

POTASH CORP OF SASKATCHEWAN INC  
Form 10-Q  
August 02, 2017

**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 June 30, 2017

**OR**

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

Commission File Number 1-10351

**Potash Corporation of Saskatchewan Inc.**

*(Exact name of registrant as specified in its charter)*

|   |   |
|---|---|
| <b>Canada</b><br>(State or other jurisdiction of<br>incorporation or organization)<br><b>122 4 Avenue South</b> | <b>N/A</b><br>(I.R.S. Employer<br>Identification No.) |
| <b>Saskatoon, Saskatchewan, Canada</b><br>(Address of principal executive offices)<br><b>306-933-8500</b>       | <b>S7K 7G3</b><br>(Zip Code)                          |

**(Registrant's telephone number, including area code)**

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Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Sections 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 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, 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.

Large accelerated filer

Non-accelerated filer

(Do not check if a smaller reporting company)

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 Exchange Act Rule 12b-2).

Yes      No

As at June 30, 2017, Potash Corporation of Saskatchewan Inc. had 840,086,574 Common Shares outstanding.

## PART I. FINANCIAL INFORMATION

## Item 1. Financial Statements

## Condensed Consolidated Statements of Income

Unaudited

In millions of US dollars except as otherwise noted

|   | Three Months Ended<br>June 30 |               | Six Months Ended<br>June 30 |               |
|---|-------------------------------|---------------|-----------------------------|---------------|
|   | 2017                          | 2016          | 2017                        | 2016          |
| <b>Sales</b> (Note 2)                           | \$ 1,120                      | \$ 1,053      | \$ 2,232                    | \$ 2,262      |
| Freight, transportation and distribution        | (116)                         | (118)         | (249)                       | (251)         |
| Cost of goods sold                              | (749)                         | (692)         | (1,460)                     | (1,534)       |
| <b>Gross Margin</b>                             | <b>255</b>                    | <b>243</b>    | <b>523</b>                  | <b>477</b>    |
| Selling and administrative expenses             | (48)                          | (55)          | (98)                        | (108)         |
| Provincial mining and other taxes               | (44)                          | (26)          | (78)                        | (57)          |
| Share of earnings of equity-accounted investees | 49                            | 30            | 88                          | 49            |
| Dividend income                                 | 4                             | 16            | 12                          | 16            |
| Impairment of available-for-sale investment     |                               | (10)          |                             | (10)          |
| Other (expenses) income (Note 3)                | (16)                          | 1             | (26)                        | (9)           |
| <b>Operating Income</b>                         | <b>200</b>                    | <b>199</b>    | <b>421</b>                  | <b>358</b>    |
| Finance costs                                   | (61)                          | (54)          | (120)                       | (106)         |
| <b>Income Before Income Taxes</b>               | <b>139</b>                    | <b>145</b>    | <b>301</b>                  | <b>252</b>    |
| Income taxes (Note 4)                           | 62                            | (24)          | 49                          | (56)          |
| <b>Net Income</b>                               | <b>\$ 201</b>                 | <b>\$ 121</b> | <b>\$ 350</b>               | <b>\$ 196</b> |
| <b>Net Income per Share</b>                     |                               |               |                             |               |
| Basic   | \$ 0.24                       | \$ 0.14       | \$ 0.42                     | \$ 0.23       |
| Diluted   | \$ 0.24                       | \$ 0.14       | \$ 0.42                     | \$ 0.23       |
| <b>Weighted Average Shares Outstanding</b>      |                               |               |                             |               |
| Basic   | <b>840,060,000</b>            | 839,285,000   | <b>839,959,000</b>          | 838,202,000   |
| Diluted   | <b>840,124,000</b>            | 839,786,000   | <b>840,111,000</b>          | 839,028,000   |

(See Notes to the Condensed Consolidated Financial Statements)

## Condensed Consolidated Statements of Comprehensive Income (Loss)

Unaudited

In millions of US dollars

| (Net of related income taxes)   | Three Months Ended June 30 |                | Six Months Ended June 30 |              |
|---|----------------------------|----------------|--------------------------|--------------|
|   | 2017                       | 2016           | 2017                     | 2016         |
| <b>Net Income</b>   | \$ 201                     | \$ 121         | \$ 350                   | \$ 196       |
| Other comprehensive income (loss)                                       |                            |                |                          |              |
| Items that will not be reclassified to net income:                      |                            |                |                          |              |
| Net actuarial loss on defined benefit plans <sup>1</sup>                |                            | (103)          |                          | (103)        |
| Items that have been or may be subsequently reclassified to net income: |                            |                |                          |              |
| Available-for-sale investments <sup>2</sup>                             |                            |                |                          |              |
| Net fair value gain (loss) during the period                            | 60                         | (104)          | 93                       | (103)        |
| Cash flow hedges  |                            |                |                          |              |
| Net fair value (loss) gain during the period <sup>3</sup>               | (2)                        | 9              | (7)                      | 3            |
| Reclassification to income of net loss <sup>4</sup>                     | 11                         | 13             | 19                       | 28           |
| Other   |                            | 1              | 3                        | 2            |
| <b>Other Comprehensive Income (Loss)</b>                                | <b>69</b>                  | <b>(184)</b>   | <b>108</b>               | <b>(173)</b> |
| <b>Comprehensive Income (Loss)</b>                                      | <b>\$ 270</b>              | <b>\$ (63)</b> | <b>\$ 458</b>            | <b>\$ 23</b> |

<sup>1</sup> Net of income taxes of \$NIL (2016 \$60) for the three and six months ended June 30, 2017.

<sup>2</sup> Available-for-sale investments are comprised of shares in Israel Chemicals Ltd. ( ICL ), Sinofert Holdings Limited ( Sinofert ) and other.

<sup>3</sup> Cash flow hedges are comprised of natural gas derivative instruments and treasury lock derivatives and were net of income taxes of \$1 (2016 \$(5)) for the three months ended June 30, 2017 and \$4 (2016 \$(2)) for the six months ended June 30, 2017.

<sup>4</sup> Net of income taxes of \$(6) (2016 \$(8)) for the three months ended June 30, 2017 and \$(11) (2016 \$(16)) for the six months ended June 30, 2017.

(See Notes to the Condensed Consolidated Financial Statements)

## Condensed Consolidated Statements of Cash Flow

Unaudited

In millions of US dollars

|  | Three Months Ended<br>June 30 |               | Six Months Ended<br>June 30 |               |
|--|-------------------------------|---------------|-----------------------------|---------------|
|  | 2017                          | 2016          | 2017                        | 2016          |
| <b>Operating Activities</b>  |                               |               |                             |               |
| Net income   | \$ 201                        | \$ 121        | \$ 350                      | \$ 196        |
| Adjustments to reconcile net income to cash provided<br>by operating activities (Note 5) | 151                           | 259           | 295                         | 465           |
| Changes in non-cash operating working capital (Note 5)                                   | (24)                          | 44            | (94)                        | (49)          |
| <b>Cash provided by operating activities</b>   | <b>328</b>                    | <b>424</b>    | <b>551</b>                  | <b>612</b>    |
| <b>Investing Activities</b>  |                               |               |                             |               |
| Additions to property, plant and equipment   | (128)                         | (211)         | (261)                       | (457)         |
| Other assets and intangible assets   | (2)                           | (9)           | (1)                         | (9)           |
| <b>Cash used in investing activities</b>   | <b>(130)</b>                  | <b>(220)</b>  | <b>(262)</b>                | <b>(466)</b>  |
| <b>Financing Activities</b>  |                               |               |                             |               |
| Finance costs on long-term debt obligations  |                               | (2)           | (1)                         | (4)           |
| (Repayment of) proceeds from short-term debt<br>obligations                              | (81)                          | 68            | (60)                        | 404           |
| Dividends  | (82)                          | (206)         | (164)                       | (519)         |
| Issuance of common shares  |                               | 5             | 1                           | 25            |
| <b>Cash used in financing activities</b>   | <b>(163)</b>                  | <b>(135)</b>  | <b>(224)</b>                | <b>(94)</b>   |
| <b>Increase in Cash and Cash Equivalents</b>   | <b>35</b>                     | <b>69</b>     | <b>65</b>                   | <b>52</b>     |
| <b>Cash and Cash Equivalents, Beginning of Period</b>                                    | <b>62</b>                     | <b>74</b>     | <b>32</b>                   | <b>91</b>     |
| <b>Cash and Cash Equivalents, End of Period</b>  | <b>\$ 97</b>                  | <b>\$ 143</b> | <b>\$ 97</b>                | <b>\$ 143</b> |
| Cash and cash equivalents comprised of:  |                               |               |                             |               |
| Cash   | \$ 28                         | \$ 31         | \$ 28                       | \$ 31         |
| Short-term investments   | 69                            | 112           | 69                          | 112           |
|  | \$ 97                         | \$ 143        | \$ 97                       | \$ 143        |

(See Notes to the Condensed Consolidated Financial Statements)

## Condensed Consolidated Statements of Changes in Equity

Unaudited

In millions of US dollars

|  | Share Capital       |        | Accumulated Other Comprehensive (Loss) Income    |  | Other | (Loss) Income | Retained Earnings | Total Equity <sup>1</sup> |   |
|--|---------------------|--------|--|--|-------|---------------|-------------------|---------------------------|---|
|  | Contributed Surplus | sale   | Net gain (loss) on available-for-designated sale | Net (loss) gain on derivatives as cash flow hedges |       |               |                   |                           | Net actuarial loss on defined benefit plans |
| <b>Balance December 31, 2016</b>                                       | \$ 1,798            | \$ 222 | \$ 43  | \$ (60)  | \$ 2  | \$ (8)        | \$ (25)           | \$ 6,204                  | \$ 8,199                                    |
| Net income   |                     |        |  |  |       |               | 350               | 350                       |   |
| Other comprehensive income   |                     |        | 93   | 12   |       | 3             | 108               |                           | 108   |
| Dividends declared   |                     |        |  |  |       |               | (167)             | (167)                     |   |
| Effect of share-based compensation including issuance of common shares | 2                   | 3      |  |  |       |               |                   |                           | 5   |
| Shares issued for dividend reinvestment plan                           | 3                   |        |  |  |       |               |                   |                           | 3   |
| <b>Balance June 30, 2017</b>   | \$ 1,803            | \$ 225 | \$ 136   | \$ (48)  | \$ 2  | \$ (5)        | \$ 83             | \$ 6,387                  | \$ 8,498                                    |
| <b>Balance December 31, 2015</b>                                       | \$ 1,747            | \$ 230 | \$ 77  | \$ (117)   | \$ 2  | \$ (10)       | \$ (50)           | \$ 6,455                  | \$ 8,382                                    |
| Net income   |                     |        |  |  |       |               | 196               | 196                       |   |
| Other comprehensive (loss) income                                      |                     |        | (103)  | 31   | (103) | 2             | (173)             |                           | (173)                                       |
| Dividends declared   |                     |        |  |  |       |               | (421)             | (421)                     |   |

|  |          |        |         |         |      |        |          |          |          |  |    |
|--|----------|--------|---------|---------|------|--------|----------|----------|----------|--|----|
| Effect of share-based compensation including issuance of common shares | 35       | (5)    |         |         |      |        |          |          |          |  | 30 |
| Shares issued for dividend reinvestment plan                           | 10       |        |         |         |      |        |          |          |          |  | 10 |
| Transfer of net actuarial loss on defined benefit plans                |          |        |         |         | 103  |        | 103      | (103)    |          |  |    |
| <b>Balance</b>   |          |        |         |         |      |        |          |          |          |  |    |
| <b>June 30, 2016</b>   | \$ 1,792 | \$ 225 | \$ (26) | \$ (86) | \$ 2 | \$ (8) | \$ (120) | \$ 6,127 | \$ 8,024 |  |    |

<sup>1</sup> All equity transactions were attributable to common shareholders.

<sup>2</sup> Any amounts incurred during a period are closed out to retained earnings at each period-end. Therefore, no balance exists at the beginning or end of period.

(See Notes to the Condensed Consolidated Financial Statements)

## Condensed Consolidated Statements of Financial Position

Unaudited

In millions of US dollars except as otherwise noted

| As at                                     | June 30,<br>2017 | December 31,<br>2016 |
|---|------------------|----------------------|
| <b>Assets</b>                             |                  |                      |
| Current assets                            |                  |                      |
| Cash and cash equivalents                 | \$ 97            | \$ 32                |
| Receivables                               | 499              | 545                  |
| Inventories (Note 6)                      | 845              | 768                  |
| Prepaid expenses and other current assets | 65               | 49                   |
|   | <b>1,506</b>     | <b>1,394</b>         |
| Non-current assets                        |                  |                      |
| Property, plant and equipment             | 13,190           | 13,318               |
| Investments in equity-accounted investees | 1,178            | 1,173                |
| Available-for-sale investments            | 1,033            | 940                  |
| Other assets                              | 239              | 250                  |
| Intangible assets                         | 173              | 180                  |
| <b>Total Assets</b>                       | <b>\$ 17,319</b> | <b>\$ 17,255</b>     |

(See Notes to the Condensed Consolidated Financial Statements)

|  | June 30,<br>2017 | December 31,<br>2016 |
|--|------------------|----------------------|
| <b>Liabilities</b>   |                  |                      |
| Current liabilities  |                  |                      |
| Short-term debt and current portion of long-term debt        | \$ 824           | \$ 884               |
| Payables and accrued charges                                 | 664              | 772                  |
| Current portion of derivative instrument liabilities         | 42               | 41                   |
|  | <b>1,530</b>     | <b>1,697</b>         |
| Non-current liabilities                                      |                  |                      |
| Long-term debt   | 3,708            | 3,707                |
| Derivative instrument liabilities                            | 42               | 56                   |
| Deferred income tax liabilities                              | 2,375            | 2,463                |
| Pension and other post-retirement benefit liabilities        | 475              | 443                  |
| Asset retirement obligations and accrued environmental costs | 640              | 643                  |
| Other non-current liabilities and deferred credits           | 51               | 47                   |
| <b>Total Liabilities</b>                                     | <b>8,821</b>     | <b>9,056</b>         |
| <b>Shareholders Equity</b>                                   |                  |                      |
| Share capital (Note 7)                                       | 1,803            | 1,798                |
| Contributed surplus  | 225              | 222                  |
| Accumulated other comprehensive income (loss)                | 83               | (25)                 |
| Retained earnings  | 6,387            | 6,204                |
| <b>Total Shareholders Equity</b>                             | <b>8,498</b>     | <b>8,199</b>         |
| <b>Total Liabilities and Shareholders Equity</b>             | <b>\$ 17,319</b> | <b>\$ 17,255</b>     |

(See Notes to the Condensed Consolidated Financial Statements)



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Notes to the Condensed Consolidated Financial Statements

For the Three and Six Months Ended June 30, 2017

Unaudited

In millions of US dollars except as otherwise noted

1. Significant Accounting Policies

Basis of Presentation

With its subsidiaries, Potash Corporation of Saskatchewan Inc. ( PCS ) together known as PotashCorp or the company except to the extent the context otherwise requires forms a crop nutrient and related industrial and feed products company. These unaudited interim condensed consolidated financial statements ( interim financial statements ) are based on International Financial Reporting Standards as issued by the International Accounting Standards Board ( IFRS ), and have been prepared in accordance with International Accounting Standard ( IAS ) 34, Interim Financial Reporting. The accounting policies and methods of computation used in preparing these interim financial statements are consistent with those used in the preparation of the company s 2016 annual consolidated financial statements.

These interim financial statements include the accounts of PCS and its subsidiaries; however, they do not include all disclosures normally provided in annual consolidated financial statements and should be read in conjunction with the company s 2016 annual consolidated financial statements. In management s opinion, the interim financial statements include all adjustments necessary to fairly present such information. Interim results are not necessarily indicative of the results expected for any other interim period or the fiscal year.

These interim financial statements were authorized by the audit committee of the Board of Directors for issue on August 2, 2017.

Standards, Amendments and Interpretations Effective and Applied

The International Accounting Standards Board ( IASB ) and International Financial Reporting Interpretations Committee ( IFRIC ) have issued the following standards and amendments or interpretations to existing standards that were effective and applied by the company.

| Standard  | Description  | Impact   |
|---|--|--|
| <b>Amendments to IAS 7, Statement of Cash Flows</b> | Issued to require a reconciliation of the opening and closing liabilities that form part of an entity s financing activities, including both changes arising from cash flows and non-cash changes. | Adopted prospectively effective January 1, 2017, with required disclosures included in Note 5. |

|   |  |   |
|---|--|---|
| <b>Amendments to IAS 12, Income Taxes</b> | Issued to clarify the requirements on recognition of deferred tax assets for unrealized losses on debt instruments measured at fair value. | Adopted effective January 1, 2017, with no change to the company's interim financial statements. No changes are expected to the company's annual consolidated financial statements. |
|---|--|---|

### Standards, Amendments and Interpretations Not Yet Effective and Not Applied

The IASB and IFRIC have issued the following standards and amendments or interpretations to existing standards that were not yet effective and not applied as at June 30, 2017. The company does not anticipate early adoption of these standards at this time.

| Standard  | Description   | Expected Impact  | Effective Date <sup>1</sup>   |
|---|---|--|---|
| <b>IFRS 15, Revenue From Contracts With Customers</b>   | Issued to provide guidance on the recognition of revenue from contracts with customers, including multiple-element arrangements and transactions not previously addressed comprehensively, and to enhance disclosures about revenue.  | The company is reviewing the standard to determine the potential impact, if any.                         | January 1, 2018, applied retrospectively with certain practical expedients available. |
| <b>IFRS 9, Financial Instruments</b>                    | Issued to replace IAS 39, providing guidance on the classification, measurement and disclosure of financial instruments and introducing a new hedge accounting model.   | The company is reviewing the standard to determine the potential impact, if any.                         | January 1, 2018, applied retrospectively with certain exceptions.                     |
| <b>Amendments to IFRS 2, Share-Based Payment</b>        | Issued to provide clarification on the classification and measurement of share-based transactions. Specifically, accounting for cash-settled share-based transactions, share-based payment transactions with a net settlement feature and modifications of share-based payment transactions that change classification from cash-settled to equity settled.   | The company is reviewing the standard to determine the potential impact, if any.                         | January 1, 2018, with the option of retrospective or prospective application.         |
| <b>IFRS 16, Leases</b>                                  | Issued to supersede IAS 17, IFRIC 4, SIC-15 and SIC-27, providing the principles for the recognition, measurement, presentation and disclosure of leases. Lessees will be required to recognize assets and liabilities for the rights and obligations created by leases. Lessors will continue to classify leases using a similar approach to that of the superseded standards but with enhanced disclosure to improve information about a lessor's risk exposure, particularly to residual value risk. | The company is reviewing the standard to determine the potential impact.                                 | January 1, 2019, applied retrospectively with certain practical expedients available. |
| <b>IFRIC 23, Uncertainty Over Income Tax Treatments</b> | Issued to provide guidance on recognition and measurement of uncertain income tax treatments.   | The company is reviewing the standard to determine the potential impact, if any.                         | January 1, 2019, applied retrospectively with certain practical expedients available. |
| <b>IFRS 17, Insurance Contracts</b>                     | Issued to replace IFRS 4, providing guidance for the recognition, measurement, presentation and disclosure of insurance contracts giving consideration to: substantive rights and obligations arising from a contract, law or regulation; enforceable rights and obligations in   | Although the company does not underwrite insurance contracts, all significant contracts will be reviewed | January 1, 2021, applied retrospectively with certain practical expedients available. |

a contract; and whether contracts are written, oral or implied by customary business practices. under the scope of the standard to determine the potential impact, if any.

