for the three months ended March 31, 2017. The increase was due to higher debt levels and lower capitalized interest in the current year period. The prior year also included approximately \$4 million related to a gain on interest rate swaps.

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Foreign Currency Transaction Gain (Loss)

For the three months ended March 31, 2018, we recorded foreign currency transaction losses of \$32.2 million compared with a gain of \$8.9 million in the same period of the prior year. For the three months ended March 31, 2018, the loss was primarily the result of the effect of the strengthening of the U.S. dollar relative to the Canadian dollar on significant U.S. denominated intercompany loans and strengthening of the U.S. dollar relative to the Brazilian real on significant U.S. dollar-denominated payables held by our Brazilian subsidiaries.

For the three months ended March 31, 2017, the gain was mainly the result of the effect of the weakening of the U.S. dollar relative to the Canadian dollar on significant U.S. dollar denominated intercompany loans.

Provision for (Benefit from) Income Taxes

Three months ended	Effective Tax Rate	Provision for (Benefit from) Income Taxes
March 31, 2018	767.7%	\$ (49.9)
March 31, 2017	111.5%	9.7

Income tax expense was a benefit of \$49.9 million and the effective tax rate was 767.7% for the three months ended March 31, 2018.

For the three months ended March 31, 2018, tax expense specific to the period was a benefit of approximately \$48.0 million. This consisted primarily of a partial release of \$57.0 million of valuation allowances as a result of revisions to provisional estimates related to The Act. This was partially offset by a share-based excess cost of \$1.6 million, a change in AMT refunds of \$2.0 million, and changes in estimates related to prior years of \$3.8 million. In addition to items specific to the period, our income tax rate is impacted by the mix of earnings across the jurisdictions in which we operate, by a benefit associated with depletion, and by the impact of certain entities being taxed in both foreign jurisdictions and the US including foreign tax credits for various taxes incurred.

2017 Impacts of the Tax Cuts and Jobs Act

On December 22, 2017, The Act was enacted, significantly altering U.S. corporate income tax law. The SEC issued Staff Accounting Bulletin 118, which allows companies to record reasonable estimates of enactment impacts where all of the underlying analysis and calculations are not yet complete ("*Provisional Estimates*"). The Provisional Estimates must be finalized within a one year measurement period.

Mosaic recorded its Provisional Estimates relating to The Act in the period ending December 31, 2017. The revisions recorded this period are still considered provisional estimates and may differ, possibly materially, due to, among other things, changes in interpretations and assumptions the Company has made, guidance that may be issued, and actions the Company may take as a result of The Act.

For the three months ended March 31, 2017, tax expense specific to the period included an expense of \$8.9 million, which primarily related to share-based excess cost. In addition to items specific to the period, our income tax rate is impacted by the mix of earnings across the jurisdictions in which we operate and by a benefit associated with depletion.

Critical Accounting Estimates

The Condensed Consolidated Financial Statements are prepared in conformity with U.S. GAAP. In preparing the Condensed Consolidated Financial Statements, we are required to make various judgments, estimates and assumptions that could have a significant impact on the results reported in the Condensed Consolidated Financial Statements. We base these estimates on historical experience and other assumptions believed to be reasonable by management under the circumstances. Changes in these estimates could have a material effect on our Condensed Consolidated Financial Statements.

The basis for our financial statement presentation, including our significant accounting estimates, is summarized in Note 2 to the Condensed Consolidated Financial Statements in this report. A summary description of our significant accounting policies is included in Note 2 to the Consolidated Financial Statements in our 10-K Report. Further detailed information regarding our critical accounting estimates is included in Management's Discussion and Analysis of Results of Operations and Financial Condition in our 10-K Report.

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Liquidity and Capital Resources

As of March 31, 2018, we had cash and cash equivalents of \$0.7 billion, plus marketable securities held in trust to fund future obligations of \$0.6 billion, long-term debt, including current maturities, of approximately \$5.1 billion, and stockholders' equity of approximately \$10.7 billion. We have a target liquidity buffer of \$2.5 billion, including cash and available committed credit lines. We also target debt leverage ratios that are consistent with investment grade credit ratings. Our capital allocation priorities include maintaining our investment grade ratings and financial strength, sustaining our assets, including ensuring the safety and reliability of our assets, investing to grow our business either through organic growth or taking advantage of strategic opportunities and returning excess cash to shareholders, including paying our dividend. During the three months ended March 31, 2018, we completed the Acquisition. The cash paid at closing was \$1.08 billion (adjusted based on matters such as the estimated working capital of Vale Fertilizantes at the time of closing). We funded this amount with the proceeds of a \$1.25 billion public debt offering that was completed in November 2017. The remainder was used to pay transaction costs and expenses and to fund the majority of the \$200 million that we prepaid against our outstanding term loan in January 2018. We also invested \$223.3 million in capital expenditures during the three months ended March 31, 2018.

Funds generated by operating activities, available cash and cash equivalents, and our credit facilities continue to be our most significant sources of liquidity. We believe funds generated from the expected results of operations and available cash, cash equivalents and borrowings under our credit facilities, as needed, will be sufficient to finance our operations, including our capital expenditures, existing strategic initiatives and expected dividend payments, for the next 12 months. There can be no assurance, however, that we will continue to generate cash flows at or above current levels. At March 31, 2018, we had \$1.98 billion available under our \$2.0 billion revolving credit facility. Our credit facilities, including the revolving credit facility and our term loans, require us to maintain certain financial ratios, as discussed in Note 10 of our Notes to Consolidated Financial Statements in our 10-K Report. We were in compliance with these ratios as of March 31, 2018.

All of our cash and cash equivalents are diversified in highly rated investment vehicles. Our cash and cash equivalents are held either in the U.S. or held by non-U.S. subsidiaries and are not subject to significant foreign currency exposures, as the majority are held in investments denominated in U.S. dollars as of March 31, 2018. These funds may create foreign currency transaction gains or losses, however, depending on the functional currency of the entity holding the cash.

In addition, there are no significant restrictions that would preclude us from bringing these funds back to the U.S. aside from withholding taxes; however, the Act significantly altered U.S. corporate income tax law. The Act imposes a one-time tax on the "deemed" repatriation of foreign subsidiaries' earnings and profits.

The following table represents a comparison of the net cash provided by operating activities, net cash provided by or used in investing activities, and net cash used in financing activities for the three months ended March 31, 2018 and 2017:

(in millions)	Three months ended		2018-2017	
	March 31,		Change	Percent
Cash Flow	2018	2017		
Net cash provided by (used in) operating activities	\$ (71.0)	\$ 146.0	\$ (217.0)	NM
Net cash used in investing activities	(1,220.4)	(245.6)	(974.8)	NM
Net cash provided by (used in) financing activities	(213.3)	102.2	(315.5)	NM

Operating Activities

During the three months ended March 31, 2018, net cash used in operating activities decreased by \$217.0 million to \$71.0 million, from net cash provided by operating activities of \$146.0 million for the three months ended March 31, 2017. Our results of operations, including the Acquired Business, after non-cash adjustments to net earnings, contributed \$218.3 million to cash flows from operating activities during the three months ended March 31, 2018, compared to a contribution of \$250.0 million as computed on the same basis for the prior year period. During the three months ended March 31, 2018, we had an unfavorable working capital change of \$289.3 million compared to an unfavorable change of \$104 million during the three months ended March 31, 2017.

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The change in working capital for the three months ended March 31, 2018, was primarily driven by an increase in inventories of \$147.6 million, an increase in other assets of \$137.5 million and a decrease in accounts payable and accrued liabilities of \$74.9 million, partially offset by a decrease in accounts receivable of \$62.5 million. The increase in inventories was primarily due to higher raw material costs and building inventory volumes for the upcoming spring season at March 31, 2018 compared to December 31, 2017 which was worsened by the delay in effect of the delayed spring season in North America. The increase in other assets was primarily related to tax receivables and a change in the revenue recognition policy of Canpotex. The decrease in accounts payable and accrued liabilities is related to the timing of payments for customer rebate programs and employee incentives which are paid in the first quarter of the year, and lower ammonia and plant operating purchases in the current year quarter. The change in accounts receivable was due to the timing of sales as we had lower sales volumes in March 2018 compared to December 2017.

