# Quanex Building Products Announces Second Quarter 2020 Results 

Balance Sheet \& Liquidity Remain Strong<br>Margin Expansion Realized in NA Fenestration Segment Management Optimistic About Recovery

HOUSTON, TEXAS - June 4, 2020 - Quanex Building Products Corporation (NYSE:NX) ("Quanex" or the "Company") today announced its results for the three months ended April 30, 2020.

The Company reported the following selected financial results:

|  | Three Months Ended April 30, |  | Six Months Ended April 30, |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2020 | 2019 | 2020 | 2019 |
| Net Sales | \$187.5 | \$218.2 | \$384.1 | \$415.0 |
| Gross Margin | \$37.7 | \$46.8 | \$76.9 | \$85.1 |
| Gross Margin \% | 20.1\% | 21.5\% | 20.0\% | 20.5\% |
| Net Income (Loss) | \$5.5 | (\$24.0) | \$5.5 | (\$27.6) |
| Diluted EPS | \$0.17 | (\$0.73) | \$0.17 | (\$0.84) |
| Adjusted Net Income | \$6.4 | \$6.3 | \$7.6 | \$4.0 |
| Adjusted Diluted EPS | \$0.19 | \$0.19 | \$0.23 | \$0.12 |
| Adjusted EBITDA | \$21.8 | \$23.4 | \$37.5 | \$35.4 |
| Adjusted EBITDA Margin \% | 11.6\% | 10.7\% | 9.8\% | 8.5\% |
| Cash Provided by Operating Activities | \$6.1 | \$20.4 | \$2.5 | \$0.1 |
| Free Cash Flow | (\$0.9) | \$13.6 | (\$13.8) | (\$12.9) |

(See Non-GAAP Terminology Definitions and Disclaimers section, Non-GAAP Financial Measure Disclosure table Selected Segment Data table and Free Cash Flow Reconciliation table for additional information)

George Wilson, President and Chief Executive Officer, commented, "The first two months of our second quarter were very solid, but, as expected, April proved to be a challenge due to the ongoing COVID-19 pandemic. Despite the volume decline in April, we were able to realize Adjusted EBITDA margin expansion in our North American Fenestration segment and on a consolidated basis.
"As previously disclosed, due to the uncertainty related to the COVID-19 pandemic, we withdrew guidance for 2020 and borrowed against our revolving credit facility as a precautionary measure. Our variable cost structure enables us to flex down as volume dictates to protect margins. As such, we implemented furloughs, reduced shift patterns, suspended all near-term non-essential capital requirements and we are engaged in ongoing discussions with our customers and suppliers with respect to managing working capital. As of today, all of our plants are operational, we have started to recall furloughed employees, our balance sheet and liquidity remain very strong, our dividend is currently safe and volume in May was not as soft as anticipated. We are optimistic about the recovery ahead, but we understand that challenges will persist in the near-term. We have worked hard over the past few years to make sure we have a flexible capital structure and a balance sheet that is strong enough to weather the challenges we are currently facing. As a result of these actions, we believe our Company is well positioned to take advantage of any opportunities that may arise as a result of this pandemic." (See NonGAAP Terminology Definitions and Disclaimers section for additional information)

## Second Quarter 2020 Results Summary

The decrease in net sales during the second quarter of 2020 was primarily attributable to softer demand in April related to the COVID-19 pandemic. Volume started to decline in all of Quanex's manufacturing facilities in late March and the Company's two manufacturing facilities in the UK were shut down completely on March 25, 2020 in compliance with government orders. (See Sales Analysis table for additional information)

The increase in reported earnings was primarily the result of a $\$ 30.0$ million, or $\$ 0.91$ per diluted share, non-cash goodwill impairment in the North American Cabinet Components segment during the second quarter of 2019. The increase in adjusted earnings was driven by lower selling, general and administrative expense.

## Balance Sheet \& Liquidity Update

As of April 30, 2020, Quanex's leverage ratio of Net Debt to LTM Adjusted EBITDA was unchanged at 1.4x. (See Non-GAAP Terminology Definitions and Disclaimers section for additional information)

The Company's liquidity was $\$ 189.3$ million as of April 30, 2020, consisting of $\$ 80.2$ million in cash on hand plus availability under its Senior Secured Revolving Credit Facility due 2023, less letters of credit outstanding.

## Share Repurchases

Quanex's Board of Directors authorized a $\$ 60$ million share repurchase program in September of 2018. Repurchases under this program will be made in open market transactions or privately negotiated transactions, subject to market conditions, applicable legal requirements and other relevant factors. The program does not have an expiration date or a limit on the number of shares that may be repurchased. The Company repurchased 149,937 shares of common stock for approximately $\$ 2.1$ million at an average price of $\$ 13.70$ per share during the three months ended April 30, 2020. As of April 30, 2020, approximately $\$ 11.7$ million remained under the existing share repurchase authorization.

## Recent Events

Quanex's Board of Directors declared a quarterly cash dividend of $\$ 0.08$ per share on the Company's common stock, payable June 30, 2020, to shareholders of record on June 15, 2020.