<sup>1</sup> Effective date for annual periods beginning on or after the stated date.

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## 2. Segment Information

The company has three reportable operating segments: potash, nitrogen and phosphate. These segments are differentiated by the chemical nutrient contained in the products that each produces. The accounting policies of the segments are the same as those described in Note 1 and are measured in a manner consistent with that of the financial statements. Inter-segment sales are made under terms that approximate market value. The company's operating segments have been determined based on reports, used to make strategic decisions, that are reviewed by the Chief Executive Officer, assessed to be the company's chief operating decision-maker.

|  | Three Months Ended June 30, 2017 |          |           |            |              |
|--|----------------------------------|----------|-----------|------------|--------------|
|  | Potash                           | Nitrogen | Phosphate | All Others | Consolidated |
| Sales - third party  | \$ 461                           | \$ 384   | \$ 275    | \$         | \$ 1,120     |
| Freight, transportation and distribution - third party                                       | (50)                             | (32)     | (34)      |            | (116)        |
| Net sales - third party  | 411                              | 352      | 241       |            |              |
| Cost of goods sold - third party   | (198)                            | (292)    | (259)     |            | (749)        |
| Margin (cost) on inter-segment sales <sup>1</sup>  |                                  | 8        | (8)       |            |              |
| Gross margin   | 213                              | 68       | (26)      |            | 255          |
| Items included in cost of goods sold, selling and administrative expenses or other expenses: |                                  |          |           |            |              |
| Depreciation and amortization  | (56)                             | (47)     | (56)      | (9)        | (168)        |
| Assets   | 9,787                            | 2,466    | 2,265     | 2,801      | 17,319       |
| Cash outflows for additions to property, plant and equipment                                 | 36                               | 40       | 51        | 1          | 128          |

<sup>1</sup> Inter-segment net sales were \$17.

|  | Three Months Ended June 30, 2016 |          |           |            |              |
|--|----------------------------------|----------|-----------|------------|--------------|
|  | Potash                           | Nitrogen | Phosphate | All Others | Consolidated |
| Sales - third party  | \$ 393                           | \$ 383   | \$ 277    | \$         | \$ 1,053     |
| Freight, transportation and distribution - third party                                       | (64)                             | (27)     | (27)      |            | (118)        |
| Net sales - third party  | 329                              | 356      | 250       |            |              |
| Cost of goods sold - third party   | (206)                            | (236)    | (250)     |            | (692)        |
| Margin (cost) on inter-segment sales <sup>1</sup>  |                                  | 10       | (10)      |            |              |
| Gross margin   | 123                              | 130      | (10)      |            | 243          |
| Items included in cost of goods sold, selling and administrative expenses or other expenses: |                                  |          |           |            |              |
| Depreciation and amortization  | (52)                             | (52)     | (55)      | (9)        | (168)        |
| Share of Canpotex's Prince Rupert project exit costs   | (33)                             |          |           |            | (33)         |
| Assets   | 9,780                            | 2,509    | 2,323     | 2,714      | 17,326       |
| Cash outflows for additions to property, plant and equipment                                 | 74                               | 65       | 45        | 27         | 211          |

<sup>1</sup> Inter-segment net sales were \$17.

<sup>2</sup> Canpotex Limited ( Canpotex ).

## Six Months Ended June 30, 2017

|  | Potash | Nitrogen | Phosphate | All Others | Consolidated |
|--|--------|----------|-----------|------------|--------------|
| Sales third party  | \$ 890 | \$ 759   | \$ 583    | \$         | \$ 2,232     |
| Freight, transportation and distribution third party   | (114)  | (64)     | (71)      |            | (249)        |
| Net sales third party  | 776    | 695      | 512       |            |              |
| Cost of goods sold third party   | (403)  | (549)    | (508)     |            | (1,460)      |
| Margin (cost) on inter-segment sales <sup>1</sup>  |        | 19       | (19)      |            |              |
| Gross margin   | 373    | 165      | (15)      |            | 523          |
| Items included in cost of goods sold, selling and administrative expenses or other expenses: |        |          |           |            |              |
| Depreciation and amortization  | (111)  | (97)     | (114)     | (18)       | (340)        |
| Assets   | 9,787  | 2,466    | 2,265     | 2,801      | 17,319       |
| Cash outflows for additions to property, plant and equipment                                 | 81     | 73       | 102       | 5          | 261          |

<sup>1</sup> Inter-segment net sales were \$39.

## Six Months Ended June 30, 2016

|  | Potash | Nitrogen | Phosphate | All Others | Consolidated |
|--|--------|----------|-----------|------------|--------------|
| Sales third party  | \$ 774 | \$ 811   | \$ 677    | \$         | \$ 2,262     |
| Freight, transportation and distribution third party   | (123)  | (60)     | (68)      |            | (251)        |
| Net sales third party  | 651    | 751      | 609       |            |              |
| Cost of goods sold third party   | (440)  | (534)    | (560)     |            | (1,534)      |
| Margin (cost) on inter-segment sales <sup>1</sup>  |        | 20       | (20)      |            |              |
| Gross margin   | 211    | 237      | 29        |            | 477          |
| Items included in cost of goods sold, selling and administrative expenses or other expenses: |        |          |           |            |              |
| Depreciation and amortization  | (100)  | (106)    | (112)     | (17)       | (335)        |
| Share of Canpotex's Prince Rupert project exit costs   | (33)   |          |           |            | (33)         |
| Termination benefit costs  | (32)   |          |           |            | (32)         |
| Impairment of property, plant and equipment  |        |          | (27)      |            | (27)         |
| Assets   | 9,780  | 2,509    | 2,323     | 2,714      | 17,326       |
| Cash outflows for additions to property, plant and equipment                                 | 165    | 134      | 88        | 70         | 457          |

<sup>1</sup> Inter-segment net sales were \$34.



## 3. Other (Expenses) Income

|                                      | Three Months Ended June 30 |        | Six Months Ended June 30 |         |
|--------------------------------------|----------------------------|--------|--------------------------|---------|
|                                      | 2017                       | 2016   | 2017                     | 2016    |
| Foreign exchange loss                | \$ (9)                     | \$ (2) | \$ (8)                   | \$ (19) |
| Proposed Transaction costs (Note 13) | (14)                       |        | (23)                     |         |
| Other income                         | 7                          | 3      | 5                        | 10      |
|                                      | \$ (16)                    | \$ 1   | \$ (26)                  | \$ (9)  |

## 4. Income Taxes

A separate estimated average annual effective tax rate was determined for each taxing jurisdiction and applied individually to the interim period pre-tax income of each jurisdiction.

|   | Three Months Ended June 30 |        | Six Months Ended June 30 |       |
|---|----------------------------|--------|--------------------------|-------|
|   | 2017                       | 2016   | 2017                     | 2016  |
| Income tax (recovery) expense                       | \$ (62)                    | \$ 24  | \$ (49)                  | \$ 56 |
| Actual effective tax rate on ordinary earnings      | 7%                         | 17%    | 9%                       | 21%   |
| Actual effective tax rate including discrete items  | (44%)                      | 16%    | (16%)                    | 22%   |
| Discrete tax adjustments that impacted the tax rate | \$ (71)                    | \$ (4) | \$ (76)                  | \$    |

Significant items to note include the following:

- The actual effective tax rate on ordinary earnings for the three and six months ended June 30, 2017 decreased compared to the same periods last year primarily due to significantly lower forecasted annual earnings in the United States.
- In the second quarter of 2017, a discrete deferred tax recovery of \$68 was recorded as a result of a Saskatchewan income tax rate decrease.

Income tax balances within the condensed consolidated statements of financial position were comprised of the following:

|                                |  | June 30, | December 31, |
|--------------------------------|--|----------|--------------|
|                                |  | 2017     | 2016         |
| <b>Income Tax Assets</b>       | <b>Statements of Financial Position Location</b> |          |              |
| <b>(Liabilities)</b>           |  |          |              |
| Current income tax assets      |  |          |              |
| Current                        | Receivables                                      | \$ 43    | \$ 41        |
| Non-current                    | Other assets                                     | 60       | 67           |
| Deferred income tax assets     | Other assets                                     | 10       | 10           |
| Total income tax assets        |  | \$ 113   | \$ 118       |
| Current income tax liabilities |  |          |              |

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|                                 |  |            |            |
|---------------------------------|--|------------|------------|
| Current                         | Payables and accrued charges                       | \$ (7)     | \$ (25)    |
| Non-current                     | Other non-current liabilities and deferred credits | (47)       | (43)       |
| Deferred income tax liabilities | Deferred income tax liabilities                    | (2,375)    | (2,463)    |
| Total income tax liabilities    |  | \$ (2,429) | \$ (2,531) |

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## 5. Consolidated Statements of Cash Flow

|  | Three Months Ended June 30 |        | Six Months Ended June 30 |        |
|--|----------------------------|--------|--------------------------|--------|
|  | 2017                       | 2016   | 2017                     | 2016   |
| <b>Reconciliation of cash provided by operating activities</b>               |                            |        |                          |        |
| Net income   | \$ 201                     | \$ 121 | \$ 350                   | \$ 196 |
| Adjustments to reconcile net income to cash provided by operating activities |                            |        |                          |        |
| Depreciation and amortization  | 168                        | 168    | 340                      | 335    |
| Impairment of property, plant and equipment                                  |                            |        |                          | 27     |
| Net distributed (undistributed) earnings of equity-accounted investees       | 35                         | 61     | (2)                      | 44     |
| Impairment of available-for-sale investment                                  |                            | 10     |                          | 10     |
| Share-based compensation   | 2                          | 3      | 7                        | 5      |
| Recovery of deferred income tax  | (82)                       | (7)    | (96)                     | (1)    |
| Pension and other post-retirement benefits                                   | 18                         | 13     | 33                       | 28     |
| Asset retirement obligations and accrued environmental costs                 | 3                          | 9      | 2                        | 25     |
| Other long-term liabilities and miscellaneous                                | 7                          | 2      | 11                       | (8)    |
| Subtotal of adjustments  | 151                        | 259    | 295                      | 465    |
| <b>Changes in non-cash operating working capital</b>                         |                            |        |                          |        |
| Receivables  | 23                         | 186    | 38                       | 145    |
| Inventories  | (9)                        | (51)   | (58)                     | (43)   |
| Prepaid expenses and other current assets                                    | (9)                        | 5      | (14)                     | 3      |
| Payables and accrued charges   | (29)                       | (96)   | (60)                     | (154)  |
| Subtotal of changes in non-cash operating working capital                    | (24)                       | 44     | (94)                     | (49)   |
| <b>Cash provided by operating activities</b>                                 | \$ 328                     | \$ 424 | \$ 551                   | \$ 612 |
| <b>Supplemental cash flow disclosure</b>                                     |                            |        |                          |        |
| Interest paid  | \$ 74                      | \$ 64  | \$ 103                   | \$ 93  |
| Income taxes paid  | \$ 38                      | \$ 35  | \$ 53                    | \$ 46  |

The following is a summary of changes in liabilities arising from financing activities:

|  | December 31,<br>2016 | Cash Flows <sup>1</sup> | Non-cash<br>Changes | June 30,<br>2017 |
|--|----------------------|-------------------------|---------------------|------------------|
| Short-term debt and current portion of long-term debt <sup>1</sup> | \$ 884               | \$ (60)                 | \$                  | \$ 824           |
| Long-term debt   | 3,707                | (1)                     | 2                   | 3,708            |
| Total liabilities from financing activities                        | \$ 4,591             | \$ (61)                 | \$ 2                | \$ 4,532         |

<sup>1</sup> Cash inflows and cash outflows arising from short-term debt transactions are presented on a net basis.

## 6. Inventories

|                        | June 30,<br>2017 | December 31,<br>2016 |
|------------------------|------------------|----------------------|
| Finished products      | \$ 320           | \$ 269               |
| Intermediate products  | 200              | 174                  |
| Raw materials          | 68               | 75                   |
| Materials and supplies | 257              | 250                  |
|                        | \$ 845           | \$ 768               |

The following items affected cost of goods sold during the period:

|   | Three Months Ended June 30 |        | Six Months Ended June 30 |          |
|---|----------------------------|--------|--------------------------|----------|
|   | 2017                       | 2016   | 2017                     | 2016     |
| Expensed inventories before the following items   | \$ 661                     | \$ 587 | \$ 1,345                 | \$ 1,299 |
| Reserves, reversals and writedowns of inventories | 29                         | 20     | 33                       | 19       |
|   | \$ 690                     | \$ 607 | \$ 1,378                 | \$ 1,318 |

The carrying amount of inventory recorded at net realizable value was \$118 as at June 30, 2017 (December 31, 2016 \$47), with the remaining inventory recorded at cost.

## 7. Share Capital

## Authorized

The company is authorized to issue an unlimited number of common shares without par value and an unlimited number of first preferred shares. The common shares are not redeemable or convertible. The first preferred shares may be issued in one or more series with rights and conditions to be determined by the Board of Directors. No first preferred shares have been issued.

## Issued

|                                       | Number of          |                 |
|---------------------------------------|--------------------|-----------------|
|                                       | Common Shares      | Consideration   |
| <b>Balance December 31, 2016</b>      | 839,790,379        | \$ 1,798        |
| Issued under option plans             | 114,900            | 2               |
| Issued for dividend reinvestment plan | 181,295            | 3               |
| <b>Balance June 30, 2017</b>          | <b>840,086,574</b> | <b>\$ 1,803</b> |
| Dividends Declared                    |                    |                 |

The company declared dividends per share of \$0.10 (2016 \$0.25) during the three months ended June 30, 2017 and \$0.20 (2016 \$0.50) during the six months ended June 30, 2017.

Under the terms of the agreement governing the Proposed Transaction, as described in Note 13, the company is permitted to pay quarterly dividends up to but not in excess of levels existing at the time of signing such agreement.



## 8. Share-Based Compensation

During the three and six months ended June 30, 2017, the company issued stock options and performance share units ( PSUs ) to eligible employees under the 2016 Long-Term Incentive Plan ( LTIP ). Information on stock options and PSUs is summarized below:

|                    | LTIP                        |  | Expense for all employee share-based compensation plans |      |                             |       |
|--------------------|-----------------------------|--|---|------|-----------------------------|-------|
|                    | Units<br>Granted<br>in 2017 | Units<br>Outstanding<br>as at<br>June 30, 2017 | Three Months<br>Ended<br>June 30                        |      | Six Months Ended<br>June 30 |       |
|                    |                             |  | 2017  | 2016 | 2017                        | 2016  |
|                    |                             |  | \$  | \$   | \$                          | \$    |
| Stock options      | 1,482,829                   | 4,511,906                                      | \$ 2  | \$ 5 | \$ 5                        | \$ 6  |
| Share-settled PSUs | 555,918                     | 959,700  | 1   | 2    | 2                           | 2     |
| Cash-settled PSUs  | 857,774                     | 1,538,826                                      |   | 2    | 2                           | 4     |
|                    |                             |  | \$ 3  | \$ 9 | \$ 9                        | \$ 12 |

Grant date fair value per unit for stock options and share-settled PSUs granted during the first quarter of 2017 was \$4.36 and \$19.93, respectively.

## Stock Options

Under the LTIP, stock options generally vest and become exercisable on the third anniversary of the grant date, subject to continuous employment or retirement, and have a maximum term of 10 years. The weighted average fair value of stock options granted was estimated as of the date of grant using the Black-Scholes-Merton option-pricing model with the following weighted average assumptions:

|                                    |           |
|------------------------------------|-----------|
| Exercise price per option          | \$ 18.71  |
| Expected annual dividend per share | \$ 0.40   |
| Expected volatility                | 29%       |
| Risk-free interest rate            | 1.67%     |
| Expected life of options           | 5.7 years |

## Performance Share Units

PSUs granted under the LTIP in 2017 vest based on the achievement of performance metrics, over three years, comprising 1) the relative ranking of the company's total shareholder return compared with a specified peer group using a Monte Carlo simulation option-pricing model and 2) the outcome of the company's cash flow return on investment compared with its weighted average cost of capital. Compensation cost is measured based on 1) the grant date fair value of the units, adjusted for the company's best estimate of the outcome of non-market vesting conditions at the end of each period for share-settled PSUs and 2) period-end fair value of the awards for cash-settled PSUs. PSUs granted under the LTIP settle in shares for grantees who are subject to the company's share ownership guidelines and in cash for all other grantees.