The change in working capital for the three months ended March 31, 2017, was primarily driven by an increase in inventories of \$133.3 million partially offset by a reduction in accounts receivable of \$45.7 million and an increase in accounts payable and accrued liabilities of \$38.6 million. The increase in inventories was primarily due to the higher cost of raw materials and higher inventory volumes in preparation for the spring season at March 31, 2017 compared to December 2016. The change in accounts receivable was due to the timing of sales as we had lower sales volumes in March 2017 compared to December 2016. The increase in accounts payable and accrued liabilities was primarily due to the higher cost of raw material purchases and the building of inventories in 2017.

Investing Activities

Net cash used in investing activities was \$1.2 billion for the three months ended March 31, 2018, compared to \$0.2 billion for the same period a year ago. In the current year quarter, we completed the Acquisition for approximately \$1.0 billion. We had capital expenditures of \$223.3 million, compared to \$223.8 million in the prior year period. In the prior year we invested \$25 million in an affiliate for the construction of vessels intended to transport anhydrous ammonia, primarily for Mosaic's operations, as discussed in Note 15 of our Condensed Consolidated Financial Statements in this report.

Financing Activities

Net cash used in financing activities for the three months ended March 31, 2018, was \$213.3 million, compared to net cash provided by financing activities of \$102.2 million for the same period in the prior year. For the three months ended March 31, 2018, we made payments on our long-term debt of \$206.9 million, including a prepayment of \$200 million on our term loan. We also made net payments of structured accounts payable of \$61.9 million which was offset by proceeds from short-term borrowings in our international locations of \$65.3 million, primarily related to a collateralized subsidy payment by the Government of India which was repaid in April 2018.

In the prior year period, we received net proceeds from structured accounts payable of \$72 million and net proceeds from short-term borrowing of \$128.5 million, which were used to fund working capital needs in our international locations.

Debt Instruments, Guarantees and Related Covenants

See Notes 10 and 16 to the Consolidated Financial Statements in our 10-K Report.

Financial Assurance Requirements

In addition to various operational and environmental regulations related to our Phosphates segment, we are subject to financial assurance requirements. In various jurisdictions in which we operate, particularly Florida and Louisiana, we are required to pass a financial strength test or provide credit support, typically in the form of surety bonds, letters of credit, certificates of deposit or trust funds. Further information regarding financial assurance requirements is included in Management's Discussion and Analysis of Results of Operations and Financial Condition in our 10-K Report, under "EPA RCRA Initiative", and in Note 11 to our Condensed Consolidated Financial Statements in this report.

Off-Balance Sheet Arrangements and Obligations

Information regarding off-balance sheet arrangements and obligations is included in Management's Discussion and Analysis of Results of Operations and Financial Condition in our 10-K Report and Note 15 to our Condensed Consolidated Financial Statements in this report.

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Contingencies

Information regarding contingencies is hereby incorporated by reference to Note 12 to our Condensed Consolidated Financial Statements in this report.

Cautionary Statement Regarding Forward Looking Information

All statements, other than statements of historical fact, appearing in this report constitute “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include, among other things, statements about our expectations, beliefs, intentions or strategies for the future, including statements about our recently completed acquisition of the global phosphate and potash operations of Vale S.A. (“*Vale*”) conducted through Vale Fertilizantes S.A. (the “*Transaction*”) and the anticipated benefits and synergies of the Transaction, statements about MWSPC and its nature, impact and benefits, statements about other proposed or pending future transactions or strategic plans, statements concerning our future operations, financial condition and prospects, statements regarding our expectations for capital expenditures, statements concerning our level of indebtedness and other information, and any statements of assumptions regarding any of the foregoing. In particular, forward-looking statements may include words such as “anticipate”, “believe”, “could”, “estimate”, “expect”, “intend”, “may”, “potential”, “predict”, “project” or “should”. These statements involve certain risks and uncertainties that may cause actual results to differ materially from expectations as of the date of this filing.

Factors that could cause reported results to differ materially from those expressed or implied by the forward-looking statements include, but are not limited to, the following:

- difficulties with realization of the benefits of the Transaction, including the risks that the acquired business may not be integrated successfully or that the anticipated synergies or cost or capital expenditure savings from the Transaction may not be fully realized or may take longer to realize than expected, including because of political and economic instability in Brazil or changes in government policy in Brazil;
- business and economic conditions and governmental policies affecting the agricultural industry where we or our customers operate, including price and demand volatility resulting from periodic imbalances of supply and demand;
- changes in farmers’ application rates for crop nutrients;
- changes in the operation of world phosphate or potash markets, including continuing consolidation in the crop nutrient industry, particularly if we do not participate in the consolidation;
- pressure on prices realized by us for our products;
- the expansion or contraction of production capacity or selling efforts by competitors or new entrants in the industries in which we operate, including the effects of actions by members of Canpotex to prove the production capacity of potash expansion projects, through proving runs or otherwise;
- the expected cost of MWSPC and our expected remaining investment to be made in it, the amount, terms, availability and sufficiency of funding for MWSPC from us, Saudi Arabian Mining Company and Saudi Basic Industries Corporation and existing or future external sources, the timely development and commencement of operations of production facilities in the Kingdom of Saudi Arabia, political and economic instability in the region, and in general the future success of current plans for the joint venture and any future changes in those plans;
- build-up of inventories in the distribution channels for our products that can adversely affect our sales volumes and selling prices;
- the effect of future product innovations or development of new technologies on demand for our products;
- seasonality in our business that results in the need to carry significant amounts of inventory and seasonal peaks in working capital requirements, and may result in excess inventory or product shortages;
- changes in the costs, or constraints on supplies, of raw materials or energy used in manufacturing our products, or in the costs or availability of transportation for our products;
- declines in our selling prices or significant increases in costs that can require us to write down our inventories to the lower of cost or market, or require us to impair goodwill or other long-lived assets, or establish a valuation allowance against deferred tax assets;

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- the effects on our customers of holding high cost inventories of crop nutrients in periods of rapidly declining market prices for crop nutrients;
- the lag in realizing the benefit of falling market prices for the raw materials we use to produce our products that can occur while we consume raw materials that we purchased or committed to purchase in the past at higher prices;
- customer expectations about future trends in the selling prices and availability of our products and in farmer economics;
- disruptions to existing transportation or terminaling facilities, including those of Canpotex or any joint venture in which we participate;
- shortages or other unavailability of railcars, tugs, barges and ships for carrying our products and raw materials;
- the effects of and change in trade, monetary, environmental, tax and fiscal policies, laws and regulations;
- foreign exchange rates and fluctuations in those rates;
- tax regulations, currency exchange controls and other restrictions that may affect our ability to optimize the use of our liquidity;
- other risks associated with our international operations, including any potential adverse effects related to the Miski Mayo mine in the event that protests against natural resource companies in Peru were to extend to or impact the Miski Mayo mine;
- adverse weather conditions affecting our operations, including the impact of potential hurricanes, excessive heat, cold, snow or rainfall, or drought;
- difficulties or delays in receiving, challenges to, increased costs of obtaining or satisfying conditions of, or revocation or withdrawal of required governmental and regulatory approvals, including permitting activities;
- changes in the environmental and other governmental regulation that applies to our operations, including federal legislation or regulatory action expanding the types and extent of water resources regulated under federal law and the possibility of further federal or state legislation or regulatory action affecting or related to greenhouse gas emissions, including carbon taxes or other measures that may be proposed in Canada or other jurisdictions in which we operate, or of restrictions or liabilities related to elevated levels of naturally-occurring radiation that arise from disturbing the ground in the course of mining activities or possible efforts to reduce the flow of nutrients into the Gulf of Mexico, the Mississippi River basin or elsewhere;
- the potential costs and effects of implementation of federal or state water quality standards for the discharge of nitrogen and/or phosphorus into Florida waterways;
- the financial resources of our competitors, including state-owned and government-subsidized entities in other countries;
- the possibility of defaults by our customers on trade credit that we extend to them or on indebtedness that they incur to purchase our products and that we guarantee, particularly when we are exiting our business operations or locations that produced or sold the products to that customer;
- any significant reduction in customers' liquidity or access to credit that they need to purchase our products;
- the effectiveness of our risk management strategy;
- the effectiveness of the processes we put in place to manage our significant strategic priorities, including the expansion of our Potash business and our investment in MWSPC, and to successfully integrate and grow acquired businesses;
- actual costs of various items differing from management's current estimates, including, among others, asset retirement, environmental remediation, reclamation or other environmental obligations and Canadian resource taxes and royalties, or the costs of MWSPC, its existing or future funding and our commitments in support of such funding;