## Conference Call and Webcast Information

The Company has scheduled a conference call for Friday, June 5, 2020, at 11:00 a.m. ET (10:00 a.m. CT). To participate in the conference call dial (877) 388-2139 for domestic callers and (541) 797-2983 for international callers, in both cases using the conference passcode 4662437, and ask for the Quanex call a few minutes prior to the start time. A link to the live audio webcast will also be available on the Company's website at http://www.quanex.com in the Investors section under Presentations \& Events. A telephonic replay of the call will be available approximately two hours after the live broadcast ends and will be accessible through June 12, 2020. To access the replay dial (855) 859-2056 for domestic callers and (404) 537-3406 for international callers, in both cases referencing conference passcode 4662437.


#### Abstract

About Quanex Quanex Building Products Corporation is an industry-leading manufacturer of components sold to Original Equipment Manufacturers (OEMs) in the building products industry. Quanex designs and produces energy-efficient fenestration products in addition to kitchen and bath cabinet components. For more


information contact Scott Zuehlke, Senior Vice President, Chief Financial Officer \& Treasurer, at 713-8775327 or scott.zuehlke@quanex.com.

## Non-GAAP Terminology Definitions and Disclaimers

Adjusted Net Income (Loss) (defined as net income further adjusted to exclude purchase price accounting inventory step-ups, transaction costs, certain severance charges, gain/loss on the sale of certain fixed assets, restructuring charges, asset impairment charges, other net adjustments related to foreign currency transaction gain/loss and effective tax rates reflecting impacts of adjustments on a with and without basis) and Adjusted EPS are non-GAAP financial measures that Quanex believes provide a consistent basis for comparison between periods and more accurately reflects operational performance, as they are not influenced by certain income or expense items not affecting ongoing operations. EBITDA (defined as net income or loss before interest, taxes, depreciation and amortization and other, net) and Adjusted EBITDA (defined as EBITDA further adjusted to exclude purchase price accounting inventory step-ups, transaction costs, certain severance charges, gain/loss on the sale of certain fixed assets, restructuring charges and asset impairment charges) are non-GAAP financial measures that the Company uses to measure operational performance and assist with financial decision-making. The leverage ratio of Net Debt to LTM Adjusted EBITDA is a financial measure that the Company believes is useful to investors and financial analysts in evaluating Quanex's leverage. In addition, with certain limited adjustments, this leverage ratio is the basis for a key covenant in the Company's credit agreement. Free Cash Flow is a non-GAAP measure calculated using cash provided by operating activities less capital expenditures. Free Cash Flow is measured before application of certain contractual commitments (including capital lease obligations), and accordingly is not a true measure of Quanex's residual cash flow available for discretionary expenditures. The Company believes that the presented non-GAAP measures provide a consistent basis for comparison between periods, and will assist investors in understanding Quanex's financial performance when comparing results to other investment opportunities. The presented non-GAAP measures may not be the same as those used by other companies. The Company does not intend for this information to be considered in isolation or as a substitute for other measures prepared in accordance with U.S. GAAP.

## Forward Looking Statements

Statements that use the words "estimated," "expect," "could," "should," "believe," "will," "might," or similar words reflecting future expectations or beliefs are forward-looking statements. The forwardlooking statements include, but are not limited to, the following: impacts from public health issues (including pandemics, such as the recent COVID-19 pandemic) on the economy and the demand for Quanex's products, the Company's future operating results, future financial condition, future uses of cash and other expenditures, expenses and tax rates, expectations relating to Quanex's industry, and the Company's future growth, including any guidance discussed in this press release. The statements and guidance set forth in this release are based on current expectations. Actual results or events may differ materially from this release. For a complete discussion of factors that may affect Quanex's future performance, please refer to the Company's Annual Report on Form 10-K for the fiscal year ended October 31, 2019, and the Company's Quarterly Reports on Form 10-Q under the sections entitled "Cautionary Note Regarding Forward-Looking Statements" and "Risk Factors". Any forward-looking statements in this press release are made as of the date hereof, and Quanex undertakes no obligation to update or revise any forward-looking statements to reflect new information or events.

## QUANEX BUILDING PRODUCTS CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF INCOME (LOSS)

(In thousands, except per share data)
(Unaudited)


## QUANEX BUILDING PRODUCTS CORPORATION CONDENSED CONSOLIDATED BALANCE SHEETS

(In thousands)
(Unaudited)