<sup>1</sup> The company's cash flow return on investment compared with its weighted average cost of capital is a non-market vesting condition as performance is not tied to the company's share price or relative share price.

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## 9. Financial Instruments

## Fair Value

Estimated fair values for financial instruments are designed to approximate amounts for which the instruments could be exchanged in a current arms-length transaction between knowledgeable, willing parties. The valuation policies and procedures for financial reporting purposes are determined by the company's finance department.

Financial instruments included in the unaudited interim condensed consolidated statements of financial position are measured either at fair value or amortized cost. The tables below explain the valuation methods used to determine the fair value of each financial instrument and its associated level in the fair value hierarchy.

## Financial Instruments Measured at Fair Value Fair Value Method

## Cash and cash equivalents

Carrying amount (approximation to fair value assumed due to short-term nature).

## Available-for-sale investments

Closing bid price of the common shares (Level 1) as at the statements of financial position dates.

## Foreign currency derivatives not traded in an active market

Quoted forward exchange rates (Level 2) as at the statements of financial position dates.

## Natural gas swaps not traded in an active market

A discounted cash flow model.<sup>1</sup>

<sup>1</sup> Inputs included contractual cash flows based on prices for natural gas futures contracts, fixed prices and notional volumes specified by the swap contracts, the time value of money, liquidity risk, the company's own credit risk (related to instruments in a liability position) and counterparty credit risk (related to instruments in an asset position). Futures contract prices used as inputs in the model were supported by prices quoted in an active market and therefore categorized in Level 2.

## Financial Instruments Measured at Amortized Cost

## Fair Value Method

## Receivables, short-term debt and payables and accrued charges

Carrying amount (approximation to fair value assumed due to short-term nature).

## Long-term debt senior notes

Quoted market prices (Level 1 or 2 depending on the market liquidity of the debt).

## Other long-term debt instruments

Carrying amount.

Presented below is a comparison of the fair value of the company's senior notes to their carrying values.

|                             | June 30, 2017                             |                         | December 31, 2016                         |                         |
|-----------------------------|---|-------------------------|---|-------------------------|
|                             | Carrying Amount of Liability <sup>1</sup> | Fair Value of Liability | Carrying Amount of Liability <sup>1</sup> | Fair Value of Liability |
| Long-term debt senior notes | \$ 4,204                                  | \$ 4,547                | \$ 4,202                                  | \$ 4,384                |

<sup>1</sup> Includes net unamortized debt issue costs.





The following table presents the company's fair value hierarchy for financial assets and financial liabilities carried at fair value on a recurring basis:

|   | Carrying<br>Amount of<br>Asset (Liability) | Fair Value Measurements at<br>Reporting Dates Using:<br>Quoted Prices  |   |
|---|--|--|---|
|   |  | in Active<br>Markets for<br>Identical Assets<br>(Level 1) <sup>1</sup> | Significant<br>Other<br>Observable Inputs<br>(Level 2) <sup>1,2</sup> |
| <b>June 30, 2017</b>                        |  |  |   |
| Derivative instrument assets                |  |  |   |
| Natural gas derivatives                     | \$ 7                                       | \$   | \$ 7  |
| Available-for-sale investments <sup>3</sup> | 1,033                                      | 1,033  |   |
| Derivative instrument liabilities           |  |  |   |
| Natural gas derivatives                     | (84)                                       |  | (84)  |
| <b>December 31, 2016</b>                    |  |  |   |
| Derivative instrument assets                |  |  |   |
| Natural gas derivatives                     | \$ 6                                       | \$   | \$ 6  |
| Available-for-sale investments <sup>3</sup> | 940  | 940  |   |
| Derivative instrument liabilities           |  |  |   |
| Natural gas derivatives                     | (97)                                       |  | (97)  |

<sup>1</sup> During the six months ended June 30, 2017 and twelve months ended December 31, 2016, there were no transfers between Level 1 and Level 2. The company's policy is to recognize transfers at the end of the reporting period.

<sup>2</sup> During the six months ended June 30, 2017 and twelve months ended December 31, 2016, there were no amounts categorized as Level 3.

<sup>3</sup> Available-for-sale investments are comprised of shares in ICL, Sinofert and other.

## 10. Seasonality

The company's sales of fertilizer can be seasonal. Typically, fertilizer sales are highest in the second quarter of the year, due to the Northern Hemisphere's spring planting season. However, planting conditions and the timing of customer purchases will vary each year, and fertilizer sales can be expected to shift from one quarter to another. Feed and industrial sales are more evenly distributed throughout the year.

## 11. Contingencies and Other Matters

### *Canpotex*

PCS is a shareholder in Canpotex Limited (Canpotex), which markets Canadian potash offshore. Should any operating losses or other liabilities be incurred by Canpotex, the shareholders have contractually agreed to reimburse it for such losses or liabilities in proportion to each shareholder's productive capacity. Through June 30, 2017, there were no such operating losses or other liabilities.

*Mining Risk*

The risk of underground water inflows, as with most other underground risks, is currently not insured.

*Legal and Other Matters*

The company is engaged in ongoing site assessment and/or remediation activities at a number of facilities and sites, and anticipated costs associated with these matters are added to accrued environmental costs in the manner previously described in Note 18 to the company's 2016 annual consolidated financial statements. This includes matters related to investigation of potential brine migration at certain of the potash sites. The following environmental site assessment and/or remediation matters have uncertainties that may not be fully reflected in the amounts accrued for those matters:

*Nitrogen and Phosphate*

The US Environmental Protection Agency ( USEPA ) has identified PCS Nitrogen, Inc. ( PCS Nitrogen ) as a potentially responsible party at the Planters Property or Columbia Nitrogen site in Charleston, South Carolina. PCS Nitrogen is subject to a final judgment by the US District Court for the District of South Carolina allocating 30 percent of the liability for response costs at the site to PCS Nitrogen, as well as a proportional share of any costs that cannot be recovered from another responsible party. In December 2013, the USEPA issued an order to PCS Nitrogen and four other respondents requiring them jointly and severally to conduct certain cleanup work at the site and reimburse the USEPA's costs for overseeing that work. PCS Nitrogen is currently performing the work required by the USEPA order. The USEPA

also has requested reimbursement of approximately \$5 of previously incurred response costs. The ultimate amount of liability for PCS Nitrogen depends upon, among other factors, the final outcome of litigation to impose liability on additional parties, the amount needed for remedial activities, the ability of other parties to pay and the availability of insurance.

PCS Phosphate has been identified as a responsible party at the Ward Transformer Superfund Site in Raleigh, North Carolina ( Site ). In the past, PCS Phosphate worked with certain other responsible parties to address PCB soil contamination at the Site pursuant to an agreement with the USEPA. The response actions are nearly complete at an estimated cost of \$80, including anticipated remaining work on the Site. The USEPA also sought remediation in certain downstream areas that are referred to as Operable Unit 1 . PCS Phosphate signed a Consent Decree with the USEPA for Operable Unit 1 in September 2016 that is not expected to require PCS Phosphate to incur any additional remediation costs. Litigation for the recovery of incurred cleanup costs was resolved through mediation and entry of the Consent Decree.

In 1996, PCS Nitrogen Fertilizer, L.P. ( PCS Nitrogen Fertilizer ), then known as Arcadian Fertilizer, L.P., entered into a Consent Order (the Order ) with the Georgia Environmental Protection Division ( GEPD ) in conjunction with PCS Nitrogen Fertilizer s acquisition of real property in Augusta, Georgia. Under the Order, PCS Nitrogen Fertilizer is required to perform certain activities to investigate and, if necessary, implement corrective measures for substances in soil and groundwater. The investigation has proceeded and the results have been presented to GEPD. Two interim corrective measures for substances in groundwater have been proposed by PCS Nitrogen Fertilizer and approved by GEPD. PCS Nitrogen Fertilizer is implementing the approved interim corrective measures, which may be modified by PCS Nitrogen Fertilizer from time to time, but it is unable to estimate with reasonable certainty the total cost of its correction action obligations under the Order at this time.

Based on current information and except for the uncertainties described in the preceding paragraphs, the company does not believe that its future obligations with respect to these facilities and sites are reasonably likely to have a material adverse effect on its consolidated financial statements.

Other legal matters with significant uncertainties include the following:

#### *Nitrogen and Phosphate*

The USEPA has an ongoing initiative to evaluate implementation within the phosphate industry of a particular exemption for mineral processing wastes under the hazardous waste program. In connection with this industry-wide initiative, the USEPA conducted inspections at numerous phosphate operations and notified the company of alleged violations of the US Resource Conservation and Recovery Act ( RCRA ) at its plants in Aurora, North Carolina; Geismar, Louisiana; and White Springs, Florida. The company has entered into RCRA 3013 Administrative Orders on Consent and has performed certain site assessment activities at all of these plants. At this time, the company does not know the scope of action, if any, that may be required. As to the alleged RCRA violations, the company continues to participate in settlement discussions with the USEPA but is uncertain if any resolution will be possible without litigation, or, if litigation occurs, what the outcome would be. The company routinely monitors public information about the impacts of the initiative on other industry members, and it regularly considers this information in establishing the appropriate asset retirement obligations and accruals.

In August 2015, the USEPA finalized amendments to the hazardous air pollutant emission standards for phosphoric acid manufacturing and phosphate fertilizer production ( Final Rule ). The Final Rule includes certain

new requirements for monitoring and emissions that are infeasible for the company to satisfy in a timely manner. As a result, in October 2015, the company petitioned the USEPA to reconsider certain aspects of the Final Rule and separately asked the US Court of Appeals for the District of Columbia Circuit to review the Final Rule. Subsequent to these requests, required emissions testing at our Aurora facility in 2016 indicated alleged exceedances of the mercury emission limits that were established by the Final Rule. The company has communicated with the relevant agencies about this issue and supplemented its filings with the USEPA and the court to include reconsideration and review of the mercury emission limits. The facility also entered into an agreed order with the North Carolina Department of Environmental Quality ( NCDEQ ) in November 2016 to resolve the alleged mercury exceedances and provide a plan and schedule for evaluating alternative compliance strategies. In December 2016, the USEPA proposed amendments to the Final Rule to address certain monitoring requirements raised in the company's request for reconsideration. The company submitted comments on the proposal and will wait for final USEPA action on all petition issues before determining whether to proceed with the court action, which is being held in abeyance pending the outcome of the USEPA reconsideration proceeding. Given the pending legal issues and the company's evaluation of alternative compliance strategies, the resulting cost of compliance with the various provisions of the Final Rule cannot be predicted with reasonable certainty at this time.

*General*

The countries where we operate are parties to the Paris Agreement adopted in December 2015 pursuant to the United Nations Framework Convention on Climate Change. Each country that is a party to the Paris Agreement submitted an Intended Nationally Determined Contribution ( INDC ) toward the control of greenhouse gas emissions. The impacts of these INDCs on the company's operations cannot be determined with any certainty at this time. In October 2016, the Canadian government announced a national plan to put a price on carbon emissions

beginning in 2018 of \$10 per tonne and increasing by \$10 per tonne each year through 2022, to be implemented either through a carbon tax or a cap and trade program at the election of each province. The province of Saskatchewan is considering various alternative approaches to address the national plan. Other countries where the company operates have not at this time announced similar regulatory plans that would appear to have a significant impact on company operations. The company is monitoring these developments and their future effect on its operations cannot be determined with certainty at this time.

In addition, various other claims and lawsuits are pending against the company in the ordinary course of business. While it is not possible to determine the ultimate outcome of such actions at this time, and inherent uncertainties exist in predicting such outcomes, it is the company's belief that the ultimate resolution of such actions is not reasonably likely to have a material adverse effect on its consolidated financial statements.

The breadth of the company's operations and the global complexity of tax regulations require assessments of uncertainties and judgments in estimating the taxes it will ultimately pay. The final taxes paid are dependent upon many factors, including negotiations with taxing authorities in various jurisdictions, outcomes of tax litigation and resolution of disputes arising from federal, provincial, state and local tax audits. The resolution of these uncertainties and the associated final taxes may result in adjustments to the company's tax assets and tax liabilities.

The company owns facilities that have been either permanently or indefinitely shut down. It expects to incur nominal annual expenditures for site security and other maintenance costs at certain of these facilities. Should the facilities be dismantled, certain other shutdown-related costs may be incurred. Such costs are not expected to have a material adverse effect on the company's consolidated financial statements and would be recognized and recorded in the period in which they are incurred.

## 12. Related Party Transactions

The company sells potash from its Canadian mines for use outside Canada and the US exclusively to Canpotex. Sales are at prevailing market prices and are settled on normal trade terms. Sales to Canpotex for the three months ended June 30, 2017 were \$276 (2016 \$159) and the six months ended June 30, 2017 were \$474 (2016 \$338). At June 30, 2017, \$161 (December 31, 2016 \$141) was owing from Canpotex.

## 13. Proposed Transaction with Agrium Inc.

On September 11, 2016, the company entered into an Arrangement Agreement with Agrium Inc. ( Agrium ) pursuant to which the company and Agrium have agreed to combine their businesses (the Proposed Transaction ) in a merger of equals transaction to be implemented by way of a plan of arrangement under the Canada Business Corporations Act. On November 3, 2016, the Proposed Transaction was overwhelmingly approved by shareholders of both companies. On November 7, 2016, the Ontario Superior Court of Justice issued a final order approving the Proposed Transaction. Upon the closing of the Proposed Transaction, the new parent company will be named Nutrien Ltd. ( Nutrien ). The Proposed Transaction is currently anticipated to be completed late in the third quarter of 2017 and is subject to customary closing conditions, including remaining regulatory approvals.

Upon the closing of the Proposed Transaction, the company and Agrium will become indirect, wholly owned subsidiaries of Nutrien. PotashCorp shareholders will own approximately 52 percent of Nutrien, and Agrium shareholders will own approximately 48 percent.

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (in US dollars)

The following discussion and analysis is the responsibility of management and is as at August 2, 2017. The Board of Directors (Board) carries out its responsibility for review of this disclosure principally through its audit committee, comprised exclusively of independent directors. The audit committee reviews and, prior to its publication, approves this disclosure, pursuant to the authority delegated to it by the Board. The term "PCS" refers to Potash Corporation of Saskatchewan Inc. and the terms "we," "us," "our," "PotashCorp" and "the company" refer to PCS and, as applicable, PCS and its direct and indirect subsidiaries as a group. Additional information relating to PotashCorp (which, except as otherwise noted, is not incorporated by reference herein), including our Annual Report on Form 10-K for the year ended December 31, 2016 (2016 Form 10-K), can be found on SEDAR at [www.sedar.com](http://www.sedar.com) and on EDGAR at [www.sec.gov](http://www.sec.gov). The company is a foreign private issuer under the rules and regulations of the US Securities and Exchange Commission (the SEC); however, it currently files voluntarily on the SEC's domestic forms.

### POTASHCORP AND OUR OPERATING ENVIRONMENT

PotashCorp is the world's largest crop nutrient company by capacity, producing the three primary crop nutrients: potash (K), nitrogen (N) and phosphate (P) for use in the production of fertilizer, industrial and animal feed products.

Our Canadian potash operations—the primary focus and namesake of our company—represent approximately one-fifth of global capacity. To enhance our global footprint, we also have investments in four potash-related businesses in Latin America, the Middle East and Asia. We complement our potash assets with focused positions in nitrogen and phosphate.

Detailed descriptions of our operating environments can be found on pages 18 and 19 (potash), 20 and 21 (nitrogen) and 22 and 23 (phosphate) in our 2016 Annual Integrated Report (2016 AIR).

### GOVERNANCE

In fulfilling its oversight responsibilities, our Board's commitment to excellence in governance permeates our overall approach to business. Our Board fosters a culture that encourages us to uphold the highest ethical standards and strive for excellence in our business practices in order to build long-term value for all our stakeholders.

There have been no significant changes to how we approach governance from that described in our 2016 AIR (see pages 24 to 27).

### STRATEGY AND PERFORMANCE

Creating superior shareholder value is essential to ensure we can make plentiful possible for all our stakeholders. Strong and sustainable earnings growth—coupled with a premium valuation multiple—rewards our shareholders and, at the same time, allows us to focus on our broader social and environmental responsibilities. Our seven strategic priorities determine where we focus our efforts to create long-term value for all those associated with our business. Our long-term objective is to create superior shareholder value by: growing earnings and cash flow while minimizing volatility; protecting and enhancing a premium valuation multiple; and maintaining the trust and support of our stakeholders.

Financially, we prioritize earnings growth and investment opportunities in potash, while complementing that business with other best-in-class assets. Our strategic priorities, depicted below and described in further detail along with key target metrics on pages 30 to 47 in our 2016 AIR, did not change during the second quarter of 2017.





## PENDING MERGER OF EQUALS WITH AGRIMUM INC.

During the third quarter of 2016, PotashCorp entered into an arrangement agreement (the Arrangement Agreement) with Agrium Inc. (Agrium) to combine their businesses (the Proposed Transaction) in a merger of equals transaction to be implemented by way of a plan of arrangement under the Canada Business Corporations Act. Upon the closing of the Proposed Transaction, which, subject to customary closing conditions, including receipt of remaining regulatory approvals, is currently anticipated to occur late in the third quarter of 2017, the company and Agrium will become indirect, wholly owned subsidiaries of a new parent company to be called Nutrien Ltd. (Nutrien). PotashCorp shareholders will own approximately 52 percent of Nutrien, and Agrium shareholders will own approximately 48 percent. During the fourth quarter of 2016, shareholders of both companies overwhelmingly approved the Proposed Transaction and the Ontario Superior Court of Justice issued a final order approving it. From a regulatory standpoint, we continue to cooperate with the various enforcement agencies in their reviews. We have received clearances in Brazil and Russia, and continue to work on obtaining approval from China, India, Canada and the US.