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- the costs and effects of legal and administrative proceedings and regulatory matters affecting us, including environmental, tax or administrative proceedings, complaints that our operations are adversely impacting nearby farms, businesses, other property uses or properties, settlements thereof and actions taken by courts with respect to approvals of settlements, resolution of global tax audit activity, and other further developments in legal proceedings and regulatory matters;
- the success of our efforts to attract and retain highly qualified and motivated employees;
- strikes, labor stoppages or slowdowns by our work force or increased costs resulting from unsuccessful labor contract negotiations, and the potential costs and effects of compliance with new regulations affecting our workforce, which increasingly focus on wages and hours, healthcare, retirement and other employee benefits;
- brine inflows at our Esterhazy, Saskatchewan potash mine as well as potential inflows at our other shaft mines;
- accidents or other incidents involving our properties or operations, including potential fires, explosions, seismic events, sinkholes, unsuccessful tailings management or releases of hazardous or volatile chemicals;
- terrorism or other malicious intentional acts, including cybersecurity risks such as attempts to gain unauthorized access to, or disable, our information technology systems, or our costs of addressing malicious intentional acts;
- other disruptions of operations at any of our key production and distribution facilities, particularly when they are operating at high operating rates;
- changes in antitrust and competition laws or their enforcement;
- actions by the holders of controlling equity interests in businesses in which we hold a noncontrolling interest;
- the performance of MWSPC;
- changes in our relationships with other members of Canpotex or any joint venture in which we participate or their or our exit from participation in Canpotex or any such export association or joint venture, and other changes in our commercial arrangements with unrelated third parties;
- the adequacy of our property, business interruption and casualty insurance policies to cover potential hazards and risks incident to our business, and our willingness and ability to maintain current levels of insurance coverage as a result of market conditions, our loss experience and other factors;
- difficulties in realizing benefits under our long-term natural gas based pricing ammonia supply agreement with CF Industries, Inc., including the risks that the cost savings initially anticipated from the agreement may not be fully realized over the term of the agreement or that the price of natural gas or the market price for ammonia during the agreement's term are at levels at which the agreement's natural gas based pricing is disadvantageous to us, compared with purchases in the spot market; and
- other risk factors reported from time to time in our Securities and Exchange Commission reports.

Material uncertainties and other factors known to us are discussed in Item 1A, "Risk Factors," of our annual report on Form 10-K for the year ended December 31, 2017 and incorporated by reference herein as if fully stated herein.

We base our forward-looking statements on information currently available to us, and we undertake no obligation to update or revise any of these statements, whether as a result of changes in underlying factors, new information, future events or other developments.

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ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are exposed to the impact of fluctuations in the relative value of currencies, the impact of interest rates, fluctuations in the purchase price of natural gas, ammonia and sulfur consumed in operations, and changes in freight costs as well as changes in the market value of our financial instruments. We periodically enter into derivatives in order to mitigate our foreign currency risks, interest rate risks and the effects of changing commodity prices, but not for speculative purposes. See Note 13 to the Consolidated Financial Statements in our 10-K Report and Note 13 to the Condensed Consolidated Financial Statements in this report.

Foreign Currency Exchange Contracts

As of March 31, 2018 and December 31, 2017, the fair value of our major foreign currency exchange contracts was \$(5.4) million and \$9.4 million, respectively. The table below provides information about Mosaic's significant foreign exchange derivatives.

(in millions US\$)	As of March 31, 2018			As of December 31, 2017		
	Expected Maturity Date		Fair Value	Expected Maturity Date		Fair Value
	2018	2019		2018	2018	
Foreign Currency Exchange Forwards						
Canadian Dollar			\$ (5.3)			\$ 12.3
Notional (million US\$) - long Canadian dollars	\$ 438.9	\$ 141.6		\$ 444.4	\$ 39.1	
Weighted Average Rate - Canadian dollar to U.S. dollar	1.2758	1.2711		1.2850	1.2791	
Foreign Currency Exchange Non-Deliverable Forwards						
Brazilian Real			\$ 0.8			\$ 1.3
Notional (million US\$) - short Brazilian real	\$ 262.3	\$ —		\$ 174.9	\$ —	
Weighted Average Rate - Brazilian real to U.S. dollar	3.2874	—		3.3001	—	
Notional (million US\$) - long Brazilian real	\$ 234.9	\$ 47.2		\$ 174.9	\$ —	
Weighted Average Rate - Brazilian real to U.S. dollar	3.3390	3.3887		3.3414	—	
Indian Rupee			\$ (0.9)			\$ (4.2)
Notional (million US\$) - short Indian rupee	\$ 160.0	\$ —		\$ 196.0	\$ —	
Weighted Average Rate - Indian rupee to U.S. dollar	65.9817	—		65.8215	—	
Total Fair Value			\$ (5.4)			\$ 9.4

Further information regarding foreign currency exchange rates and derivatives is included in Management's Discussion and Analysis of Financial Condition and Results of Operations in our 10-K Report and Note 13 to the Condensed Consolidated Financial Statements in this report.

Commodities

As of March 31, 2018 and December 31, 2017, the fair value of our natural gas commodities contracts was \$(20.1) million and \$(17.6) million, respectively.

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The table below provides information about our natural gas derivatives which are used to manage the risk related to significant price changes in natural gas.

(in millions)	As of March 31, 2018					As of December 31, 2017			
	Expected Maturity Date					Expected Maturity Date			
	Years ending December 31,					Years ending December 31,			
	2018	2019	2020	2021	Fair Value	2017	2018	2019	Fair Value
Natural Gas Swaps					\$ (20.1)				\$ (17.6)
Notional (million MMBtu) - long	14.2	21.2	11.6	4.3		18.2	19.9	5.0	
Weighted Average Rate (US\$/MMBtu)	\$ 2.36	\$ 2.31	\$ 1.81	\$ 1.57		\$ 3.16	\$ 3.01	\$ 3.14	
Total Fair Value					<u>\$ (20.1)</u>				<u>\$ (17.6)</u>

Further information regarding commodities and derivatives is included in Management's Discussion and Analysis of Financial Condition and Results of Operations in our 10-K Report and Note 13 to the Condensed Consolidated Financial Statements in this report.

Interest Rates

We manage interest expense through interest rate contracts to convert a portion of our fixed-rate debt into floating-rate debt. We also enter into interest rate swap agreements to hedge our exposure to changes in future interest rates related to anticipated debt issuances. As of March 31, 2018 and December 31, 2017, the fair value of our interest rate contracts was \$(15.3) million and \$(2.2) million, respectively. Further information regarding our interest rate contracts is included in Note 13 to the Condensed Consolidated Financial Statements in this report.

ITEM 4. CONTROLS AND PROCEDURES

(a) Evaluation of Disclosure Controls and Procedures

We maintain disclosure controls and procedures designed to ensure that information required to be disclosed in our filings under the Securities Exchange Act of 1934 is (i) recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and (ii) accumulated and communicated to management, including our principal executive officer and our principal financial officer, to allow timely decisions regarding required disclosures. Our management, with the participation of our principal executive officer and our principal financial officer, has evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this quarterly report on Form 10-Q. Our principal executive officer and our principal financial officer have concluded, based on such evaluations, that our disclosure controls and procedures were effective for the purpose for which they were designed as of the end of such period.

(b) Changes in Internal Control Over Financial Reporting

Our management, with the participation of our principal executive officer and our principal financial officer, have evaluated any changes in our internal control over financial reporting that occurred during the three months ended March 31, 2018 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. Our management, with the participation of our principal executive officer and principal financial officer, did not identify any such changes during the three months ended March 31, 2018.

In accordance with relevant SEC guidance, the scope of management's evaluation excluded internal control over financial reporting for Vale Fertilizantes S.A., which we acquired on January 8, 2018. At March 31, 2018, the total assets associated with the acquired business were \$3.8 billion and net assets were \$2.4 billion. During the three months ended March 31, 2018, the results of operations associated with the acquired business contributed \$114.1 million in revenue, \$24.0 million in operating earnings and net income of \$11.4 million.

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PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

We have included information about legal and environmental proceedings in Note 12 to our Condensed Consolidated Financial Statements in this report. This information is incorporated herein by reference.

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

Pursuant to our employee stock plans relating to the grant of employee stock options, stock appreciation rights, restricted stock unit awards, and other equity-based awards, we have granted and may in the future grant employee stock options to purchase shares of our Common Stock for which the purchase price may be paid by means of delivery to us by the optionee of shares of our Common Stock that are already owned by the optionee (at a value equal to market value on the date of the option exercise). During the periods covered by this report, no options to purchase shares of our Common Stock were exercised for which the purchase price was so paid.

We made no share repurchases during the three months ended March 31, 2018.

ITEM 4. MINE SAFETY DISCLOSURES

Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K is included in Exhibit 95 to this report.

ITEM 6. EXHIBITS

The following Exhibits are being filed herewith.

Exhibit Index			
Exhibit No	Description	Incorporated Herein by Reference to	Filed with Electronic Submission
10.1	<u>Letter agreement dated March 7, 2018 between The Mosaic Company and Anthony T. Brausen</u>	Exhibit 10.1 to Mosaic's Current Report on Form 8-K/A dated January 31, 2018 and filed on March 12, 2018	
10.2	<u>Senior Management Severance and Change in Control Agreement between The Mosaic Company and Anthony T. Brausen</u>		X
31.1	<u>Certification Required by Rule 13a-14(a).</u>		X
31.2	<u>Certification Required by Rule 13a-14(a).</u>		X
32.1	<u>Certification Required by Rule 13a-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code.</u>		X
32.2	<u>Certification Required by Rule 13a-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code.</u>		X
95	<u>Mine Safety Disclosures</u>		X
101	Interactive Data Files		X

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.

THE MOSAIC COMPANY

by:

/S/ ANTHONY T. BRAUSEN

Anthony T. Brausen

Senior Vice President—Finance and interim Chief Financial Officer

(on behalf of the registrant and as principal accounting officer)

May 8, 2018

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Section 2: EX-10.2 (EXHIBIT 10.2)

Exhibit 10.2

SENIOR MANAGEMENT SEVERANCE AND CHANGE IN CONTROL AGREEMENT

This Senior Management Severance and Change in Control Agreement (“Agreement”) is made and entered into effective as of the 1st day of June, 2017 (“Agreement Date”) between **THE MOSAIC COMPANY** (the “Company”), having its principal place of business in Minnesota, and **Anthony T. Brausen** (“Employee”), a resident of Excelsior, Minnesota, for the purpose of providing for certain benefits in the event of termination of Employee’s employment by the Company without Cause or by Employee for Good Reason, according to the terms, conditions, and obligations set forth below.

RECITALS

WHEREAS, the Company has employed Employee as Vice President - Finance and Employee desires to serve in that capacity;

WHEREAS, Employee is a key member of the management of the Company and is expected to devote substantial skill and effort to the affairs of the Company, and the Company desires to recognize the significant personal contribution that Employee makes and is expected to continue to make to further the best interests of the Company and its shareholders;

WHEREAS, as a further term and condition of Employee’s employment, the Company desires to provide Employee the opportunity to receive certain benefits upon termination of Employee’s employment by the Company without Cause or by Employee for Good Reason, according to the terms, conditions, and obligations set forth below;

WHEREAS, it is desirable and in the best interests of the Company and its shareholders to continue to obtain the benefits of Employee’s services and attention to the affairs of the Company. It is desirable and in the best interests of the Company and its shareholders to provide inducement for Employee (1) to remain in the service of the Company in the event of any proposed or anticipated change in control of the Company and (2) to remain in the service of the Company in order to facilitate an orderly transition in the event of a change in control of the Company;

WHEREAS, it is desirable and in the best interests of the Company and its shareholders that Employee be in a position to make judgments and advise the Company with respect to proposed changes in control of the Company without regard to the possibility that Employee's employment may be terminated without compensation in the event of certain changes in control of the Company;

WHEREAS, Employee understands that Employee's receipt of the benefits provided for in this Agreement depends on, among other things, Employee's willingness to execute a General Release of Claims in favor of the Company upon termination and to agree to and abide by the non-disclosure, non-competition, and non-solicitation covenants contained in this Agreement;

WHEREAS, it is desirable and in the best interests of the Company and its shareholders to protect confidential, proprietary and trade secret information of the Company, to prevent unfair competition by former executives of the Company following separation of their employment with the Company and to secure cooperation from former executives with respect to matters related to their employment with the Company; and

WHEREAS, Employee understands that nothing in this Agreement limits the Company's right to terminate Employee's employment at any time and for any reason.

NOW THEREFORE, in consideration of Employee's employment with the Company and the foregoing premises, the mutual covenants set forth below, and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Employee and the Company agree as follows:

AGREEMENT

1. Limited Right to Certain Benefits upon Termination. Nothing in this Agreement guarantees Employee continued employment with the Company or otherwise limits the Company's right to terminate Employee's employment at any time and for any reason. In the event of termination of Employee's employment by the Company without Cause or by Employee for Good Reason (as each term is defined below), however, Employee shall be eligible to receive certain benefits upon satisfaction of certain conditions, as set forth in this Agreement below. Such benefits are not available to Employee under this Agreement in the event of a termination by the Company with Cause, by Employee without Good Reason, or due to Employee's death or disability.

2. Termination by Company for "Cause." In the event the Company terminates Employee's employment for Cause, the Company's obligations to Employee hereunder shall terminate, except as to amounts already earned by but unpaid to Employee as of the effective date of termination. Employee's continuing obligations to the Company under this Agreement, however, shall remain in full force and effect, including without limitation with respect to non-disclosure, non-competition, and non-solicitation. For purposes of this Agreement, Cause means a good faith determination by the Company of an act or omission by Employee amounting to:
 - (i) a material breach of any of Employee's obligations to the Company under the terms of this Agreement;
 - (ii) the gross neglect or willful failure or refusal of Employee to perform the duties of Employee's position or such other duties reasonably assigned to Employee by the Company;
 - (iii) any act of personal dishonesty taken by Employee and intended to result in substantial personal enrichment of Employee at the expense of the Company;
 - (iv) any willful or intentional act that could reasonably be expected to injure the reputation, business, or business relationships of the Company or Employee's reputation or business relationships;
 - (v) perpetration of an intentional and knowing fraud against or affecting the Company or any customer, supplier, client, agent, or employee thereof;
 - (vi) conviction (including conviction on a *nolo contendere*, no contest, or similar plea) of a felony or any crime involving fraud, dishonesty, or moral turpitude; or
 - (vii) material breach of the Company's Code of Business Conduct and Ethics.

3. Termination by the Company Due To Employee's Death or Disability. Employee's employment shall terminate immediately upon Employee's death or upon a finding and declaration by the Company, determined in good faith and subject to applicable law, that Employee is unable to carry out Employee's essential job functions to any substantial

degree by reason of illness or disability. In either such case, the Company's obligations to Employee hereunder shall terminate, except as to amounts already earned by but unpaid to Employee, as of the effective date of termination. Employee's continuing obligations to the Company under this Agreement, however, shall remain in full force and effect, including without limitation with respect to non-disclosure, non-competition, and non-solicitation.