The creation of Nutrien pursuant to the Proposed Transaction is designed to: 1) bring together world-class nutrient production assets and retail distribution, providing an integrated platform with multiple paths for growth; 2) create up to \$500 million of annual run-rate operating synergies within 24 months of closing; 3) enhance financial flexibility through the use of a strong balance sheet and improved cash flows, enabling the support of growth initiatives and shareholder returns; and 4) leverage best-in-class leadership and governance through the combination of two experienced teams that are focused on creating long-term value.

For further discussion of the Proposed Transaction, please refer to our Current Reports on Form 8-K and the documents filed therewith, filed with the SEC on September 12, 2016 and on October 6, 2016 and the various filings with Canadian provincial securities commissions, including the joint information circular of PCS and Agrium dated October 3, 2016.

## RISK

In our 2016 AIR, we provide an overview of our approach to risk (page 28), explain how we use a risk management-ranking methodology to assess the key risks specific to our company (page 49) and provide a description of, management approach to, and any significant developments for, each key risk (pages 50 to 55).

Our risk-ranking matrix, in terms of residual severity of consequence and likelihood, is displayed below.

Key risks with rankings unchanged from our 2016 AIR were as follows:

| <b>Risk</b>                                      | <b>Risk Ranking</b> | <b>Associated Strategies<sup>1</sup></b> | <b>Risk</b>                                | <b>Risk Ranking</b> | <b>Associated Strategies<sup>1</sup></b> |
|--|---------------------|--|--|---------------------|--|
| Extreme loss                                     | <b>B</b>            |  | Safety, health and security                | <b>C</b>            |  |
| Offshore potash sales and distribution           | <b>B</b>            |  | Stakeholder support for our business plans | <b>C</b>            |  |
| Competitive supply                               | <b>B</b>            |  | Sustaining growth                          | <b>C</b>            |  |
| Global potash demand                             | <b>B</b>            |  | Trinidad natural gas supply                | <b>C</b>            |  |
| Cyber security                                   | <b>C</b>            |  | Realization of asset values                | <b>D</b>            |  |
| Environment                                      | <b>C</b>            |  | Capital management                         | <b>D</b>            |  |
| International operations and non-operated assets | <b>C</b>            |  |  |                     |  |

<sup>1</sup> Brighter sections indicate the strategic priority (described on page 18 of this Form 10-Q) impacted by the risk. Faded sections mean the strategic priority is not significantly affected by the risk.

**KEY PERFORMANCE DRIVERS PERFORMANCE COMPARED TO TARGETS**

Through our integrated value model, we set, evaluate and refine our targets to drive improvements that benefit all those impacted by our business. We demonstrate our accountability by tracking and reporting our performance against targets related to each strategic priority set out on pages 32 to 47 in our 2016 AIR. A summary of our progress against selected strategic priorities and representative annual targets is set out below.

| <b>Strategic Priority</b>       | <b>Representative 2017 Annual Target</b>   | <b>Performance to June 30, 2017</b>  |
|---------------------------------|--|--|
| Portfolio & Return Optimization | Exceed total shareholder return (TSR) performance for our sector and the DAXglobal Agribusiness Index.           | PotashCorp's TSR was -8 percent in the first six months of 2017 compared to our sector's weighted average return based on market capitalization <sup>1</sup> of -4 percent and the DAXglobal Agribusiness Index weighted average return (based on market capitalization) of 4 percent. |
| Operational Excellence          | Achieve a 95 percent ammonia reliability rate for our nitrogen division.   | Our ammonia reliability rate was 93 percent for the first six months of 2017.  |
| People Development              | Maintain an annual employee turnover rate of 5 percent or less.  | Employee turnover rate on an annualized basis for the first six months of 2017 was 4 percent.  |
| Safety & Health Excellence      | Achieve zero life-altering injuries at our sites.  | There were no life-altering injuries at our sites during the first six months of 2017.   |
|                                 | Reduce total site recordable injury rate to 0.75 (or lower) and total lost-time injury rate to 0.07 (or lower).  | During the first six months of 2017, total site recordable injury rate was 0.90 and total lost-time injury rate was 0.07.  |
| Environmental Excellence        | By 2018, reduce environmental incidents (releases, permit excursions and spills) by 40 percent from 2014 levels. | Annualized total environmental incidents were down 58 percent through the first six months of 2017 compared to 2014 annual levels. Compared to the first six months of 2016, total reportable incidents were down 58 percent.  |

<sup>1</sup> TSRs are based on the currencies of the primary exchanges in which the relevant shares are traded.

**PERFORMANCE OVERVIEW**

This discussion and analysis are based on the company's unaudited interim condensed consolidated financial statements included in Part I of this Quarterly Report on Form 10-Q (financial statements in this Form 10-Q) based on International Financial Reporting Standards as issued by the International Accounting Standards Board (IFRS), unless otherwise stated. All references to per-share amounts pertain to diluted net income per share.

For an understanding of trends, events, uncertainties and the effect of critical accounting estimates on our results and financial condition, this Form 10-Q should be read carefully, together with our 2016 AIR.

REVISED ANNUAL EARNINGS GUIDANCE <sup>1</sup> AND FIRST SIX MONTHS 2017 RESULTS

|                    | Revised        |          |                         |
|--------------------|----------------|----------|-------------------------|
|                    | Annual Company | Guidance | First Six Months Actual |
|                    |                | Results  |                         |
| Earnings per share | \$ 0.45        | \$ 0.65  | \$ 0.42                 |

<sup>1</sup> Revised effective April 27, 2017, and maintained on July 27, 2017

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## OVERVIEW OF ACTUAL RESULTS

| Dollars (millions),<br>except per-share<br>amounts | Three Months Ended June 30 |          |        |          | Six Months Ended June 30 |          |         |          |
|--|----------------------------|----------|--------|----------|--------------------------|----------|---------|----------|
|  | 2017                       | 2016     | Change | % Change | 2017                     | 2016     | Change  | % Change |
| Sales  | \$ 1,120                   | \$ 1,053 | \$ 67  | 6        | \$ 2,232                 | \$ 2,262 | \$ (30) | (1)      |
| Gross margin                                       | 255                        | 243      | 12     | 5        | 523                      | 477      | 46      | 10       |
| Operating income                                   | 200                        | 199      | 1      | 1        | 421                      | 358      | 63      | 18       |
| Net income   | 201                        | 121      | 80     | 66       | 350                      | 196      | 154     | 79       |
| Net income per share<br>diluted                    | 0.24                       | 0.14     | 0.10   | 71       | 0.42                     | 0.23     | 0.19    | 83       |
| Other comprehensive<br>income (loss)               | 69                         | (184)    | 253    | n/m      | 108                      | (173)    | 281     | n/m      |

n/m = not meaningful

Earnings in the second quarter and first half of 2017 were higher than the same periods of 2016 due primarily to higher gross margin in potash and income tax recoveries in 2017, compared to income tax expenses in 2016, more than offsetting lower gross margins in nitrogen and phosphate.

Global potash markets continued to improve through the second quarter as agronomic need and affordability supported demand, especially offshore, and contributed to modestly higher prices. In North America, a good spring application season led to healthy shipment levels although below the particularly robust second quarter of 2016 and reduced inventory throughout the supply chain. Offshore imports to the US reached record levels through the first half, resulting in lower domestic producer sales volumes.

In nitrogen, the startup of new global capacity had a negative impact on market fundamentals during the quarter. Notwithstanding strong consumption in most key regions, new supply outpaced growth in demand and pressured prices. As this supply transition unfolded, US urea prices fell to multi-year lows while ammonia and UAN were pushed to their lowest prices of the year.

Despite strong demand in Latin America, global phosphate markets remained subdued in the second quarter, largely due to increased supply and lower shipments to India. In this environment, prices for most phosphate fertilizer products declined slightly. While prices for feed and industrial products were modestly higher than in the first quarter, they remained well below prior-year levels, due primarily to increased supply from offshore producers.

Other comprehensive income for the second quarter and first half of 2017 was primarily the result of an increase in the fair value of our investment in Israel Chemicals Ltd. (ICL) more than offsetting a decrease in the fair value of Sinofert Holdings Limited (Sinofert). Other comprehensive loss for the second quarter and first half of 2016 was primarily impacted by decreases in the fair value of our investments in ICL and Sinofert and a net actuarial loss resulting from a remeasurement of our defined benefit plans.



## OPERATING SEGMENT REVIEW

We report our results (including gross margin) in three business segments: potash, nitrogen and phosphate as described in Note 2 to the financial statements in this Form 10-Q. Our reporting structure reflects how we manage our business and how we classify our operations for planning and measuring performance. We include net sales in segment disclosures in the financial statements in this Form 10-Q pursuant to IFRS, which require segmentation based upon our internal organization and reporting of revenue and profit measures. As a component of gross margin, net sales (and the related per-tonne amounts) are the primary revenue measures we use and review in making decisions about operating matters on a business segment basis. These decisions include assessments about potash, nitrogen and phosphate performance and the resources to be allocated to these segments. We also use net sales (and the related per-tonne amounts) for business planning and monthly forecasting. Net sales are calculated as sales revenues less freight, transportation and distribution expenses. Realized prices refer to net sales prices.

Our discussion of segment operating performance is set out below and includes nutrient product and/or market performance results, where applicable, to give further insight into these results.

## POTASH PERFORMANCE

## FINANCIAL PERFORMANCE

|   | Three Months Ended June 30 |        |          |                    |       |          |                                |         |          |      |
|---|----------------------------|--------|----------|--------------------|-------|----------|--------------------------------|---------|----------|------|
|   | Dollars (millions)         |        |          | Tonnes (thousands) |       |          | Average per Tonne <sup>1</sup> |         |          |      |
|   | 2017                       | 2016   | % Change | 2017               | 2016  | % Change | 2017                           | 2016    | % Change |      |
| Manufactured product  |                            |        |          |                    |       |          |                                |         |          |      |
| Net sales   |                            |        |          |                    |       |          |                                |         |          |      |
| North America   | \$ 135                     | \$ 167 | (19)     | 651                | 850   | (23)     | \$ 208                         | \$ 196  |          | 6    |
| Offshore  | 276                        | 160    | 73       | 1,709              | 1,272 | 34       | \$ 161                         | \$ 125  |          | 29   |
|   | 411                        | 327    | 26       | 2,360              | 2,122 | 11       | \$ 174                         | \$ 154  |          | 13   |
| Cost of goods sold  | (193)                      | (192)  | 1        |                    |       |          | \$ (82)                        | \$ (91) |          | (10) |
| Gross margin  | 218                        | 135    | 61       |                    |       |          | \$ 92                          | \$ 63   |          | 46   |
| Other miscellaneous and purchased product gross margin <sup>2</sup> | (5)                        | (12)   | (58)     |                    |       |          |                                |         |          |      |
| Gross Margin  | \$ 213                     | \$ 123 | 73       |                    |       |          | \$ 90                          | \$ 58   |          | 55   |

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Comprised of net sales \$NIL million (2016 \$2 million) less cost of goods sold \$5 million (2016 \$14 million).

|   | Six Months Ended June 30 |        |          |                    |       |          |                                |          |          |      |
|---|--------------------------|--------|----------|--------------------|-------|----------|--------------------------------|----------|----------|------|
|   | Dollars (millions)       |        |          | Tonnes (thousands) |       |          | Average per Tonne <sup>1</sup> |          |          |      |
|   | 2017                     | 2016   | % Change | 2017               | 2016  | % Change | 2017                           | 2016     | % Change |      |
| Manufactured product  |                          |        |          |                    |       |          |                                |          |          |      |
| Net sales   |                          |        |          |                    |       |          |                                |          |          |      |
| North America   | \$ 298                   | \$ 305 | (2)      | 1,510              | 1,628 | (7)      | \$ 198                         | \$ 187   |          | 6    |
| Offshore  | 474                      | 340    | 39       | 3,029              | 2,277 | 33       | \$ 156                         | \$ 149   |          | 5    |
|   | 772                      | 645    | 20       | 4,539              | 3,905 | 16       | \$ 170                         | \$ 165   |          | 3    |
| Cost of goods sold  | (389)                    | (421)  | (8)      |                    |       |          | \$ (86)                        | \$ (108) |          | (20) |
| Gross margin  | 383                      | 224    | 71       |                    |       |          | \$ 84                          | \$ 57    |          | 47   |
| Other miscellaneous and purchased product gross margin <sup>2</sup> | (10)                     | (13)   | (23)     |                    |       |          |                                |          |          |      |
| Gross Margin  | \$ 373                   | \$ 211 | 77       |                    |       |          | \$ 82                          | \$ 54    |          | 52   |

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Comprised of net sales \$4 million (2016 \$6 million) less cost of goods sold \$14 million (2016 \$19 million).



Potash gross margin variance was attributable to:

| Dollars (millions)                        | Three Months Ended June 30    |              |                       |        |        | Six Months Ended June 30      |              |                       |       |  |
|---|-------------------------------|--------------|-----------------------|--------|--------|-------------------------------|--------------|-----------------------|-------|--|
|   | 2017 vs. 2016<br>Change in    |              |                       |        |        | 2017 vs. 2016<br>Change in    |              |                       |       |  |
|   | Prices/Costs                  |              |                       |        |        | Prices/Costs                  |              |                       |       |  |
|   | Change<br>in<br>Sales Volumes | Net<br>Sales | Cost of<br>Goods Sold | Total  |        | Change<br>in<br>Sales Volumes | Net<br>Sales | Cost of<br>Goods Sold | Total |  |
| Manufactured product                      |                               |              |                       |        |        |                               |              |                       |       |  |
| North America                             | \$ (22)                       | \$ 5         | \$ 12                 | \$ (5) | \$ (9) | \$ 15                         | \$ 54        | \$ 60                 |       |  |
| Offshore                                  | 19                            | 60           | 9                     | 88     | 51     | 22                            | 26           | 99                    |       |  |
| Change in market mix                      | 11                            | (14)         | 3                     |        | 10     | (14)                          | 4            |                       |       |  |
| Total manufactured product                | \$ 8                          | \$ 51        | \$ 24                 | \$ 83  | \$ 52  | \$ 23                         | \$ 84        | \$ 159                |       |  |
| Other miscellaneous and purchased product |                               |              |                       | 7      |        |                               |              | 3                     |       |  |
| Total                                     |                               |              |                       | \$ 90  |        |                               |              | \$ 162                |       |  |

Sales to major offshore markets by Canpotex<sup>1</sup> were as follows:

|                                  | Three Months Ended June 30  |      |          | Six Months Ended June 30    |      |          |
|----------------------------------|-----------------------------|------|----------|-----------------------------|------|----------|
|                                  | Percentage of Sales Volumes |      |          | Percentage of Sales Volumes |      |          |
|                                  | 2017                        | 2016 | % Change | 2017                        | 2016 | % Change |
| Other Asian markets <sup>2</sup> | 40                          | 37   | 8        | 38                          | 42   | (10)     |
| Latin America                    | 40                          | 47   | (15)     | 33                          | 39   | (15)     |
| India                            | 10                          |      | n/m      | 11                          | 2    | 450      |
| China                            | 3                           | 7    | (57)     | 10                          | 8    | 25       |
| Other markets                    | 7                           | 9    | (22)     | 8                           | 9    | (11)     |
|                                  | 100                         | 100  |          | 100                         | 100  |          |

<sup>1</sup> Canpotex Limited (Canpotex).

<sup>2</sup> All Asian markets except China and India.

n/m = not meaningful

The most significant contributors to the change in total gross margin were as follows (direction of arrows refers to impact on gross margin):

|                      | <b>Sales Volumes</b>   | <b>Net Sales Prices</b>   | <b>Cost of Goods Sold</b>   |
|----------------------|--|---|---|
| Quarter over Quarter | <p>North American volumes were lower than the historically strong second quarter of 2016.</p> <p>Offshore shipments increased, led by strong demand in Brazil.</p>   | <p>Our average realized price reflected a continued recovery in global spot prices.</p> <p>Offshore prices were also higher due to the impact of our share of Canpotex's project exit costs following its decision not to proceed with development of an export terminal in Prince Rupert, British Columbia impacting the second quarter of 2016.</p>   | <p>Costs were lower in 2017 due to our portfolio optimization, including a greater share of production from our lower-cost mines, particularly Rocanville.</p> <p>Offshore cost of goods sold variance was less positive than North America as a relatively higher percentage of products sold was produced at higher-cost mines.</p> |
| Year over Year       | <p>Offshore volumes were higher due primarily to stronger demand in all key markets.</p> <p>North American volumes were slightly lower despite strong demand compared to the historically strong second quarter of 2016.</p> | <p>Prices were higher mainly due to a continued recovery in most global spot markets.</p> <p>Offshore prices were also higher due to the impact of our share of Canpotex's project exit costs following its decision not to proceed with development of an export terminal in Prince Rupert, British Columbia impacting the second quarter of 2016.</p> | <p>Costs were lower in 2017 due to our portfolio optimization, including a greater share of production from our lower-cost mines, particularly Rocanville.</p> <p>Costs were also lower in 2017 as the first quarter of 2016 included costs associated with the indefinite suspension of potash operations at Picadilly.</p>          |

## NON-FINANCIAL PERFORMANCE

The most significant contributors to the change in our non-financial performance highlights were as follows:

### QUARTER OVER QUARTER

Production increased as a response to stronger demand and due to the completion of the Rocanville expansion and ramp up.

The 14 recordable injuries in 2017, compared to nine in 2016, resulted in a higher total recordable injury rate.

There were two lost-time injuries in 2017, compared to none in 2016.

The annualized employee turnover rate increased as a result of 27 departures in 2017 compared to 25 departures in 2016.

In 2017, we experienced two environmental incidents, consisting of two potash spills. In 2016, the only environmental incident was a potash spill.

Waste, as defined in our 2016 AIR, increased quarter over quarter due to the increase in production.