4. Termination by the Company without Cause. The Company may elect to involuntarily terminate Employee's employment without Cause at any time, with or without prior notice to Employee, in which case Employee shall receive amounts already earned by but unpaid to Employee as of the effective date of termination and be eligible for the following additional benefits:
 - (a) Severance.
 - (i) Employee shall be eligible to receive an amount equal to one and one-half times Employee's annual base salary in effect as of the date of termination.
 - (ii) If Employee's termination is a Qualified CIC Termination, Employee shall be eligible to receive an amount equal to an additional one-half times Employee's annual base salary in effect as of the date of termination.
 - (b) Additional Payout.
 - (i) Employee shall be eligible to receive a payout equal to one and one-half times Employee's annual target bonus percent established for the bonus year prior to the bonus year in which Employee's date of termination is effective (or such greater percent as shall be designated by the Compensation Committee of the Company's Board of Directors from time to time) multiplied by Employee's annual base salary in effect as of the date of termination.
 - (ii) If Employee's termination is a Qualified CIC Termination, Employee shall be eligible to receive an amount equal to an additional one-half times Employee's annual target bonus percent for the prior bonus year (or such greater percent as shall be designated by the Compensation Committee of the Company's Board of Directors from time to time) multiplied by Employee's annual base salary in effect as of the date of termination.
 - (c) If Employee is participating in any Company-provided life insurance or health flexible spending account programs, then Employee may elect to continue coverage under such programs (in accordance with the terms of those programs). In addition, if Employee is participating in any Company-provided group medical and/or dental plans subject to Consolidated Omnibus Budget Reconciliation Act of 1986, as amended, or similar state law ("COBRA"), and Employee timely elects coverage and satisfies all enrollment and payment procedures, then the Company will reimburse Employee for a portion of the premium costs to continue coverage under its medical and/or dental plans equal to the portion the Company would pay for such coverage as if Employee were an active employee, from the date of termination until the earlier of (i) twelve (12) months following the date of termination or (ii) the date on which Employee is no longer eligible for COBRA; provided, however, that if the termination is a Qualified CIC Termination then instead of reimbursing Employee for the Company's portion, the Company will pay Employee an amount equal to 18 months the premium costs to continue coverage under its

medical and/or dental plans and its life insurance plans equal to the portion the Company would pay for such coverage as if Employee were an active employee.

- (d) If Employee was employed by the Company for three months or more during the fiscal year in which the termination of employment is effective (or, in the case of a Qualified CIC Termination, one day or more during such fiscal year), the Company will pay to Employee a pro rata portion (based on the number of months of employment during such fiscal year, with employment on any day of a month being deemed a month of employment) of any annual bonus that would have been payable to Employee for such fiscal year based on actual performance under the Management Incentive Plan (or a successor to such plan) determined upon completion of the fiscal year as if Employee had been in the employ of the Company for the full fiscal year (no amount shall be payable if Employee was employed for less than three months or, in the case of a Qualified CIC Termination, less than one day during such fiscal year).
- (e) The Company will pay Employee any unused earned vacation as of the date of Employee's termination of employment, in accordance with the policies and practices of the Company in effect from time to time.
- (f) The Company will offer Employee reasonable outplacement services commensurate with Employee's position and experience for a period ending the earlier of (i) twelve (12) months following Employee's termination of employment, or (ii) Employee finds new employment, up to a maximum of \$25,000 (cash will not be paid in lieu of outplacement services); provided, however, that if the termination is a Qualified CIC Termination then instead of paying for reasonable outplacement services the Company will pay Employee \$25,000.
- (g) If Employee's termination is a Qualified CIC Termination and Employee is covered under an executive life insurance plan and/or an executive disability plan, upon a Qualified CIC Termination the Company will pay Employee an amount equal to 18 months the premium costs to continue coverage under these executive life insurance and/or executive disability plan equal to the portion the Company would pay for such coverage as if Employee were an active employee. If Employee's termination is a Qualified CIC Termination and Employee has not received reimbursement for an executive physical examination in the year of Employee's termination, the Company will pay Employee \$10,000. If Employee's termination is a Qualified CIC Termination and Employee has not received reimbursement for financial planning in year of Employee's termination, the Company will pay Employee \$7,000.
- (h) The amount of any severance payable to Employee under Section 4 shall be reduced on a dollar-for-dollar basis by the amount of any other compensation or remuneration Employee receives from the Company for work performed as an employee, independent contractor, or consultant during the twelve (12) months following Employee's termination of employment, and by any other compensation to which Employee may be entitled under any other severance plan or program of the Company.
- (i) The Company shall pay the severance payment under Section 4(a)(i) on the date that is sixty (60) days after the date of Employee's termination of employment. The Company shall pay the severance payment under Section 4(a)(ii) on the date that is six (6) months after the date of Employee's termination of employment. The Company shall pay the bonuses under Section 4(b) and Section 4(d) during the calendar year after the end of the

fiscal year to which the bonuses relate at the same time as other salaried employees are paid their bonuses. The Company shall reimburse premiums as provided under Section 4(c) and pay reasonable outplacement costs as provided under Section 4(f) beginning as of the date of Employee's termination of employment; provided, however, that if Employee's termination is a Qualified CIC Termination the amounts will be paid on the date that is six (6) months after the date of Employee's termination of employment. The Company shall pay the Employee the accrued vacation under Section 4(e) within 60 days following termination of employment. If Employee's termination is a Qualified CIC Termination, the Company shall pay the amounts under Section 4(g) on the date that is six (6) months after the date of Employee's termination of employment. Notwithstanding the foregoing, the Company is not required to make any payments due on or after the date that is sixty (60) days after the date of Employee's termination of employment unless by that date Employee has signed, provided to the Company, and not rescinded a General Release of Claims in favor of the Company attached as Exhibit A (and the rescission period has expired). In addition, each payment by the Company made on and after the date of Employee's termination of employment is conditioned upon (i) Employee cooperating with the transition of Employee's duties and responsibilities for the Company, and (ii) Employee continuing to abide by all of Employee's obligations to the Company, including without limitation the non-disclosure, non-competition, and non-solicitation covenants contained in Section 8 of this Agreement.

The payments under this Section 4 are conditioned upon the lapse of a substantial risk of forfeiture (Employee's involuntary termination or Qualified CIC Termination, which also requires an involuntary termination). To the extent any payment is not paid within the short-term deferral period and is not exempt from Section 409A of the Internal Revenue Code of 1986, as amended, and any regulations, rules, or guidance thereunder (the "Code") (such as the rule exempting payments made following an involuntary termination of up to two times pay) then Section 409A of the Code shall apply. The Company intends this Agreement to comply with Section 409A of the Code and will interpret this Agreement in a manner that complies with Section 409A of the Code. For example, to the extent required, "termination" and related terms shall mean a separation from service as defined under Section 409A of the Code.

- (j) Notwithstanding anything in this Agreement to the contrary, if Employee is a specified employee (as defined under Section 409A of the Code) at the time of Employee's termination of employment, to the extent payments under Section 4 are subject to Section 409A of the Code, the payments shall be made as of the later of (i) the date of payment provided for in Section 4 (i), or (ii) the first day of the seventh month following the date of Employee's termination of employment.
- (k) Any amounts payable hereunder will be subject to required withholdings, deductions, and tax reporting requirements.
- (l) Notwithstanding any other provision of this Agreement, if the payments under this Agreement, or under any other agreement with, or plan of, the Company or its affiliates ("Total Payments"), would constitute an "excess parachute payment" that is subject to the tax ("Excise Tax") imposed by Section 4999 of Code, then the Company will determine whether Employee's best net benefit when taking into account the effect of the Excise Tax ("Best Net Benefit") is (i) to receive the payments provided for under this Agreement, or (ii) to have payments under this Agreement reduced and forfeited to reduce or avoid the

Excise Tax. If the Best Net Benefit is achieved by reducing payments, the reduction shall be made by first reducing and forfeiting payments under this Section 4 not subject to Section 409A of the Code and, if additional reductions are necessary to achieve the Best Net Benefit, then reducing and forfeiting payments under this Section 4 subject to Section 409A. In no event shall payments subject to Section 409A of the Code be forfeited before all payments not subject to Section 409A of the Code have been forfeited. Payments shall be forfeited in the following sequence, provided that if a payment subject to Section 409A of the Code comes before a payment not subject to it, the payment subject to Section 409A shall be moved and placed at the end of the list: first under Section 4(g), second under Section 4(f), third under Section 4(c), fourth under Section 4(a), fifth under Section 4(e), sixth under Section 4(b), and seventh under Section 4(d).

For purposes of this Agreement, Qualified CIC Termination means (i) the Company's termination of Employee's employment without Cause (or Employee's termination of employment for Good Reason), and (ii) such termination occurs either (1) upon, or within two years after, the occurrence of a Change in Control of the Company (as defined in Section 7 below), or (2) at the time of, or following, the entry by the Company into a definitive agreement or plan for a Change in Control of the nature set forth in Section 7(b) or (c) below (so long as such Change in Control occurs within six months after the effective date of such termination).

5. Termination by the Employee with Good Reason. Employee may terminate Employee's employment with the Company for "Good Reason," which, for purposes of this Agreement shall mean:
- (a) a material diminution in authority, duties, or responsibilities;
 - (b) a material change in geographic location where services are provided (the Company has determined this is any requirement by the Company that Employee move his regular office to a location more than 50 miles from Employee's Company office as of the Agreement Date); or
 - (c) a material diminution in base salary.