YEAR OVER YEAR

Production increased as a response to stronger demand and due to the completion of the Rocanville expansion and ramp up.

Combined with lower hours worked in 2017, the 27 recordable injuries in 2017, compared to 25 in 2016, resulted in a higher total recordable injury rate.

There were no significant changes in the total lost-time injury rate between 2016 and 2017.

There were no significant changes between 2016 and 2017.

In 2017, we experienced two environmental incidents, consisting of two potash spills. In 2016, we experienced four environmental incidents: two potash spills, one brine spill and one water release with high suspended solids.

Waste, as defined in our 2016 AIR, increased period over period due to the increase in production.

## NITROGEN PERFORMANCE

## FINANCIAL PERFORMANCE

|   | Three Months Ended June 30 |        |          |                    |       |          |                                |          |          |
|---|----------------------------|--------|----------|--------------------|-------|----------|--------------------------------|----------|----------|
|   | Dollars (millions)         |        |          | Tonnes (thousands) |       |          | Average per Tonne <sup>1</sup> |          |          |
|   | 2017                       | 2016   | % Change | 2017               | 2016  | % Change | 2017                           | 2016     | % Change |
| Manufactured product <sup>2</sup>                                   |                            |        |          |                    |       |          |                                |          |          |
| Net sales   |                            |        |          |                    |       |          |                                |          |          |
| Ammonia   | \$ 181                     | \$ 177 | 2        | 602                | 543   | 11       | \$ 302                         | \$ 325   | (7)      |
| Urea  | 69                         | 71     | (3)      | 293                | 261   | 12       | \$ 236                         | \$ 274   | (14)     |
| Solutions, nitric acid, ammonium nitrate                            | 105                        | 119    | (12)     | 699                | 703   | (1)      | \$ 150                         | \$ 169   | (11)     |
|   | 355                        | 367    | (3)      | 1,594              | 1,507 | 6        | \$ 223                         | \$ 244   | (9)      |
| Cost of goods sold  | (290)                      | (242)  | 20       |                    |       |          | \$ (182)                       | \$ (160) | 14       |
| Gross margin  | 65                         | 125    | (48)     |                    |       |          | \$ 41                          | \$ 84    | (51)     |
| Other miscellaneous and purchased product gross margin <sup>3</sup> | 3                          | 5      | (40)     |                    |       |          |                                |          |          |
| Gross Margin  | \$ 68                      | \$ 130 | (48)     |                    |       |          | \$ 43                          | \$ 86    | (50)     |

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Includes inter-segment ammonia sales, comprised of: net sales \$17 million, cost of goods sold \$9 million and 40,000 sales tonnes (2016 net sales \$17 million, cost of goods sold \$7 million and 39,000 sales tonnes). Inter-segment profits are eliminated on consolidation.

<sup>3</sup> Including third-party net sales \$14 million and cost of goods sold \$11 million (2016 net sales \$6 million and cost of goods sold \$1 million).

|   | Six Months Ended June 30 |        |          |                    |       |          |                                |          |          |
|---|--------------------------|--------|----------|--------------------|-------|----------|--------------------------------|----------|----------|
|   | Dollars (millions)       |        |          | Tonnes (thousands) |       |          | Average per Tonne <sup>1</sup> |          |          |
|   | 2017                     | 2016   | % Change | 2017               | 2016  | % Change | 2017                           | 2016     | % Change |
| Manufactured product <sup>2</sup>         |                          |        |          |                    |       |          |                                |          |          |
| Net sales                                 |                          |        |          |                    |       |          |                                |          |          |
| Ammonia                                   | \$ 340                   | \$ 365 | (7)      | 1,148              | 1,144 |          | \$ 297                         | \$ 318   | (7)      |
| Urea                                      | 158                      | 157    | 1        | 613                | 567   | 8        | \$ 258                         | \$ 278   | (7)      |
| Solutions, nitric acid, ammonium nitrate  | 216                      | 252    | (14)     | 1,400              | 1,460 | (4)      | \$ 154                         | \$ 173   | (11)     |
|   | 714                      | 774    | (8)      | 3,161              | 3,171 |          | \$ 226                         | \$ 244   | (7)      |
| Cost of goods sold                        | (556)                    | (546)  | 2        |                    |       |          | \$ (176)                       | \$ (172) | 2        |
| Gross margin                              | 158                      | 228    | (31)     |                    |       |          | \$ 50                          | \$ 72    | (31)     |
| Other miscellaneous and purchased product | 7                        | 9      | (22)     |                    |       |          |                                |          |          |

gross margin <sup>3</sup>

|              |        |        |      |       |       |      |
|--------------|--------|--------|------|-------|-------|------|
| Gross Margin | \$ 165 | \$ 237 | (30) | \$ 52 | \$ 75 | (31) |
|--------------|--------|--------|------|-------|-------|------|

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Includes inter-segment ammonia sales, comprised of: net sales \$39 million, cost of goods sold \$20 million and 95,000 sales tonnes (2016 net sales \$34 million, cost of goods sold \$14 million and 79,000 sales tonnes). Inter-segment profits are eliminated on consolidation.

<sup>3</sup> Including third-party net sales of \$20 million and cost of goods sold \$13 million (2016 net sales \$11 million and cost of goods sold \$2 million).

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Nitrogen gross margin variance was attributable to:

| Dollars (millions)                           | Three Months Ended June 30<br>2017 vs. 2016<br>Change in<br>Prices/Costs |           |         |            |         | Six Months Ended June 30<br>2017 vs. 2016<br>Change in<br>Prices/Costs |           |            |         |         |
|--|--|-----------|---------|------------|---------|--|-----------|------------|---------|---------|
|  | Change in  |           | Cost of |            |         | Change in  |           | Cost of    |         |         |
|  | Sales Volume   | Net Sales | Sales   | Goods Sold | Total   | Sales Volume   | Net Sales | Goods Sold | Total   |         |
| Manufactured product                         |  |           |         |            |         |  |           |            |         |         |
| Ammonia                                      | \$ 5   | \$ (13)   | \$ (3)  | \$ (11)    | \$ (11) | \$ 3   | \$ (25)   | \$ 12      | \$ (13) | \$ (13) |
| Urea   | 2  | (12)      | (5)     | (15)       | (15)    | 3  | (12)      | (2)        | (11)    | (11)    |
| Solutions, nitric acid,<br>ammonium nitrate  | (1)  | (13)      | (22)    | (36)       | (36)    | (4)  | (23)      | (31)       | (58)    | (58)    |
| Hedge  |  |           | 2       | 2          | 2       |  |           | 12         | 12      | 12      |
| Change in product mix                        |  | 5         | (5)     |            |         |  | 3         | (3)        |         |         |
| Total manufactured<br>product                | \$ 6   | \$ (33)   | \$ (33) | \$ (60)    | \$ (60) | \$ (1)   | \$ (57)   | \$ (12)    | \$ (70) | \$ (70) |
| Other miscellaneous<br>and purchased product |  |           |         |            | (2)     |  |           |            |         | (2)     |
| Total  |  |           |         |            | \$ (62) |  |           |            |         | \$ (72) |

|                     | Three Months Ended June 30 |       |                         |        | Six Months Ended June 30 |       |                         |        |
|---------------------|----------------------------|-------|-------------------------|--------|--------------------------|-------|-------------------------|--------|
|                     | Sales Tonnes               |       | Average Net Sales Price |        | Sales Tonnes             |       | Average Net Sales Price |        |
|                     | (thousands)                |       | per Tonne               |        | (thousands)              |       | per Tonne               |        |
|                     | 2017                       | 2016  | 2017                    | 2016   | 2017                     | 2016  | 2017                    | 2016   |
| Fertilizer          | 672                        | 547   | \$ 236                  | \$ 267 | 1,292                    | 1,213 | \$ 233                  | \$ 248 |
| Industrial and Feed | 922                        | 960   | \$ 214                  | \$ 230 | 1,869                    | 1,958 | \$ 221                  | \$ 242 |
|                     | 1,594                      | 1,507 | \$ 223                  | \$ 244 | 3,161                    | 3,171 | \$ 226                  | \$ 244 |

The most significant contributors to the change in total gross margin were as follows (direction of arrows refers to impact on gross margin while symbol is neutral):

| Quarter over Quarter | Sales Volumes   | Net Sales Prices  | Cost of Goods Sold   |
|----------------------|---|---|--|
|                      | Volumes were higher, largely due to stronger fertilizer demand. | Our average realized price declined as increased global supply weighed on benchmark pricing, pulling down realizations for nearly all our products. | Average costs, including our hedge position, for natural gas used as feedstock in production increased 10 percent. Costs for natural gas used as feedstock in Trinidad production fell four percent (contract price indexed, in part, to Tampa ammonia prices) while our US spot costs for natural gas increased 56 percent. Including losses on our hedge position, our US gas prices increased 28 percent. |





|                | <b>Sales Volumes</b>               | <b>Net Sales Prices</b>  | <b>Cost of Goods Sold</b>   |
|----------------|------------------------------------|--|---|
| Year over Year | There were no significant changes. | Weaker benchmark pricing lowered our average realized price during the first half of 2017. | <p>Average costs, including our hedge position, for natural gas used as feedstock in production increased eight percent. Costs for natural gas used as feedstock in Trinidad production fell six percent (contract price indexed, in part, to Tampa ammonia prices) while our US spot costs for natural gas increased 53 percent. Including losses on our hedge position, our US gas prices increased 24 percent.</p> <p>Ammonia cost of goods sold variance was positive due to lower natural gas costs in Trinidad more than offsetting higher natural gas costs in the US.</p> |

## NON-FINANCIAL PERFORMANCE

The most significant contributors to the change in our non-financial performance highlights were as follows:

### QUARTER OVER QUARTER

Production and the ammonia operating rate decreased between 2016 and 2017 due to unplanned downtime for repairs at our Geismar and Lima facilities.

In 2017, there was one recordable injury and no lost-time injuries compared to no recordable injuries and no lost-time injuries in 2016.

The annualized employee turnover rate increased as a result of seven departures in 2017 compared to four departures in 2016.

In both 2016 and 2017, we had one environmental incident, consisting of an ammonia release.

Greenhouse gas emissions were higher in 2017 due to higher emissions at our nitric acid plants.

YEAR OVER YEAR

There were no significant changes between 2016 and 2017.

In 2017, there were five recordable injuries with no lost-time injuries compared to six recordable injuries including two lost-time injuries in 2016.

The annualized employee turnover rate increased as a result of 14 departures in 2017 compared to seven departures in 2016.

In 2017, we had three environmental incidents, consisting of two ammonia releases and one organic nitrogen permit exceedance. In 2016, we had four environmental incidents, consisting of two ammonia gas releases, one fluoride air permit exceedance and one urea solution spill.

## PHOSPHATE PERFORMANCE

## FINANCIAL PERFORMANCE

|   | Three Months Ended June 30 |         |          |                    |      |          |                                |          |          |
|---|----------------------------|---------|----------|--------------------|------|----------|--------------------------------|----------|----------|
|   | Dollars (millions)         |         |          | Tonnes (thousands) |      |          | Average per Tonne <sup>1</sup> |          |          |
|   | 2017                       | 2016    | % Change | 2017               | 2016 | % Change | 2017                           | 2016     | % Change |
| Manufactured product  |                            |         |          |                    |      |          |                                |          |          |
| Net sales   |                            |         |          |                    |      |          |                                |          |          |
| Fertilizer  | \$ 117                     | \$ 108  | 8        | 348                | 274  | 27       | \$ 337                         | \$ 397   | (15)     |
| Feed and Industrial   | 123                        | 140     | (12)     | 242                | 238  | 2        | \$ 507                         | \$ 587   | (14)     |
|   | 240                        | 248     | (3)      | 590                | 512  | 15       | \$ 407                         | \$ 485   | (16)     |
| Cost of goods sold  | (266)                      | (259)   | 3        |                    |      |          | \$ (452)                       | \$ (506) | (11)     |
| Gross margin  | (26)                       | (11)    | 136      |                    |      |          | \$ (45)                        | \$ (21)  | 114      |
| Other miscellaneous and purchased product gross margin <sup>2</sup> |                            | 1       | (100)    |                    |      |          |                                |          |          |
| Gross Margin  | \$ (26)                    | \$ (10) | 160      |                    |      |          | \$ (44)                        | \$ (20)  | 120      |

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Comprised of net sales \$1 million (2016 \$2 million) less cost of goods sold \$1 million (2016 \$1 million).

|   | Six Months Ended June 30 |        |          |                    |       |          |                                |          |          |
|---|--------------------------|--------|----------|--------------------|-------|----------|--------------------------------|----------|----------|
|   | Dollars (millions)       |        |          | Tonnes (thousands) |       |          | Average per Tonne <sup>1</sup> |          |          |
|   | 2017                     | 2016   | % Change | 2017               | 2016  | % Change | 2017                           | 2016     | % Change |
| Manufactured product  |                          |        |          |                    |       |          |                                |          |          |
| Net sales   |                          |        |          |                    |       |          |                                |          |          |
| Fertilizer  | \$ 253                   | \$ 299 | (15)     | 716                | 711   | 1        | \$ 354                         | \$ 421   | (16)     |
| Feed and Industrial   | 257                      | 307    | (16)     | 513                | 518   | (1)      | \$ 501                         | \$ 592   | (15)     |
|   | 510                      | 606    | (16)     | 1,229              | 1,229 |          | \$ 415                         | \$ 493   | (16)     |
| Cost of goods sold  | (526)                    | (579)  | (9)      |                    |       |          | \$ (428)                       | \$ (471) | (9)      |
| Gross margin  | (16)                     | 27     | n/m      |                    |       |          | \$ (13)                        | \$ 22    | n/m      |
| Other miscellaneous and purchased product gross margin <sup>2</sup> | 1                        | 2      | (50)     |                    |       |          |                                |          |          |
| Gross Margin  | \$ (15)                  | \$ 29  | n/m      |                    |       |          | \$ (12)                        | \$ 24    | n/m      |

<sup>1</sup> Rounding differences may occur due to the use of whole dollars in per-tonne calculations.

<sup>2</sup> Comprised of net sales \$2 million (2016 \$3 million) less cost of goods sold \$1 million (2016 \$1 million).

n/m = not meaningful



Phosphate gross margin variance was attributable to:

| Dollars (millions)                        | Three Months Ended June 30                 |           |                       |         |  | Six Months Ended June 30                   |           |                       |         |  |  |
|---|--|-----------|-----------------------|---------|--|--|-----------|-----------------------|---------|--|--|
|   | 2017 vs. 2016<br>Change in<br>Prices/Costs |           |                       |         |  | 2017 vs. 2016<br>Change in<br>Prices/Costs |           |                       |         |  |  |
|   | Change<br>in<br>Sales Volumes              | Net Sales | Cost of<br>Goods Sold | Total   |  | Change<br>in<br>Sales Volumes              | Net Sales | Cost of<br>Goods Sold | Total   |  |  |
| Manufactured product                      |  |           |                       |         |  |  |           |                       |         |  |  |
| Fertilizer                                | \$ 6                                       | \$ (23)   | \$ 5                  | \$ (12) |  | \$   | \$ (48)   | \$ 4                  | \$ (44) |  |  |
| Feed and Industrial                       |  | (19)      | 16                    | (3)     |  | (1)  | (47)      | 49                    | 1       |  |  |
| Change in product mix                     | 2  | (5)       | 3                     |         |  | 1  | (1)       |                       |         |  |  |
| Total manufactured product                | \$ 8                                       | \$ (47)   | \$ 24                 | \$ (15) |  | \$   | \$ (96)   | \$ 53                 | \$ (43) |  |  |
| Other miscellaneous and purchased product |  |           |                       | (1)     |  |  |           |                       | (1)     |  |  |
| Total                                     |  |           |                       | \$ (16) |  |  |           |                       | \$ (44) |  |  |

The most significant contributors to the change in total gross margin were as follows (direction of arrows refers to impact on gross margin while symbol is neutral):

| Quarter over Quarter | Sales Volumes   | Net Sales Prices   | Cost of Goods Sold   |
|----------------------|---|--|--|
| Quarter over Quarter | Sales volumes were higher mainly due to stronger agriculture demand in North America. | Our average realized price was down, as prices for nearly all products decreased, most notably liquid fertilizers. | Feed and industrial was positive as the increase in asset retirement obligations, primarily due to discount rate reductions, was lower than in 2016.<br><br>Sulfur costs were down eight percent, decreasing our cost of goods sold. |

|                | <b>Sales Volumes</b>               | <b>Net Sales Prices</b>  | <b>Cost of Goods Sold</b>  |
|----------------|------------------------------------|--|--|
| Year over Year | There were no significant changes. | Our average realized price was down, reflecting lower benchmark pricing for all of our products. | <p>In 2016, there was an impairment of property, plant and equipment related to product that the company no longer produces. There was no such impairment in 2017, resulting in a positive cost of goods sold variance in feed and industrial.</p> <p>Feed and industrial was positive as the increase in asset retirement obligations due to discount rate adjustments was lower than in 2016.</p> <p>Sulfur costs were down 14 percent, decreasing our cost of goods sold.</p> |

## NON-FINANCIAL PERFORMANCE

The most significant contributors to the change in our non-financial performance highlights were as follows:

### QUARTER OVER QUARTER

There were no significant changes between 2016 and 2017.

In 2017, there were five recordable injuries, and no lost-time injuries, compared to eight recordable injuries including one lost-time injury in 2016.

There were no significant changes between 2016 and 2017.

In 2017, we experienced no environmental incidents. In 2016 there was one ammonia-to-air release.

In 2017 metered water consumption decreased due to increased rainfall at our White Springs facility compared to 2016 and a new water recycling project. Metered water consumption in 2016 was also higher as certain processes at our White Springs facility continued to need water even when product was not being manufactured.



## YEAR OVER YEAR

There were no significant changes between 2016 and 2017.