Good Reason shall not exist if (i) Employee expressly consents to such event in writing, (ii) Employee fails to object in writing to such event within sixty (60) days of its effective date, or (iii) Employee objects in writing to such event within sixty (60) days of its effective date but the Company cures such event within thirty (30) days after written notice from Employee. The written notice must describe the basis for Employee's claim of Good Reason and identify what reasonable actions would be required to cure such Good Reason. Employee agrees to continue to perform the duties of Employee's position and to otherwise cooperate with the Company throughout this entire notice period. If the Good Reason is not cured by the Company and Employee then terminates employment effective within thirty (30) days following the expiration of the Company's cure period, Employee shall receive amounts already earned by but unpaid to Employee as of the effective date of termination and be paid or reimbursed for additional benefits in the same manner as set forth in Sections 4(a) through 4(j) above.

6. Termination by Employee without Good Reason. Employee may elect to terminate Employee's employment at any time and for any reason, upon thirty (30) days' prior written notice to the Company. Employee agrees to continue to perform the duties of Employee's position and to otherwise cooperate with the Company throughout this entire notice period. The Company may, however, upon receiving such notice of termination, elect to make the termination effective at any earlier time during the notice period. In

either case if such termination is without Good Reason, salary and benefits shall be paid to Employee through Employee's effective termination date only, and the Company shall have no further obligation to Employee. Employee's continuing obligations to the Company under this Agreement, however, shall remain in full force and effect, including without limitation with respect to non-disclosure, non-competition, and non-solicitation.

7. Change in Control. A "Change in Control" shall occur when
- (a) a majority of the directors of the Company shall be persons other than persons
 - (i) for whose election proxies shall have been solicited by the Board of Directors of the Company or
 - (ii) who are then serving as directors appointed by the Board of Directors to fill vacancies on the Board of Directors caused by death or resignation (but not by removal) or to fill newly-created directorships,
 - (b) 50% or more of the voting power of the outstanding shares of all classes and series of capital stock of the Company entitled to vote in the general election of directors of the Company, voting together as a single class (the "Voting Stock") of the Company is acquired or beneficially owned by any person, entity or group (within the meaning of Section 13d(3) or 14(d)(2) of the Securities Exchange Act of 1934, as amended, (the "Exchange Act")) other than (i) an entity in connection with a Business Combination in which clauses (x) and (y) of subparagraph (c) apply or (ii) a licensed broker/dealer or licensed underwriter who purchases shares of Voting Stock pursuant to an underwritten public offering solely for the purpose of resale to the public,
 - (c) the consummation of a merger or consolidation of the Company with or into another entity, a sale or other disposition (in one transaction or a series of transactions) of all or substantially all of the Company's assets or a similar business combination (each, a "Business Combination"), in each case unless, immediately following such Business Combination, (x) all or substantially all of the beneficial owners of the Company's Voting Stock immediately prior to such Business Combination beneficially own, directly or indirectly, more than 50% of the voting power of the then outstanding shares of voting stock (or comparable voting equity interests) of the surviving or acquiring entity resulting from such Business Combination (including such beneficial ownership of an entity that, as a result of such transaction, owns the Company or all or substantially all of the Company's assets either directly or through one of more subsidiaries), in substantially the same proportions (as compared to the other beneficial owners of the Company's Voting Stock immediately prior to such Business Combination) as their beneficial ownership of the Company's Voting Stock immediately prior to such Business Combination, and (y) no person, entity or group that is unaffiliated with Cargill beneficially owns, directly or indirectly, 50% or more of the voting power of the outstanding voting stock (or comparable equity interests) of the surviving or acquiring entity (other than a direct or indirect parent entity of the surviving or acquiring entity, that, after giving effect to the Business Combination, beneficially owns, directly or indirectly, 100% of the outstanding voting stock (or comparable equity interests) of the surviving or acquiring entity), or
 - (d) approval by the shareholders of a definitive agreement or plan to liquidate or dissolve the Company.

8. Non-Disclosure, Non-Solicitation, and Non-Competition Covenants. In consideration of the opportunity to receive certain benefits in the event of termination of employment by the Company without Cause, Employee agrees, both during Employee's employment and following termination of this Agreement or termination of Employee's employment by either party, at any time, for any reason, as follows:

(a) Non-Disclosure.

- (i) Employee acknowledges that Employee has received and will continue to receive access to confidential and proprietary business information or trade secrets ("Confidential Information") about the Company, that this information was obtained by the Company at great expense and is reasonably protected by the Company from unauthorized disclosure, and that Employee's possession of this special knowledge is due solely to Employee's employment with the Company. In recognition of the foregoing, Employee will not at any time during employment or following termination of employment for any reason, disclose, use or otherwise make available to any third party any Confidential Information relating to the Company's business, including its products, production methods, and development; manufacturing and business methods and techniques; trade secrets, data, specifications, developments, inventions, engineering and research activity; marketing and sales strategies, information and techniques; long and short term plans; current and prospective dealer, customer, vendor, supplier and distributor lists, contacts and information; financial, personnel and information system information; and any other information concerning the business of the Company which is not disclosed to the general public or known in the industry, except for disclosure necessary in the course of Employee's duties.
- (ii) Upon termination of employment with the Company, Employee shall deliver to a designated Company representative all records, documents, hardware, software, and all other Company property and all copies thereof in Employee's possession. Employee acknowledges and agrees that all such materials are the sole property of the Company and that Employee will certify in writing to the Company at the time of termination that Employee has complied with this obligation.

(b) Non-Solicitation.

- (i) Employee specifically acknowledges that the Confidential Information described in this Section 8 includes confidential data pertaining to current and prospective customers and dealers of the Company, that such data is a valuable and unique asset of the Company's business and that the success or failure of the Company's specialized business is dependent in large part upon the Company's ability to establish and maintain close and continuing personal contacts and working relationships with such customers and dealers and to develop proposals which are specifically designed to meet the requirements of such customers and dealers. Therefore, during Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, Employee agrees that Employee will not, except on behalf of the Company or with the Company's express written consent, solicit, either directly or indirectly, on his own behalf or on behalf of any other person or entity with respect to any similar or competitive products or services, any such customers and dealers with whom Employee had contact or supervisor responsibility during the twenty-four (24) months preceding

Employee's termination of employment or about which Employee received or had access to Confidential Information.

- (ii) Employee specifically acknowledges that the Confidential Information described in this Section 8 also includes confidential data pertaining to current and prospective employees and agents of the Company, and Employee further agrees that during Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, Employee will not directly or indirectly solicit, on his own behalf or on behalf of any other person or entity, the services of any person who is an employee or agent of the Company or solicit any of the Company's employees or agents to terminate their employment or agency with the Company, except with the Company's express written consent.
 - (iii) Employee specifically acknowledges that the Confidential Information described in this Section 8 also includes confidential data pertaining to current and prospective vendors and suppliers of the Company, and Employee agrees that during Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, Employee will not directly or indirectly solicit, on his own behalf or on behalf of any other person or entity, any Company vendor or supplier for the purpose of either providing products or services to a business competitive with that of the Company, as described in Section 8(c)(i), or terminating or materially changing such vendor's or supplier's relationship or agency with the Company.
 - (iv) Employee further agrees that, during Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, Employee will do nothing to interfere with any of the Company's business relationships.
- (c) Non-Competition.
- (i) Employee covenants and agrees that during Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, he will not, in any geographic market in which Employee worked on behalf of the Company during the twenty-four (24) months preceding termination of employment for any reason, engage in or carry on, directly or indirectly, as an owner, employee, agent, associate, consultant or in any other capacity, a business competitive with that conducted by the Company. A "business competitive with that conducted by the Company" shall mean any business or activity involved in the design, development, manufacture, sale, marketing, production, distribution, or servicing of phosphate, potash, nitrogen, fertilizer, or crop nutrition products, or any other significant business in which the Company is engaged in or preparing to engage in as of the date of Employee's termination of employment. To "engage in or carry on" shall mean to have ownership in such business (excluding ownership of up to 1% of the outstanding shares of a publicly-traded company) or to consult, work in, direct or have responsibility for any area of such business, including but not limited to the following areas: operations, sales, marketing, manufacturing, procurement or sourcing, purchasing, customer service, distribution, product planning, research, design or development.

- (ii) During Employee's employment with the Company and for the twelve (12) months following termination of employment for any reason, Employee certifies and agrees that he will notify the President and Chief Executive Officer of the Company of his employment or other affiliation with any potentially competitive business or entity prior to the commencement of such employment or affiliation. Employee may make a written request to the President and Chief Executive Officer for modification of this non-competition covenant; the President and Chief Executive Officer will determine, in his sole discretion, if the requested modification will be harmful to the Company's business interests; and the President and Chief Executive Officer will notify Employee in writing of the terms of any permitted modification or of the rejection of the requested modification.

For purposes of this Section 8, the Company shall include any existing or future subsidiaries of the Company. A subsidiary of the Company shall include a corporation, limited liability company or other entity, a majority of the voting power, the then outstanding shares (or a comparable voting equity interests) entitled to vote in the general election of directors (or persons filling similar governing positions in non-corporate entities) of which is owned by the Company directly or indirectly or individually through another subsidiary of the Company.

9. Company Remedies. Employee acknowledges and agrees that the restrictions and agreements contained in this Agreement are reasonable and necessary to protect the legitimate interests of the Company, that the services to be rendered by Employee as an employee of the Company are of a special, unique and extraordinary character, that it would be difficult to replace such services and that any violation of Section 8 of this Agreement would be highly injurious to the Company, that Employee's violation of any provision of Section 8 of this Agreement would cause the Company irreparable harm that would not be adequately compensated by monetary damages and that the remedy at law for any breach of any of the provisions of Section 8 will be inadequate. Employee further acknowledges that Employee has requested, or has had the opportunity to request, that legal counsel review this Agreement, and having exhausted such right, agrees to the terms herein without reservation. Accordingly, Employee specifically agrees that the Company shall be entitled, in addition to any remedy at law or in equity, to preliminary and permanent injunctive relief and specific performance for any actual or threatened violation of this Agreement and to enforce the provisions of Section 8 of this Agreement, and that such relief may be granted without the necessity of proving actual damages and without the necessity of posting any bond. This provision with respect to injunctive relief shall not, however, diminish the right to claim and recover damages, or to seek and obtain any other relief available to it at law or in equity, in addition to injunctive relief.
10. Governing Law. This Agreement shall be governed by and construed under Minnesota law, without regard to its conflict of laws principles. In the event that any provision of this Agreement is held unenforceable, such provision shall be severed and shall not affect the validity or enforceability of the remaining provisions. In the event that any provision is held to be overbroad, such provision shall be deemed amended to narrow its application to the extent necessary to render the provision enforceable according to applicable law.

11. Taxes.
 - (a) The Company may withhold from any amounts payable under this Agreement such federal, state and local income and employment taxes as the Company shall determine is required to be withheld pursuant to any applicable law or regulation.
 - (b) This Agreement is intended to satisfy the requirements of Section 409A(a)(2), (3) and (4) of the Code, including current and future guidance and regulations interpreting such provisions. To the extent that any provision of this Agreement fails to satisfy those requirements, the provision shall automatically be modified in a manner that, in the good-faith opinion of the Company, brings the provision into compliance with those requirements while preserving as closely as possible the original intent of the provision and this Agreement. In particular, and without limiting the preceding sentence, any payment under this Agreement that would otherwise be treated as deferred compensation under Section 409A of the Code shall be delayed until the first day of the seventh month after the date of "separation from service" as determined under said Section 409A, such as is provided in Section 4(a) and 4(b) above.
12. Jurisdiction and Venue. The parties agree that any litigation in any way relating to this Agreement shall be brought and venued exclusively in federal or state court in Minnesota, and Employee hereby consents to the personal jurisdiction of these courts and waives any objection that such venue is inconvenient or improper.
13. Clawback. This Agreement, and any amounts received hereunder, shall be subject to recovery or other penalties pursuant to (i) any Company clawback policy, as may be adopted or amended from time to time, or (ii) any applicable law, rule or regulation or applicable stock exchange rule, including, without limitation, Section 304 of the Sarbanes-Oxley Act of 2002, Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act and any NYSE Listing Rule adopted pursuant thereto.
14. Entire Agreement. This Agreement contains the entire understanding and agreement of the Employee and the Company with respect to these matters and supersedes any previous agreements or understandings, whether written or oral, between them on the same subjects.
15. Survival. The covenants contained in Sections 8 through 19 of this Agreement shall remain in full force and effect after the termination of Employee's employment with the Company and after any termination or expiration of this Agreement. Employee and the Company acknowledge and understand that, unless expressly stated above, Employee's obligations hereunder shall not be affected by the reasons for, circumstances of, or identity of the party who initiates the termination of Employee's employment with the Company.
16. No Waiver; Amendment. The Company's waiver or failure to enforce the terms of this Agreement in one instance shall not constitute a waiver of its rights under the Agreement with respect to other violations. This Agreement may be amended only in a writing signed by Employee and an authorized officer or director of the Company.
17. Assignment. This Agreement shall be binding upon the legal representatives of Employee. This Agreement may be transferred, assigned or delegated, in whole or in part, by the Company to its successors and assigns, and the rights and obligations of this Agreement

shall be binding upon and inure to the benefit of any successors or assigns of the Company, and Employee will remain bound to fulfill Employee's obligations hereunder. Employee may not, however, transfer or assign his rights or obligations under this Agreement.

18. Read and Understood. Employee has read this Agreement carefully and understands each of its terms and conditions. Employee has sought independent legal counsel of Employee's choice to the extent Employee deemed such advice necessary in connection with the review and execution of this Agreement.
19. Dispute Resolution. The parties agree that any disputes arising under this Agreement or relating to Employee's employment with the Company will be resolved under the Mosaic Employment Dispute Resolution Program. Notwithstanding the preceding sentence, the following disputes need not be resolved through the Mosaic Employment Dispute Resolution Program and may be brought in a Minnesota state or federal court with proper jurisdiction as set forth in Section 12: (i) any dispute arising under or relating to the provisions of Section 8 or 9 of this Agreement, (ii) any claim for injunctive relief, and (iii) any dispute arising under this Agreement during the two-year period following a Change in Control.
20. Term. The "Term" of this Agreement shall be the period from the Agreement Date through December 31, 2018.

IN WITNESS WHEREOF, the parties have executed this Agreement effective as of the Agreement Date set forth above.

/s/ Anthony T. Brausen
Anthony T. Brausen

THE MOSAIC COMPANY

By: /s/ Kathrine A. Hoiem
Kathrine A. Hoiem

Its: Vice President - Human Resources

Exhibit A

GENERAL RELEASE OF CLAIMS WITH RESPECT TO THE MOSAIC COMPANY

In exchange for valuable and sufficient consideration described in the Senior Management Severance and Change in Control Agreement accompanying this General Release, on behalf of yourself and your heirs, successors and assigns, you, **Anthony T. Brausen**, hereby release and discharge The Mosaic Company and its affiliates, predecessors, successors, and assigns, as well as all officers, directors, agents, attorneys, and employees of The Mosaic Company, and its affiliates, predecessors, successors, and assigns (collectively, the "Company") from any and all claims, demands, actions, liabilities, damages, losses, costs, attorneys' fees, or rights of any kind, whether known or unknown, that you have, have ever had, or may have through your employment termination date, including but not limited to those arising out of or related to your employment or termination of employment.

Scope of Release:

This release extends to and includes, by way of illustration and not limitation, any claims arising under Title VII of the Civil Rights Act of 1964, 42 U.S.C. § 2000e et seq., the Age Discrimination in Employment Act, 29 U.S.C. § 621 et seq., the Americans with Disabilities Act, 42 U.S.C. § 12101 et seq., the Employee Retirement Income Security Act, 29 U.S.C. § 1001 et seq. (this release does not release the employee's rights to benefits earned under a benefit plan but does release all fiduciary and administrative claims with respect to such plan, the plan fiduciaries, and the Company), the Family and Medical Leave Act, 29 U.S.C. § 2601 et seq., the Minnesota Human Rights Act, Minn. Stat. § 363A.01 et seq., Minnesota Equal Pay for Equal Work Law, Minn. Stat. § 181.66, Minn. Stat. § 181.81, Minnesota Parental Leave Act, Minn. Stat. § 181.940 et seq., and Minnesota Whistleblower Act, Minn. Stat. § 181.931 et seq., as well as any other statutory, common law, contract, quasi contract or tort claims, including any claims for failure to pay wages, bonuses, or other forms of compensation and any and all attempts to recover attorneys' fees. If you are an employee of the Company in Canada or outside of the United States, this release is intended to extend to all similar Canadian, provincial, and local statutory and common law claims and the claims under any other nation's laws.