In 2017, there were eight recordable injuries, including one lost-time injury, compared to 14 recordable injuries and two lost-time injuries in 2016.

The annualized employee turnover rate rose due to 26 departures in 2017 compared to 20 departures in 2016.

In 2017, we experienced no environmental incidents. In 2016, we had three environmental incidents, consisting of a total suspended solids permit exceedance, a release of ammonia to air and a mercury permit exceedance.

There were no significant changes in water consumption between 2016 and 2017.

## OTHER EXPENSES AND INCOME

| Dollars (millions), except percentage amounts   | Three Months Ended June 30 |         |        |          | Six Months Ended June 30 |          |        |          |
|---|----------------------------|---------|--------|----------|--------------------------|----------|--------|----------|
|   | 2017                       | 2016    | Change | % Change | 2017                     | 2016     | Change | % Change |
| Selling and administrative expenses             | \$ (48)                    | \$ (55) | \$ 7   | (13)     | \$ (98)                  | \$ (108) | \$ 10  | (9)      |
| Provincial mining and other taxes               | (44)                       | (26)    | (18)   | 69       | (78)                     | (57)     | (21)   | 37       |
| Share of earnings of equity-accounted investees | 49                         | 30      | 19     | 63       | 88                       | 49       | 39     | 80       |
| Dividend income                                 | 4                          | 16      | (12)   | (75)     | 12                       | 16       | (4)    | (25)     |
| Impairment of available-for-sale investment     |                            | (10)    | 10     | (100)    |                          | (10)     | 10     | (100)    |
| Other (expense) income                          | (16)                       | 1       | (17)   | n/m      | (26)                     | (9)      | (17)   | 189      |
| Finance costs                                   | (61)                       | (54)    | (7)    | 13       | (120)                    | (106)    | (14)   | 13       |
| Income taxes                                    | 62                         | (24)    | 86     | n/m      | 49                       | (56)     | 105    | n/m      |

n/m = not meaningful

The most significant contributors to the change in other expenses and income were as follows:

|  | Quarter over Quarter  | Year over Year |
|--|---|----------------|
| <b>Provincial Mining and Other Taxes</b>               | Provincial mining and other taxes increased primarily due to stronger potash prices.  |                |
| <b>Share of Earnings of Equity-Accounted Investees</b> | Share of earnings of equity-accounted investees pertains primarily to SQM and APC. Higher earnings were mainly due to higher earnings at SQM. |                |
| <b>Finance Costs</b>                                   | There were no significant changes.  |                |

**Income Taxes** Income taxes decreased primarily due to a discrete \$68 million deferred tax recovery recorded in the second quarter of 2017 as a result of a Saskatchewan income tax rate decrease. As well, significantly lower forecasted annual earnings in the United States contributed to the reduction. For the first six months of 2017, 163 percent of the effective tax rate on the current year's ordinary earnings pertained to current income taxes (2016 89 percent) and (63) percent related to deferred income taxes (2016 11 percent). The decrease in the deferred portion is due to significantly lower forecasted annual earnings in the United States.

#### EFFECTIVE TAX RATES AND DISCRETE ITEMS

|   | Three Months Ended June 30 |      | Six Months Ended June 30 |      |
|---|----------------------------|------|--------------------------|------|
| Dollars (millions), except<br>percentage amounts    | 2017                       | 2016 | 2017                     | 2016 |
| Actual effective tax rate on ordinary earnings      | 7%                         | 17%  | 9%                       | 21%  |
| Actual effective tax rate including discrete items  | (44%)                      | 16%  | (16%)                    | 22%  |
| Discrete tax adjustments that impacted the tax rate | \$ 71                      | \$ 4 | \$ 76                    | \$   |

#### OTHER NON-FINANCIAL INFORMATION

|  | Three Months Ended June 30 |       |        |          | Six Months Ended June 30 |        |        |          |
|--|----------------------------|-------|--------|----------|--------------------------|--------|--------|----------|
| Dollars (millions), except<br>percentage amounts | 2017                       | 2016  | Change | % Change | 2017                     | 2016   | Change | % Change |
| Taxes and royalties <sup>1</sup>                 | \$ 80                      | \$ 81 | \$ (1) | (1)      | \$ 174                   | \$ 159 | \$ 15  | 9        |

<sup>1</sup> Includes tax and royalty amounts on an accrual basis calculated as: current income tax expense less investment tax credits and realized excess tax benefit related to share-based compensation plus potash production tax, resource surcharge, royalties, municipal taxes and other miscellaneous taxes.

The most significant contributors to the change in other non-financial information quarter over quarter and year over year were as follows:

|                            | <b>Quarter over Quarter</b>        | <b>Year over Year</b>  |
|----------------------------|------------------------------------|--|
| <b>Taxes and Royalties</b> | There were no significant changes. | Taxes and royalties increased primarily due to higher provincial mining and other taxes as a result of stronger potash prices. This was partially offset by lower current income taxes as a result of significantly lower forecasted annual earnings in the United States. |

**FINANCIAL CONDITION REVIEW**

**STATEMENT OF FINANCIAL POSITION ANALYSIS**

The most significant contributors to the changes in our statements of financial position were as follows (direction of arrows refers to increase or decrease):

### Assets

Inventory was higher mainly due to an increase in potash and phosphate finished goods inventory.

Property, plant and equipment decreased primarily as depreciation exceeded additions.

Investments were impacted by higher fair value of our available-for-sale investment in ICL more than offsetting a decrease in the fair value of our available-for-sale investment in Sinofert and an increase in the value of our equity-accounted investment in SQM more than offsetting a decrease in the value of APC.

### Liabilities

Payables and accrued charges were lower mainly due to lower trade payables.

Deferred income tax liabilities have decreased primarily due to a discrete deferred tax recovery as a result of a Saskatchewan income tax rate decrease.

### Equity

Retained earnings were higher as a result of net income (discussed in more detail on page 22) exceeding dividends declared.

Accumulated other comprehensive loss changed to accumulated other comprehensive income, primarily as a result of the net change in fair value of our available-for-sale investments noted above.

As at June 30, 2017, \$73 million (December 31, 2016 \$21 million) of our cash and cash equivalents was held in certain foreign subsidiaries. There are no current plans to repatriate the funds at June 30, 2017 in a manner that would result in tax consequences.

## LIQUIDITY AND CAPITAL RESOURCES

### CASH REQUIREMENTS

### CONTRACTUAL OBLIGATIONS AND OTHER COMMITMENTS

Our contractual obligations and other commitments detailed on page 84 of our 2016 AIR summarize certain of our liquidity and capital resource requirements, excluding obligations that have original maturities of less than one year and planned (but not legally committed) capital expenditures. There have been no significant changes to these contractual obligations and other commitments or to our planned capital expenditures during the first six months of 2017.

### SOURCES AND USES OF CASH

The company's cash flows from operating, investing and financing activities are summarized in the following table:

|                                       | Three Months Ended June 30 |        |         |          | Six Months Ended June 30 |        |         |          |
|---------------------------------------|----------------------------|--------|---------|----------|--------------------------|--------|---------|----------|
|                                       | 2017                       | 2016   | Change  | % Change | 2017                     | 2016   | Change  | % Change |
| Cash provided by operating activities | \$ 328                     | \$ 424 | \$ (96) | (23)     | \$ 551                   | \$ 612 | \$ (61) | (10)     |
| Cash used in investing activities     | (130)                      | (220)  | 90      | (41)     | (262)                    | (466)  | 204     | (44)     |
| Cash used in financing activities     | (163)                      | (135)  | (28)    | 21       | (224)                    | (94)   | (130)   | 137      |

|                                       |    |    |    |    |    |      |    |      |    |    |    |    |    |    |    |   |
|---------------------------------------|----|----|----|----|----|------|----|------|----|----|----|----|----|----|----|---|
| Increase in Cash and Cash Equivalents | \$ | 35 | \$ | 69 | \$ | (34) | \$ | (49) | \$ | 65 | \$ | 52 | \$ | 13 | \$ | 2 |
|---------------------------------------|----|----|----|----|----|------|----|------|----|----|----|----|----|----|----|---|

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The most significant contributors to the changes in cash flows were as follows:

|  | <b>Quarter over Quarter</b>   | <b>Year over Year</b>   |
|--|---|---|
| <b>Cash Provided by Operating Activities</b> | <p>Cash provided by operating activities was impacted by:</p> <ul style="list-style-type: none"> <li>Higher net income in 2017;</li> <li>Lower cash inflows from receivables in 2017;</li> <li>Higher recovery of deferred income tax; and</li> <li>Lower cash outflows on payables and accrued charges in 2017.</li> </ul> | <p>Cash provided by operating activities was impacted by:</p> <ul style="list-style-type: none"> <li>Higher net income in 2017;</li> <li>Lower cash inflows from receivables in 2017;</li> <li>Higher recovery of deferred income tax; and</li> <li>Lower cash outflows on payables and accrued charges in 2017.</li> </ul> |
| <b>Cash Used in Investing Activities</b>     | <p>Cash used in investing activities was primarily</p>  | <p>for additions to property, plant and equipment.</p>  |
| <b>Cash Used in Financing Activities</b>     | <p>Cash used in financing activities in 2017 was largely the result of repayment of commercial paper and dividends paid. Cash used in financing activities in 2016 was largely the result of dividends paid more than offsetting proceeds from the issuance of commercial paper.</p>  | <p>Cash used in financing activities in 2017 was largely the result of repayment of commercial paper and dividends paid. Cash used in financing activities in 2016 was largely the result of dividends paid more than offsetting proceeds from the issuance of commercial paper.</p>  |

We believe that internally generated cash flow, supplemented by available borrowings under our existing financing sources, if necessary, will be sufficient to meet our anticipated capital expenditures and other cash requirements for at least the next 12 months, inclusive of requirements relating to the Proposed Transaction and our working capital deficiency, but exclusive of any possible acquisitions. At this time, we do not reasonably expect any presently known trend or uncertainty to affect our ability to access our potential sources of liquidity.

## CAPITAL STRUCTURE AND MANAGEMENT

### PRINCIPAL DEBT INSTRUMENTS

We use a combination of cash generated from operations and short-term and long-term debt to finance our operations. We typically pay floating rates of interest on our short-term debt and credit facility and fixed rates on our senior notes.

During the first half of 2017, there were no significant changes to the nature of our outstanding commercial paper, credit facility, short-term line of credit and uncommitted letter of credit facility described on page 87 in our 2016 AIR. As at June 30, 2017, interest rates on outstanding commercial paper ranged from 1.3 percent to 1.5 percent. (December 31, 2016 0.9 percent to 1.1 percent).

The credit facility and line of credit have financial tests and covenants, including consequences of non-compliance, referenced on page 87 of our 2016 AIR, with which we must comply at each quarter-end. We were in compliance with all covenants as at June 30, 2017 and at this time anticipate being in compliance with such covenants through 2017.

The accompanying table summarizes the limits and results of certain covenants:

#### Debt covenants at June 30

| Dollars (millions), except ratio amounts |      | Limit              | 2017 |
|--|------|--------------------|------|
| Debt-to-capital ratio <sup>1</sup>       | £    | 0.65               | 0.35 |
| Debt of subsidiaries                     | < \$ | 1,000              | \$   |
| Net book value of disposed assets        | < \$ | 4,314 <sup>2</sup> | \$ 1 |

<sup>1</sup> Debt-to-capital ratio = debt (short-term debt and current portion of long-term debt + long-term debt) / (debt + shareholders' equity). This non-IFRS financial measure is a requirement of our debt covenants and should not be considered as a substitute for, nor superior to, measures of financial performance prepared in accordance with IFRS.

<sup>2</sup> Limit is 25 percent of the prior year's year-end total assets.

Our ability to access reasonably priced debt in the capital markets is dependent, in part, on the quality of our credit ratings. We continue to maintain investment-grade credit ratings for our long-term debt. A downgrade of the credit rating of our long-term debt would increase the interest rates applicable to borrowings under our credit facility and our line of credit.

Commercial paper markets are normally a source of same-day cash for the company. Our access to the US commercial paper market primarily depends on maintaining our current short-term credit ratings as well as general conditions in the money markets.

| Long-Term Debt<br>Rating (Outlook) |                     | Short-Term Debt<br>Rating |                     |
|------------------------------------|---------------------|---------------------------|---------------------|
| June 30<br>2017                    | December 31<br>2016 | June 30<br>2017           | December 31<br>2016 |



|                   |                                  |                 |                        |                  |
|-------------------|----------------------------------|-----------------|------------------------|------------------|
| Moody's           | <b>Baa1 (negative)</b>           | Baa1 (negative) | <b>P-2</b>             | P-2              |
| Standard & Poor's | <b>BBB+ (stable)<sup>2</sup></b> | BBB+ (stable)   | <b>A-2<sup>1</sup></b> | A-2 <sup>1</sup> |

<sup>1</sup> S&P assigned a global commercial paper rating of A-2, but rated our commercial paper A-1 (low) on a Canadian scale.

<sup>2</sup> Subsequent to June 30, 2017, S&P revised its outlook from stable to negative.

A security rating is not a recommendation to buy, sell or hold securities. Such rating may be subject to revision or withdrawal at any time by the respective credit rating agency and each rating should be evaluated independently of any other rating.

Our \$4,250 million of senior notes were issued under US shelf registration statements. If the Proposed Transaction is completed, a downgrade in the company's credit ratings below investment-grade would trigger a change in control offer under existing debt securities, except for the senior notes issued in 2016, and the company would be required to make an offer to purchase all, or any part, of the senior notes at 101 percent of the \$3,750 million outstanding principal amount of the senior notes to be repurchased, plus accrued and unpaid interest.

For the first six months of 2017, our weighted average cost of capital was 6.8 percent (2016 7.4 percent), of which 75 percent represented the cost of equity (2016 75 percent).

#### OUTSTANDING SHARE DATA

|   | <b>June 30<br/>2017</b> | December 31<br>2016 |
|---|-------------------------|---------------------|
| Common shares issued and outstanding          | <b>840,086,574</b>      | 839,790,379         |
| Options to purchase common shares outstanding | <b>17,540,468</b>       | 19,470,014          |
| Share-settled performance share units         | <b>959,700</b>          | 602,740             |
| Number of share-settled compensation plans    | <b>9</b>                | 10                  |

## OFF-BALANCE SHEET ARRANGEMENTS

Off-balance sheet arrangements are described on page 88 of our 2016 AIR. We do not reasonably expect any presently known trend or uncertainty to affect our ability to continue using these arrangements. Refer to Note 11 to the financial statements in this

Form 10-Q for a contingency related to Canpotex. Refer to page 88 of our 2016 AIR for information pertaining to our guarantees and derivative instruments. See cash requirements on page 41 of this Form 10-Q and our 2016 AIR for obligations related to operating leases and certain of our long-term raw materials agreements that contain fixed price and/or volume components.

## QUARTERLY FINANCIAL HIGHLIGHTS

| Dollars (millions), except<br>as otherwise noted  | June 30,<br>2017 | March 31,<br>2017 | December 31,<br>2016 | September 30,<br>2016 | June 30,<br>2016 | March 31,<br>2016 | December 31,<br>2015 | September 30,<br>2015 |
|---|------------------|-------------------|----------------------|-----------------------|------------------|-------------------|----------------------|-----------------------|
| <b>Financial Performance</b>                      |                  |                   |                      |                       |                  |                   |                      |                       |
| Sales   | \$ 1,120         | \$ 1,112          | \$ 1,058             | \$ 1,136              | \$ 1,053         | \$ 1,209          | \$ 1,354             | \$ 1,529              |
| Gross margin                                      | 255              | 268               | 163                  | 190                   | 243              | 234               | 386                  | 505                   |
| Net income  | 201              | 149               | 46                   | 81                    | 121              | 75                | 201                  | 282                   |
| Net income per share<br>basic <sup>1</sup>        | 0.24             | 0.18              | 0.05                 | 0.10                  | 0.14             | 0.09              | 0.24                 | 0.34                  |
| Net income per share<br>diluted <sup>1</sup>      | 0.24             | 0.18              | 0.05                 | 0.10                  | 0.14             | 0.09              | 0.24                 | 0.34                  |
| <b>Non-Financial<br/>Performance</b>              |                  |                   |                      |                       |                  |                   |                      |                       |
| Total shareholder return<br>percentage            | (4)              | (5)               | 12                   | 2                     | (3)              | 2                 | (15)                 | (33)                  |
| Employee turnover rate<br>(annualized percentage) | 4                | 4                 | 3                    | 3                     | 4                | 3                 | 3                    | 4                     |
| Total recordable injury<br>rate                   | 0.85             | 0.95              | 0.74                 | 0.92                  | 0.69             | 1.15              | 0.97                 | 1.29                  |
| Environmental incidents                           | 3                | 2                 | 1                    | 5                     | 3                | 9                 | 8                    | 6                     |

<sup>1</sup> Net income per share for each quarter has been computed based on the weighted average number of shares issued and outstanding during the respective quarter, including the dilutive number of shares assumed for the diluted earnings per share computation; therefore, as the number of shares varies each period, quarterly amounts may not add to the annual total.

Refer to Note 10 to the financial statements in this Form 10-Q for information pertaining to sales that can be seasonal.

In the fourth quarter of 2016, earnings were impacted by a \$20 million non-cash impairment charge to property, plant and equipment in the phosphate segment. In the first quarter of 2016, earnings were impacted by a \$27 million non-cash impairment charge to property, plant and equipment in the phosphate segment. In the second quarter of 2016, earnings were impacted by \$33 million in exit costs related to Canpotex's Prince Rupert terminal in the potash segment and a \$10 million non-cash impairment charge on our available-for-sale investment in Sinofert.

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## OTHER FINANCIAL INFORMATION

### RELATED PARTY TRANSACTIONS

Refer to Note 12 to the financial statements in this Form 10-Q for information pertaining to transactions with related parties.

### CRITICAL ACCOUNTING ESTIMATES

There have been no material changes to our critical accounting policies in the first six months of 2017. Certain of these policies, such as long-lived asset impairment, derivative instruments, provisions and contingencies for asset retirement, environmental and other obligations, and capitalization and depreciation of property, plant and equipment, involve critical accounting estimates because they require us to make subjective or complex judgments about matters that are inherently uncertain and because of the likelihood that materially different amounts could be reported under different conditions or using different assumptions, particularly in the current market environment. Impairment sensitivities are described on page 89 of our 2016 AIR.

We have discussed the development, selection and application of our key accounting policies, and the critical accounting estimates and assumptions they involve, with the audit committee of the Board, and the committee reviewed the disclosures described in this Form 10-Q.

### RECENT ACCOUNTING CHANGES

Refer to Note 1 to the financial statements in this Form 10-Q for information on issued accounting pronouncements that will be effective in future periods and were effective in 2017. Information on the implementation of IFRS 15, Revenue From Contracts With Customers and IFRS 16, Leases are described on page 89 of our 2016 AIR.

## OUTLOOK

### POTASH MARKET OUTLOOK

We expect strong potash demand to continue in the second half of 2017 and have increased our anticipated global shipment range to 62-65 million tonnes for 2017, well above the 60 million tonnes shipped last year.

In North America, we had a very successful summer fill program and are now fully committed through the end of September. We believe supportive crop prices and the need to replenish soil nutrients will support consumption through the remainder of the year and continue to anticipate total demand to this market of 9.3-9.8 million tonnes, similar to 2016.

In Latin America, supportive crop economics are expected to maintain a positive demand environment for the remainder of 2017. Following robust first-half deliveries,

we now expect record full-year shipments of 12.0-12.5 million tonnes.

With recently settled contracts in China including those with Canpotex we expect strong deliveries in the second half of 2017. We now estimate demand for the full year in the range of 15.5-16.5 million tonnes, above 2016 levels, as nutrient affordability and a move to balanced fertility continue to drive robust consumption.

In India, we anticipate that a good monsoon, agronomic need and increased acreage will offset the impact of lower subsidies. Following strong first-half shipments, we now expect deliveries of 4.0-4.5 million tonnes for the year,

above 2016 levels.

In Other Asian markets, we expect healthy palm oil prices, improved moisture conditions and favorable economics for other key crops to support demand for the remainder of 2017. We maintain our estimated shipment range of 9.0-9.5 million tonnes for the full year, higher than last year's total.

## FINANCIAL OUTLOOK

Taking the above market factors into consideration, we have raised the bottom end of our guidance range for potash sales volumes (9.0-9.4 million tonnes) and increased the range for potash gross margin (\$650-\$850 million). Our estimates include the benefit of the Rocanville capacity audit results, which increased our Canpotex sales entitlement to approximately 55 percent for the second half of 2017.

In nitrogen, we expect recent capacity additions to continue to pressure prices and alter trade flows, keeping margins below those of 2016. In phosphate, we anticipate that challenging market fundamentals will continue to impact prices and our profitability. Given these considerations, we have lowered the top end of our combined nitrogen and phosphate gross margin range and now estimate \$150-\$300 million in 2017.

With lower annual earnings forecast in the US, we now anticipate an income tax recovery and have adjusted our effective income tax rate to a negative range of 3-6 percent.

We now expect higher provincial mining and other taxes in the range of 19-22 percent of potash gross margin for 2017, primarily due to an increased profit tax forecast resulting from lower estimated capital depreciation.

Income from equity investments is now anticipated in the range of \$170-\$190 million, above the previous guidance range, largely due to the strength of SQM earnings.

Due to the recent strength of the Canadian dollar, we have revised our full-year foreign exchange rate assumption to CDN\$1.32 per US dollar.

Based on these factors, we have maintained our full-year 2017 earnings guidance of \$0.45-\$0.65 per share, including merger-related costs now expected to be \$0.06 per share.

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## FORWARD-LOOKING STATEMENTS

Certain statements in this Quarterly Report on Form 10-Q, including, but not limited to, those in the Outlook section of Management's Discussion and Analysis of Financial Condition and Results of Operations, contain forward-looking statements (within the meaning of the US Private Securities Litigation Reform Act of 1995 and other US federal securities laws) or forward-looking information (within the meaning of applicable Canadian securities legislation) that relate to future events or our future financial performance. These statements can be identified by expressions of belief, expectation or intention, as well as those statements that are not historical fact. These statements often contain words such as should, could, expect, may, anticipate, forecast, believe, intend, estimates, plans and similar. These statements are based on certain factors and assumptions as set forth in this Quarterly Report on Form 10-Q, including with respect to: foreign exchange rates, expected growth, results of operations, performance, business prospects and opportunities, including the Proposed Transaction, and effective tax rates. While the company considers these factors and assumptions to be reasonable based on information currently available, they may prove to be incorrect. Forward-looking statements are subject to risks and uncertainties that are difficult to predict. The results or events set forth in forward-looking statements may differ materially from actual results or events. Several factors could cause our actual results or events to differ materially from those expressed in forward-looking statements including, but not limited to, the following: a number of risks and uncertainties relating to the Proposed Transaction, including the failure to satisfy all required conditions, including required regulatory approvals, or to satisfy or obtain waivers with respect to all other closing conditions in a timely manner and on favorable terms or at all; the occurrence of any event, change or other circumstances that could give rise to the termination of the Arrangement Agreement; certain costs that we may incur in connection with the Proposed Transaction; certain restrictions in the Arrangement Agreement on our ability to take action outside the ordinary course of business without the consent of Agrium; the effect of the announcement of the Proposed Transaction on our ability to retain customers, suppliers and personnel and on our operating future business and operations generally; risks related to diversion of management time from ongoing business operations due to the Proposed Transaction; failure to realize the anticipated benefits of the Proposed Transaction and to successfully integrate Agrium and PotashCorp; the risk that our credit ratings may be downgraded or there may be adverse conditions in the credit markets; any significant impairment of the carrying amount of certain of our assets; variations from our assumptions with respect to

foreign exchange rates, expected growth, results of operations, performance, business prospects and opportunities, and effective tax rates; fluctuations in supply and demand in the fertilizer, sulfur and petrochemical markets; changes in competitive pressures, including pricing pressures; risks and uncertainties related to any operating and workforce changes made in response to our industry and the markets we serve, including mine and inventory shutdowns; adverse or uncertain economic conditions and changes in credit and financial markets; economic and political uncertainty around the world; changes in capital markets; the results of sales contract negotiations within major markets; unexpected or adverse weather conditions; risks related to reputational loss; the occurrence of a major safety incident; inadequate insurance coverage for a significant liability; inability to obtain relevant permits for our operations; catastrophic events or malicious acts, including terrorism; certain complications that may arise in our mining process, including water inflows; risks and uncertainties related to our international operations and assets; our ownership of non-controlling equity interests in other companies; our prospects to reinvest capital in strategic opportunities and acquisitions; risks associated with natural gas and other hedging activities; security risks related to our information technology systems; imprecision in reserve estimates; costs and availability of transportation and distribution for our raw materials and products, including railcars and ocean freight; changes in, and the effects of, government policies and regulations; earnings and the decisions of taxing authorities which could affect our effective tax rates; increases in the price or reduced availability of the raw materials that we use; our ability to attract, develop, engage and retain skilled employees; strikes or other forms of work stoppage or slowdowns; rates of return on, and the risks associated with, our investments and capital expenditures; timing and impact of capital expenditures; the impact of further innovation; adverse developments in pending or future legal proceedings or government investigations; and violations of our governance and compliance policies. These risks and uncertainties and additional risks and uncertainties can be found in our Form 10-K for the year ended December 31, 2016 under the captions Forward-Looking Statements and

Item 1A Risk Factors, and in our filings with the US Securities and Exchange Commission and Canadian provincial securities commissions. As a result of these and other factors, there is no assurance that any of the events, circumstances or results anticipated by forward-looking statements included or incorporated by reference into this Quarterly Report on Form 10-Q will occur or, if they do, of what impact they will have on our business, our performance, the results of our operations and our financial condition. Forward-looking statements are given only as at the date of this report and the company disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.



### Item 3. Quantitative and Qualitative Disclosures About Market Risk

Market risk is the potential for loss from adverse changes in the market value of financial instruments. The level of market risk to which we are exposed varies depending on the composition of our derivative instrument portfolio, as well as current and expected market conditions. A discussion of enterprise-wide risk management can be found in our 2016 AIR, pages 48 to 55.

Price, foreign exchange and interest rate risks faced by the company and how we manage those risks are outlined in Notes 17 and 29 to the 2016 audited annual consolidated financial statements and there were no significant changes as at June 30, 2017.

#### PRICE RISK

The carrying amount of our investments in ICL and Sinofert was \$1,028 million at June 30, 2017 (December 31, 2016 \$937 million). A 10 percent increase in the prices of these investments would increase other comprehensive income by \$103 million, while a 10 percent decrease would reduce other comprehensive income by \$91 million and an impairment of \$12 million for our investment in Sinofert would be recognized in net income. At June 30, 2017, this analysis assumed that price decreases related to the company's investment in ICL would not represent an impairment, and price decreases related to the company's investment in Sinofert below the carrying amount at the impairment measurement date of June 30, 2016 (\$190 million) would represent an impairment and all other variables remain constant.

There were no substantial changes to the price sensitivities related to our natural gas derivatives reported in Note 29 to the 2016 audited annual consolidated financial statements.

As at June 30, 2017, the company's net exposure to natural gas derivatives in the form of swaps was a notional amount of 36 million MMBtu (December 31, 2016 swaps was a notional amount of 46 million MMBtu) with maturities in 2017 through 2022.

#### FOREIGN EXCHANGE RISK

As at June 30, 2017, the company had entered into foreign currency forward contracts to sell US dollars and receive Canadian dollars in the notional amount of \$15 million (December 31, 2016 \$21 million) at an average exchange rate of 1.3354 (December 31, 2016 1.3490) per US dollar with maturities in 2017. There were no substantial changes to the foreign exchange sensitivities reported in Note 29 to the 2016 audited annual consolidated financial statements.

#### INTEREST RATE RISK

As at June 30, 2017, the company had no significant exposure to interest rate risk.

### Item 4. Controls and Procedures

As of June 30, 2017, we carried out an evaluation under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives. Based upon that evaluation and as of June 30, 2017, the Chief Executive Officer and Chief Financial Officer concluded that the disclosure controls and procedures were effective to provide reasonable assurance that information required to be disclosed in the reports the company files and submits under the Securities

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Exchange Act of 1934 is recorded, processed, summarized and reported as and when required and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

There has been no change in our internal control over financial reporting during the quarter ended June 30, 2017 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

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## PART II. OTHER INFORMATION

### Item 1. Legal Proceedings

For a description of certain legal and environmental proceedings, see Note 11 to the unaudited interim condensed consolidated financial statements included in Part I of this Quarterly Report on Form 10-Q.

### Item 4. Other Information

#### MINE SAFETY DISCLOSURES

Safety is a fundamental core value and we are committed to providing a healthy and safe work environment for our employees, contractors and all others at our sites to help meet our company-wide goal of achieving no harm to people.

The operations at the company's Aurora, Weeping Water and White Springs facilities are subject to the *Federal Mine Safety and Health Act of 1977*, as amended by the

*Mine Improvement and New Emergency Response Act of 2006*, and the implementing regulations, which impose stringent health and safety standards on numerous aspects of mineral extraction and processing operations, including the training of personnel, operating procedures, operating equipment and other matters. Our senior management is responsible for managing compliance with applicable government regulations, as well as implementing and overseeing the elements of our safety program as outlined in our Safety, Health and Environment Manual.

Section 1503(a) of the *Dodd-Frank Wall Street Reform and Consumer Protection Act* (Section 1503(a)) requires us to include certain safety information in the periodic reports we file with the United States Securities and Exchange Commission. The information concerning mine safety violations and other regulatory matters required by Section 1503(a) and Item 104 of Regulation S-K is included in Exhibit 95 to this Quarterly Report on Form 10-Q.

## Item 6. Exhibits

## (a) Exhibits

|                   |  | Incorporated By Reference                        |                                |                                  |
|-------------------|--|--|--------------------------------|----------------------------------|
|                   |  | (File No. 001-10351, unless otherwise indicated) |                                |                                  |
| Exhibit<br>Number | Description of Document  | Form   | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
| 2(a)              | Arrangement Agreement, dated September 11, 2016, between Potash Corporation of Saskatchewan Inc. and Agrium Inc.   | 8-K  | 9/12/2016                      | 2.1                              |
| 3(a)              | Articles of Continuance of the registrant dated May 15, 2002.  | 10-Q   | 6/30/2002                      |                                  |
| 3(b)              | General By-Law of the registrant, as amended through April 27, 2015.   | 8-K  | 4/27/2015                      | 3(a)                             |
| 4(a)              | Indenture dated as of February 27, 2003, between the registrant and U.S. Bank National Association, as successor to The Bank of Nova Scotia Trust Company of New York. | 10-K   | 12/31/2002                     | 4(c)                             |
| 4(b)              | Form of Note relating to the registrant s \$500,000,000 principal amount of 5.875% Notes due December 1, 2036.   | 8-K  | 11/30/2006                     | 4(a)                             |
| 4(c)              | Form of Note relating to the registrant s \$500,000,000 principal amount of 6.50% Notes due May 15, 2019.  | 8-K  | 5/1/2009                       | 4(b)                             |
| 4(d)              | Form of Note relating to the registrant s \$500,000,000 principal amount of 4.875% Notes due March 30, 2020.   | 8-K  | 9/25/2009                      | 4(b)                             |
| 4(e)              | Form of Note relating to the registrant s \$750,000,000 principal amount of 3.625% Notes due March 15, 2024.   | 8-K  | 3/7/2014                       | 4(a)                             |
| 4(f)              | Form of Note relating to the registrant s \$500,000,000 principal amount of 3.000% Notes due April 1, 2025.  | 8-K  | 3/26/2015                      | 4(a)                             |
| 4(g)              | Revolving Term Credit Facility Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated December 11, 2009.                  | 8-K  | 12/15/2009                     | 4(a)                             |
| 4(h)              | Revolving Term Credit Facility First Amending Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated September 23, 2011.  | 8-K  | 9/26/2011                      | 4(a)                             |
| 4(i)              | Revolving Term Credit Facility Second Amending Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated as of May 24, 2013. | 8-K  | 5/28/2013                      | 4(a)                             |
| 4(j)              | Form of Note relating to the registrant s \$500,000,000 principal amount of 3.25% Notes due December 1, 2017.  | 8-K  | 11/29/2010                     | 4(a)                             |

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|      |   |      |            |      |
|------|---|------|------------|------|
| 4(k) | Form of Note relating to the registrant s \$500,000,000 principal amount of 5.625% Notes due December 1, 2040.  | 8-K  | 11/29/2010 | 4(b) |
| 4(l) | Agreement of Resignation, Appointment and Acceptance, dated as of June 25, 2013, by and among the registrant, The Bank of Nova Scotia Trust Company of New York and U.S. Bank National Association. | 8-K  | 6/27/2013  | 4(a) |
| 4(m) | Revolving Term Credit Facility Third Amending Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated July 8, 2014.                                     | 10-Q | 7/29/2014  |      |
| 4(n) | Revolving Term Credit Facility Fourth Amending Agreement between The Bank of Nova Scotia and other financial institutions and the registrant dated January 25, 2016.                                | 8-K  | 1/29/2016  | 4(a) |
| 4(o) | Extension Agreement between The Bank of Nova Scotia and other financial institutions and the registrant dated June 27, 2016.  | 10-Q | 8/3/2016   |      |
| 4(p) | Form of Note relating to the registrant s \$500,000,000 principal amount of 4.000% Notes due December 15, 2026.   | 8-K  | 12/6/2016  | 4(a) |

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The registrant hereby undertakes to file with the Securities and Exchange Commission, upon request, copies of any constituent instruments defining the rights of holders of long-term debt of the registrant or its subsidiaries that have not been filed herewith because the amounts represented thereby are less than 10% of the total assets of the registrant and its subsidiaries on a consolidated basis.