This release does not include claims that may not be released or waived as a matter of law. This release also does not prevent you from cooperating with, filing a charge with, or participating in any investigation or proceeding conducted by any governmental agency.

This release shall not be construed as an admission by the Company that it acted wrongfully with respect to you or any other person, or that you had or have any rights whatsoever against the Company. The Company specifically disclaims any liability to or any wrongful acts against you or any other person, on the part of itself or any of its affiliates, predecessors, successors, assigns, officers, directors, agents, attorneys, and employees.

Acceptance, Rescission, and Revocation Periods:

You may take up to twenty-one (21) days to consider whether to sign this release; although, you may sign it at any time before this period expires. You are hereby advised that you may consult with an attorney before signing this release.

In addition, you may rescind this release as far as it extends to claims or potential claims under the Minnesota Human Rights Act by delivering to the addressee below a notice of your intent to do so within fifteen (15) calendar days following your signing of this release. You further are entitled to revoke this

release insofar as it extends to claims or potential claims under the Age Discrimination in Employment Act, to the extent applicable to you, by delivering a notice of your intent to revoke this release within seven (7) calendar days following your signing of it to:

Attn: General Counsel
The Mosaic Company
3033 Campus Drive, Suite E490
Plymouth, MN 55441

To be effective, such written notice must either be delivered by hand or by certified mail, return receipt requested, within such fifteen (15) or seven (7) day time period. The time periods described above shall run concurrently, the day on which you sign this release shall count as the first day of both the fifteen (15) and (7) day time periods, and no allowance will be made should the last day of the time period fall on a weekend or holiday.

Any agreement between you and the Company relating to this release will not become effective until both the rescission and revocation periods have expired, and the Company is not required to pay any amounts pursuant to any agreement relating to this release prior to such time. In the event you provide timely notice of your intent to rescind or revoke this release, the Company may, in its discretion, declare the entire release and any agreement relating to the release null and void. In which case, the Company will have no obligations to you under this release or in connection with any agreement relating to this release, and you shall immediately repay any amounts paid to you as of that date by the Company pursuant to this release or any agreement relating to this release.

Acknowledgment of Knowing and Voluntary Waiver and Also of Release of Claims under the Age Discrimination in Employment Act:

You hereby affirm and acknowledge that you have read the entirety of this General Release, that its provisions are written in language you understand, and, in fact, that you do understand their meaning and effect. You represent that you are entering into the release freely and voluntarily, in exchange for valuable and sufficient consideration to which you are not otherwise entitled.

You further acknowledge and affirm your understanding that, *to the extent applicable to you*, this release specifically refers to rights or claims arising under the Age Discrimination in Employment Act, 29 U.S.C. § 621 *et seq.*, and that such release does not extend to claims arising after the date of execution. You also acknowledge that you have been advised you may take up to twenty-one (21) days to consider whether to enter into this agreement and to consult with an attorney before signing this release.

Severability:

Should any part, term, provision, or aspect of this release or any agreement relating to this release be declared to be or determined by any court to be illegal or invalid, the validity of the remaining parts, terms, provisions, or aspects shall not be affected thereby and the said illegal or invalid part, term, provisions, or aspect shall be deemed not to be a part of this release or any agreement relating to this release.

Acknowledgment:

The persons below have read the foregoing General Release, agree that its provisions are written in language understandable to them, acknowledge the sufficiency of the consideration and obligations described herein, and hereby execute it knowingly and voluntarily with full understanding of its consequences. In witness whereof, the undersigned have executed this General Release on the date shown below.

Dated: _____ Signed: _____
Anthony T. Brausen

Dated: _____ The Mosaic Company
By: _____
Title: _____

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Section 3: EX-31.1 (EXHIBIT 31.1)

Exhibit 31.1

Certification Required by Rule 13a-14(a)

I, James "Joc" C. O'Rourke, certify that:

1. I have reviewed this quarterly report on Form 10-Q of The Mosaic Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent function):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

May 8, 2018

/s/ James "Joc" C. O'Rourke

James "Joc" C. O'Rourke

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Section 4: EX-31.2 (EXHIBIT 31.2)

Exhibit 31.2

Certification Required by Rule 13a-14(a)

I, **Anthony T. Brausen**, certify that:

1. I have reviewed this quarterly report on Form 10-Q of The Mosaic Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent function):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

May 8, 2018

/s/ Anthony T. Brausen

Anthony T. Brausen

Senior Vice President—Finance and interim Chief Financial Officer
The Mosaic Company

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Section 5: EX-32.1 (EXHIBIT 32.1)

**Certification of Chief Executive Officer Required by Rule 13a-14(b)
and Section 1350 of Chapter 63 of Title 18 of the United States Code**

I, **James "Joe" C. O'Rourke, the Chief Executive Officer and President** of The Mosaic Company, certify that (i) the Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2018 of The Mosaic Company fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and (ii) the information contained in such report fairly presents, in all material respects, the financial condition and results of operations of The Mosaic Company.

May 8, 2018

/s/ James "Joe" C. O'Rourke

James "Joe" C. O'Rourke
Chief Executive Officer and President
 The Mosaic Company

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Section 6: EX-32.2 (EXHIBIT 32.2)

Exhibit 32.2

**Certification of Chief Financial Officer Required by Rule 13a-14(b)
and Section 1350 of Chapter 63 of Title 18 of the United States Code**

I, **Anthony T. Brausen, the Senior Vice President—Finance and interim Chief Financial Officer** of The Mosaic Company, certify that (i) the Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2018 of The Mosaic Company fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and (ii) the information contained in such report fairly presents, in all material respects, the financial condition and results of operations of The Mosaic Company.

May 8, 2018

/s/ Anthony T. Brausen

Anthony T. Brausen
Senior Vice President—Finance and interim Chief Financial Officer
 The Mosaic Company

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Section 7: EX-95 (EXHIBIT 95)

Exhibit 95

MINE SAFETY DISCLOSURES

The following table shows, for each of our U.S. mines that is subject to the Federal Mine Safety and Health Act of 1977 (“*MSHA*”), the information required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K. Section references are to sections of MSHA.

	Potash Mine	Florida Phosphate Rock Mines		
	Carlsbad, New Mexico	Four Corners	South Fort Meade	South Pasture
Three Months Ended March 31, 2018				

Section 104 citations for violations of mandatory health or

safety standards that could significantly and substantially contribute to the cause and effect of a mine safety or health hazard (#)	2	—	—	—	—
Section 104(b) orders (#)	—	—	—	—	—
Section 104(d) citations and orders (#)	—	—	—	—	—
Section 110(b)(2) violations (#)	—	—	—	—	—
Section 107(a) orders (#)	—	—	—	—	—
Proposed assessments under MSHA (whole dollars)	\$ 11,879	\$ —	\$ 384	\$ 781	\$ 1,806
Mining-related fatalities (#)	—	—	—	—	—
Section 104(e) notice	No	No	No	No	No
Notice of the potential for a pattern of violations under Section 104(e)	No	No	No	No	No
Legal actions before the Federal Mine Safety and Health Review Commission (“FMSHRC”) initiated (#)	—	—	—	—	1
Legal actions before the FMSHRC resolved (#)	—	1	—	—	—
Legal actions pending before the FMSHRC, end of period:					
Contests of citations and orders referenced in Subpart B of 29 CFR Part 2700 (#)	—	—	—	—	1
Contests of proposed penalties referenced in Subpart C of 29 CFR Part 2700 (#)	—	—	—	—	—
Complaints for compensation referenced in Subpart D of 29 CFR Part 2700 (#)	—	—	—	—	—
Complaints of discharge, discrimination or interference referenced in Subpart E of 29 CFR Part 2700 (#)	—	—	—	—	—
Applications for temporary relief referenced in Subpart F of 29 CFR Part 2700 (#)	—	—	—	—	—
Appeals of judges’ decisions or orders referenced in Subpart H of 29 CFR Part 2700 (#)	—	—	—	—	—
Total pending legal actions (#)	—	—	—	—	2

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