Incorporated By Reference

(File No. 001-10351, unless otherwise indicated)

| Exhibit Number | Description of Document  | Form | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
|----------------|--|------|--------------------------------|----------------------------------|
| 10(a)          | Consolidated, Restated and Amended Canpotex Shareholders Agreement, Eighth Memorandum of Agreement dated January 1, 2014 between Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd., the registrant and Canpotex Limited.  | 10-K | 12/31/2013                     |                                  |
| 10(b)          | Consolidated, Restated and Amended Producer Agreement, Eighth Memorandum of Agreement dated January 1, 2014 between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant.   | 10-K | 12/31/2013                     |                                  |
| 10(c)          | First Amending Agreement dated January 1, 2016, between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant, to the Consolidated, Restated and Amended Producer Agreement Eight Memorandum of Agreement, dated January 1, 2014.    | 10-Q | 9/30/2016                      |                                  |
| 10(d)          | Second Amending Agreement dated December 20, 2016, between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant, to the Consolidated, Restated and Amended Producer Agreement Eighth Memorandum of Agreement dated January 1, 2014. | 10-Q | 3/31/2017                      |                                  |
| 10(e)          | Short-Term Incentive Plan of the registrant effective January 1, 2000, as amended.   | 8-K  | 3/13/2012                      | 10(a)                            |
| 10(f)          | Resolution and Forms of Agreement for Supplemental Executive Retirement Income Plan, for officers and key employees of the registrant.   | 10-K | 12/31/1995                     | 10(o)                            |
| 10(g)          | Amending Resolution and revised forms of agreement regarding Supplemental Retirement Income Plan of the registrant.  | 10-Q | 6/30/1996                      | 10(x)                            |
| 10(h)          | Amended and restated Supplemental Executive Retirement Income Plan of the registrant and text of amendment to existing supplemental income plan agreements.  | 10-Q | 9/30/2000                      | 10(mm)                           |
| 10(i)          |  | 10-K | 12/31/2008                     | 10(r)                            |

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|       |   |      |            |        |
|-------|---|------|------------|--------|
|       | Amendment, dated February 23, 2009, to the amended and restated Supplemental Executive Retirement Income Plan.  |      |            |        |
| 10(j) | Amendment, dated December 29, 2010, to the amended and restated Supplemental Executive Retirement Income Plan.  | 10-K | 12/31/2010 | 10(r)  |
| 10(k) | Amended and restated Supplemental Executive Retirement Income Plan of the registrant, dated February 22, 2016.  | 10-K | 12/31/2015 | 10(i)  |
| 10(l) | Form of Letter of amendment to existing supplemental income plan agreements of the registrant.  | 10-K | 12/31/2002 | 10(cc) |
| 10(m) | Amendment, dated February 23, 2009, to the amended and restated agreement, dated August 2, 1996, between the registrant and Wayne R. Brownlee concerning the Supplemental Executive Retirement Income Plan. | 10-K | 12/31/2008 | 10(w)  |
| 10(n) | Amendment, dated December 29, 2010, to the amended and restated agreement, dated August 2, 1996, between the registrant and Wayne R. Brownlee concerning the Supplemental Executive Retirement Income Plan. | 10-K | 12/31/2010 | 10(z)  |
| 10(o) | Supplemental Retirement Agreement dated December 24, 2008, between the registrant and Stephen F. Dowdle.  | 10-K | 12/31/2011 | 10(bb) |

|                |  | Incorporated By Reference                        |                                |                                  |
|----------------|--|--|--------------------------------|----------------------------------|
|                |  | (File No. 001-10351, unless otherwise indicated) |                                |                                  |
| Exhibit Number | Description of Document  | Form   | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
| 10(p)          | PCS Supplemental Retirement Plan for U.S Executives (as amended and restated and in effect as of January 1, 2016).                       | 10-K   | 12/31/2015                     | 10(n)                            |
| 10(q)          | Forms of Agreement dated December 30, 1994, between the registrant and certain officers of the registrant.                               | 10-K   | 12/31/1995                     |                                  |
| 10(r)          | Form of Agreement of Indemnification dated August 8, 1995, between the registrant and certain officers and directors of the registrant.  | 10-K   | 12/31/1995                     |                                  |
| 10(s)          | Resolution and Form of Agreement of Indemnification dated January 24, 2001.  | 10-K   | 12/31/2000                     | 10(ii)                           |
| 10(t)          | Resolution and Form of Agreement of Indemnification dated July 21, 2004.   | 10-Q   | 6/30/2004                      | 10(ii)                           |
| 10(u)          | Potash Corporation of Saskatchewan Inc. Deferred Share Unit Plan for Non-Employee Directors.   | 10-Q   | 3/31/2012                      | 10(ll)                           |
| 10(v)          | Potash Corporation of Saskatchewan Inc. 2007 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2007                      | 10(ee)                           |
| 10(w)          | Potash Corporation of Saskatchewan Inc. 2008 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2008                      | 10(ff)                           |
| 10(x)          | Potash Corporation of Saskatchewan Inc. 2009 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2009                      | 10(mm)                           |
| 10(y)          | Potash Corporation of Saskatchewan Inc. 2010 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/7/2010                       | 10.1                             |
| 10(z)          | Potash Corporation of Saskatchewan Inc. 2011 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/13/2011                      | 10(a)                            |
| 10(aa)         | Potash Corporation of Saskatchewan Inc. 2012 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/18/2012                      | 10(a)                            |
| 10(bb)         | Potash Corporation of Saskatchewan Inc. 2013 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/17/2013                      | 10(a)                            |
| 10(cc)         | Potash Corporation of Saskatchewan Inc. 2014 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/16/2014                      | 10(a)                            |
| 10(dd)         | Potash Corporation of Saskatchewan Inc. 2015 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/13/2015                      | 10(a)                            |
| 10(ee)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan.   | 8-K  | 5/11/2016                      | 10.1                             |
| 10(ff)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Performance Share Unit Agreement (2016-2018 Phased Grant). | 8-K  | 5/11/2016                      | 10.2                             |
| 10(gg)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Performance Share Unit Agreement.                          | 8-K  | 5/11/2016                      | 10.3                             |



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|        |   |      |            |        |
|--------|---|------|------------|--------|
| 10(hh) | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Option Agreement.                 | 8-K  | 5/11/2016  | 10.4   |
| 10(ii) | Executive Employment Agreement, dated July 1, 2014, between registrant and Jochen E. Tilk.                      | 10-K | 9/30/2014  | 10(nn) |
| 10(jj) | PCS Supplemental Executive Retirement Plan for Canadian Executives.   | 10-K | 12/31/2014 | 10(oo) |
| 10(kk) | CEO Multi-Year Incentive Plan.  | 10-K | 12/31/2014 | 10(pp) |
| 10(ll) | Letter Agreement, dated January 13, 2016 and revised February 2, 2016, between registrant and G. David Delaney. | 10-K | 12/31/2015 | 10(gg) |
| 10(mm) | Short-Term Incentive Plan, dated February 22, 2016.   | 10-K | 12/31/2015 | 10(hh) |
| 10(nn) | Form of Company Support Agreement.  | 8-K  | 9/12/2016  | 10.1   |
| 10(oo) | Form of Agrium Support Agreement.   | 8-K  | 9/12/2016  | 10.2   |
| 10(pp) | Form of Change in Control Agreement between the registrant and certain Canadian executives.                     | 10-Q | 9/30/2016  |        |

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Incorporated By Reference

(File No. 001-10351, unless otherwise indicated)

| Exhibit Number | Description of Document   | Form | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
|----------------|---|------|--------------------------------|----------------------------------|
| 10(qq)         | Form of Change in Control Agreement, between the registrant and certain U.S. executives.  | 10-Q | 9/30/2016                      |                                  |
| 10(rr)         | Letter Agreement, dated January 20, 2016 and revised February 2, 2016, between registrant and Paul E. Dekok.  | 10-K | 12/31/2016                     |                                  |
| 31(a)          | Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 31(b)          | Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 32             | Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 95             | 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. |      |                                |                                  |

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## 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.

POTASH CORPORATION OF SASKATCHEWAN INC.

August 2, 2017

By: /s/ Joseph Podwika  
Joseph Podwika  
*Senior Vice President, General Counsel and Secretary*

August 2, 2017

By: /s/ Wayne R. Brownlee  
Wayne R. Brownlee  
*Executive Vice President, Treasurer and  
Chief Financial Officer*  
  
*(Principal Financial and Accounting Officer)*

## EXHIBIT INDEX

| Incorporated By Reference                        |  |      |                                |                                  |
|--|--|------|--------------------------------|----------------------------------|
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| 3(a)   | Articles of Continuance of the registrant dated May 15, 2002.  | 10-Q | 6/30/2002                      |                                  |
| 3(b)   | General By-Law of the registrant, as amended through April 27, 2015.   | 8-K  | 4/27/2015                      | 3(a)                             |
| 4(a)   | Indenture dated as of February 27, 2003, between the registrant and U.S. Bank National Association, as successor to The Bank of Nova Scotia Trust Company of New York. | 10-K | 12/31/2002                     | 4(c)                             |
| 4(b)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 5.875% Notes due December 1, 2036.   | 8-K  | 11/30/2006                     | 4(a)                             |
| 4(c)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 6.50% Notes due May 15, 2019.  | 8-K  | 5/1/2009                       | 4(b)                             |
| 4(d)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 4.875% Notes due March 30, 2020.   | 8-K  | 9/25/2009                      | 4(b)                             |
| 4(e)   | Form of Note relating to the registrant s \$750,000,000 principal amount of 3.625% Notes due March 15, 2024.   | 8-K  | 3/7/2014                       | 4(a)                             |
| 4(f)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 3.000% Notes due April 1, 2025.  | 8-K  | 3/26/2015                      | 4(a)                             |
| 4(g)   | Revolving Term Credit Facility Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated December 11, 2009.                  | 8-K  | 12/15/2009                     | 4(a)                             |
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| 4(j)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 3.25% Notes due December 1, 2017.  | 8-K  | 11/29/2010                     | 4(a)                             |
| 4(k)   | Form of Note relating to the registrant s \$500,000,000 principal amount of 5.625% Notes due December 1, 2040.   | 8-K  | 11/29/2010                     | 4(b)                             |

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|      |   |      |           |      |
|------|---|------|-----------|------|
| 4(l) | Agreement of Resignation, Appointment and Acceptance, dated as of June 25, 2013, by and among the registrant, The Bank of Nova Scotia Trust Company of New York and U.S. Bank National Association. | 8-K  | 6/27/2013 | 4(a) |
| 4(m) | Revolving Term Credit Facility Third Amending Agreement between the Bank of Nova Scotia and other financial institutions and the registrant dated July 8, 2014.                                     | 10-Q | 7/29/2014 |      |
| 4(n) | Revolving Term Credit Facility Fourth Amending Agreement between The Bank of Nova Scotia and other financial institutions and the registrant dated January 25, 2016.                                | 8-K  | 1/29/2016 | 4(a) |
| 4(o) | Extension Agreement between The Bank of Nova Scotia and other financial institutions and the registrant dated June 27, 2016.  | 10-Q | 8/3/2016  |      |
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The registrant hereby undertakes to file with the Securities and Exchange Commission, upon request, copies of any constituent instruments defining the rights of holders of long-term debt of the registrant or its subsidiaries that have not been filed herewith because the amounts represented thereby are less than 10% of the total assets of the registrant and its subsidiaries on a consolidated basis.

Incorporated By Reference

(File No. 001-10351, unless otherwise indicated)

| Exhibit Number | Description of Document  | Form | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
|----------------|--|------|--------------------------------|----------------------------------|
| 10(a)          | Consolidated, Restated and Amended Canpotex Shareholders Agreement, Eighth Memorandum of Agreement dated January 1, 2014 between Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd., the registrant and Canpotex Limited.  | 10-K | 12/31/2013                     |                                  |
| 10(b)          | Consolidated, Restated and Amended Producer Agreement, Eighth Memorandum of Agreement dated January 1, 2014 between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant.   | 10-K | 12/31/2013                     |                                  |
| 10(c)          | First Amending Agreement dated January 1, 2016, between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant, to the Consolidated, Restated and Amended Producer Agreement Eight Memorandum of Agreement, dated January 1, 2014.    | 10-Q | 9/30/2016                      |                                  |
| 10(d)          | Second Amending Agreement dated December 20, 2016, between Canpotex Limited, Agrium Inc., Mosaic Canada Crop Nutrition, LP, by its general partner, 4379934 Canada Ltd. and the registrant, to the Consolidated, Restated and Amended Producer Agreement Eighth Memorandum of Agreement dated January 1, 2014. | 10-Q | 3/31/2017                      |                                  |
| 10(e)          | Short-Term Incentive Plan of the registrant effective January 1, 2000, as amended.   | 8-K  | 3/13/2012                      | 10(a)                            |
| 10(f)          | Resolution and Forms of Agreement for Supplemental Executive Retirement Income Plan, for officers and key employees of the registrant.   | 10-K | 12/31/1995                     | 10(o)                            |
| 10(g)          | Amending Resolution and revised forms of agreement regarding Supplemental Retirement Income Plan of the registrant.  | 10-Q | 6/30/1996                      | 10(x)                            |
| 10(h)          | Amended and restated Supplemental Executive Retirement Income Plan of the registrant and text of amendment to existing supplemental income plan agreements.  | 10-Q | 9/30/2000                      | 10(mm)                           |
| 10(i)          |  | 10-K | 12/31/2008                     | 10(r)                            |

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|       |   |      |            |        |
|-------|---|------|------------|--------|
|       | Amendment, dated February 23, 2009, to the amended and restated Supplemental Executive Retirement Income Plan.  |      |            |        |
| 10(j) | Amendment, dated December 29, 2010, to the amended and restated Supplemental Executive Retirement Income Plan.  | 10-K | 12/31/2010 | 10(r)  |
| 10(k) | Amended and restated Supplemental Executive Retirement Income Plan of the registrant, dated February 22, 2016.  | 10-K | 12/31/2015 | 10(i)  |
| 10(l) | Form of Letter of amendment to existing supplemental income plan agreements of the registrant.  | 10-K | 12/31/2002 | 10(cc) |
| 10(m) | Amendment, dated February 23, 2009, to the amended and restated agreement, dated August 2, 1996, between the registrant and Wayne R. Brownlee concerning the Supplemental Executive Retirement Income Plan. | 10-K | 12/31/2008 | 10(w)  |
| 10(n) | Amendment, dated December 29, 2010, to the amended and restated agreement, dated August 2, 1996, between the registrant and Wayne R. Brownlee concerning the Supplemental Executive Retirement Income Plan. | 10-K | 12/31/2010 | 10(z)  |
| 10(o) | Supplemental Retirement Agreement dated December 24, 2008, between the registrant and Stephen F. Dowdle.  | 10-K | 12/31/2011 | 10(bb) |

|                |  | Incorporated By Reference                        |                                |                                  |
|----------------|--|--|--------------------------------|----------------------------------|
|                |  | (File No. 001-10351, unless otherwise indicated) |                                |                                  |
| Exhibit Number | Description of Document  | Form   | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
| 10(p)          | PCS Supplemental Retirement Plan for U.S Executives (as amended and restated and in effect as of January 1, 2016).                       | 10-K   | 12/31/2015                     | 10(n)                            |
| 10(q)          | Forms of Agreement dated December 30, 1994, between the registrant and certain officers of the registrant.                               | 10-K   | 12/31/1995                     |                                  |
| 10(r)          | Form of Agreement of Indemnification dated August 8, 1995, between the registrant and certain officers and directors of the registrant.  | 10-K   | 12/31/1995                     |                                  |
| 10(s)          | Resolution and Form of Agreement of Indemnification dated January 24, 2001.  | 10-K   | 12/31/2000                     | 10(ii)                           |
| 10(t)          | Resolution and Form of Agreement of Indemnification dated July 21, 2004.   | 10-Q   | 6/30/2004                      | 10(ii)                           |
| 10(u)          | Potash Corporation of Saskatchewan Inc. Deferred Share Unit Plan for Non-Employee Directors.   | 10-Q   | 3/31/2012                      | 10(ll)                           |
| 10(v)          | Potash Corporation of Saskatchewan Inc. 2007 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2007                      | 10(ee)                           |
| 10(w)          | Potash Corporation of Saskatchewan Inc. 2008 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2008                      | 10(ff)                           |
| 10(x)          | Potash Corporation of Saskatchewan Inc. 2009 Performance Option Plan and Form of Option Agreement.                                       | 10-Q   | 3/31/2009                      | 10(mm)                           |
| 10(y)          | Potash Corporation of Saskatchewan Inc. 2010 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/7/2010                       | 10.1                             |
| 10(z)          | Potash Corporation of Saskatchewan Inc. 2011 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/13/2011                      | 10(a)                            |
| 10(aa)         | Potash Corporation of Saskatchewan Inc. 2012 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/18/2012                      | 10(a)                            |
| 10(bb)         | Potash Corporation of Saskatchewan Inc. 2013 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/17/2013                      | 10(a)                            |
| 10(cc)         | Potash Corporation of Saskatchewan Inc. 2014 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/16/2014                      | 10(a)                            |
| 10(dd)         | Potash Corporation of Saskatchewan Inc. 2015 Performance Option Plan and Form of Option Agreement.                                       | 8-K  | 5/13/2015                      | 10(a)                            |
| 10(ee)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan.   | 8-K  | 5/11/2016                      | 10.1                             |
| 10(ff)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Performance Share Unit Agreement (2016-2018 Phased Grant). | 8-K  | 5/11/2016                      | 10.2                             |
| 10(gg)         | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Performance Share Unit Agreement.                          | 8-K  | 5/11/2016                      | 10.3                             |



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|        |   |      |            |        |
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| 10(hh) | Potash Corporation of Saskatchewan Inc. 2016 Long-Term Incentive Plan Form of Option Agreement.                 | 8-K  | 5/11/2016  | 10.4   |
| 10(ii) | Executive Employment Agreement, dated July 1, 2014, between registrant and Jochen E. Tilk.                      | 10-K | 9/30/2014  | 10(nn) |
| 10(jj) | PCS Supplemental Executive Retirement Plan for Canadian Executives.   | 10-K | 12/31/2014 | 10(oo) |
| 10(kk) | CEO Multi-Year Incentive Plan.  | 10-K | 12/31/2014 | 10(pp) |
| 10(ll) | Letter Agreement, dated January 13, 2016 and revised February 2, 2016, between registrant and G. David Delaney. | 10-K | 12/31/2015 | 10(gg) |
| 10(mm) | Short-Term Incentive Plan, dated February 22, 2016.   | 10-K | 12/31/2015 | 10(hh) |
| 10(nn) | Form of Company Support Agreement.  | 8-K  | 9/12/2016  | 10.1   |
| 10(oo) | Form of Agrium Support Agreement.   | 8-K  | 9/12/2016  | 10.2   |
| 10(pp) | Form of Change in Control Agreement between the registrant and certain Canadian executives.                     | 10-Q | 9/30/2016  |        |

Incorporated By Reference

(File No. 001-10351, unless otherwise indicated)

| Exhibit Number | Description of Document   | Form | Filing Date/Period<br>End Date | Exhibit Number<br>(if different) |
|----------------|---|------|--------------------------------|----------------------------------|
| 10(qq)         | Form of Change in Control Agreement, between the registrant and certain U.S. executives.  | 10-Q | 9/30/2016                      |                                  |
| 10(rr)         | Letter Agreement, dated January 20, 2016 and revised February 2, 2016, between registrant and Paul E. Dekok.  | 10-K | 12/31/2016                     |                                  |
| 31(a)          | Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 31(b)          | Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 32             | Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.  |      |                                |                                  |
| 95             | 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. |      |                                |                                  |