## QUANEX BUILDING PRODUCTS CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOW

(In thousands) (Unaudited)

|  | Six Months Ended April 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2020 |  | 2019 |  |
| Operating activities: |  |  |  |  |
| Net income (loss) | \$ | 5,511 | \$ | $(27,623)$ |
| Adjustments to reconcile net income (loss) to cash provided by operating activities: |  |  |  |  |
| Depreciation and amortization |  | 24,791 |  | 24,976 |
| Stock-based compensation |  | 86 |  | 1,043 |
| Deferred income tax |  | 1,194 |  | $(1,256)$ |
| Asset impairment charge |  | - |  | 29,978 |
| Other, net |  | 463 |  | 1,078 |
| Changes in assets and liabilities: |  |  |  |  |
| Decrease in accounts receivable |  | 14,682 |  | 3,479 |
| Increase in inventory |  | $(8,363)$ |  | $(15,522)$ |
| Increase in other current assets |  | (559) |  | (681) |
| Decrease in accounts payable |  | $(16,807)$ |  | $(2,617)$ |
| Decrease in accrued liabilities |  | $(13,673)$ |  | $(14,716)$ |
| (Decrease) increase in income taxes payable |  | $(4,052)$ |  | 183 |
| Increase in deferred pension and postretirement benefits |  | 562 |  | 1,567 |
| Decrease in other long-term liabilities |  | (787) |  | (131) |
| Other, net |  | (576) |  | 385 |
| Cash provided by operating activities |  | 2,472 |  | 143 |
| Investing activities: |  |  |  |  |
| Capital expenditures |  | $(16,313)$ |  | $(13,022)$ |
| Proceeds from disposition of capital assets |  | 33 |  | 298 |
| Cash used for investing activities |  | $(16,280)$ |  | $(12,724)$ |
| Financing activities: |  |  |  |  |
| Borrowings under credit facilities |  | 114,500 |  | 57,500 |
| Repayments of credit facility borrowings |  | $(41,000)$ |  | $(42,500)$ |
| Repayments of other long-term debt |  | (505) |  | (784) |
| Common stock dividends paid |  | $(5,287)$ |  | $(5,335)$ |
| Issuance of common stock |  | 2,954 |  | 27 |
| Payroll tax paid to settle shares forfeited upon vesting of stock |  | (454) |  | (322) |
| Purchase of treasury stock |  | $(6,693)$ |  | $(4,702)$ |
| Cash provided by financing activities |  | 63,515 |  | 3,884 |
| Effect of exchange rate changes on cash and cash equivalents |  | (323) |  | (44) |
| Increase (decrease) in cash and cash equivalents |  | 49,384 |  | $(8,741)$ |
| Cash and cash equivalents at beginning of period |  | 30,868 |  | 29,003 |
| Cash and cash equivalents at end of period | \$ | 80,252 | \$ | 20,262 |

## QUANEX BUILDING PRODUCTS CORPORATION <br> FREE CASH FLOW RECONCILIATION

(In thousands)
(Unaudited)

The following table reconciles the Company's calculation of Free Cash Flow, a non-GAAP measure, to its most directly comparable GAAP measure. The Company defines Free Cash Flow as cash provided by operating activities less capital expenditures.

|  | Three Months Ended April 30, |  | Six Months Ended April 30, |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2020 | 2019 | 2020 | 2019 |
| Cash provided by operating activities | \$6,129 | \$20,386 | \$2,472 | \$143 |
| Capital expenditures | $(7,001)$ | $(6,751)$ | $(16,313)$ | $(13,022)$ |
| Free Cash Flow | (\$872) | \$13,635 | (\$13,841) | (\$12,879) |

## QUANEX BUILDING PRODUCTS CORPORATION <br> NON-GAAP FINANCIAL MEASURE DISCLOSURE

(In thousands, except per share data)
(Unaudited)

Reconciliation of Adjusted Net Income and Adjusted EPS

Net income (loss) as reported
Adjusted net income and adjusted EPS

Reconciliation of Adjusted EBITDA
et income (loss) as reported
income tax expense
ther, net
Interest expense
Depreciation and amortization
BTIDA
Reconciling items from below
Adjusted EBITDA

Reconciling Items

Net sales
Cost of sales
selling, general and administrative
Restructuring charges
Asset impairment charges
EBTIDA
Depreciation and amortization
Operating income (loss)
terest expens
other, ne
Income (loss) before income taxes
Income tax expense
Net income (loss)
Diluted earnings (loss) per share

(1) Transaction and advisory fees, $\$ 0.8$ milion and $\$ 1.3$ milion related to executive severance charges in the three and six months ended 2020, respectively, and $\$ 1.2$ million of severance charges related to a reorganization in the six months ended 2019
(2) Restructuring charges relate to the closure of manufacturing plant facilities.
(3) Asset impaiment charges relate to goodwill impairment in the North American Cabinet Components segment
4) Accelerated depreciation related to the closure of a North American Cabinet Components plant.
(5) Foreign currency transaction (gains) losses
(6) Impact on a with and without basis.

# QUANEX BUILDING PRODUCTS CORPORATION SELECTED SEGMENT DATA <br> (In thousands) <br> (Unaudited) 

This table provides gross margin, operating income (loss), EBITDA, and Adjusted EBTDDA by reportable segment. Non-operating expense and income tax expense are not allocated to the reportable segments.

Three months ended April 30, 2020
Net sales
Cost of sales
Gross Margin
Gross Margin \%
Selling, general and administrative
Restructuring charges
Depreciation and amortization
Operating income (loss)
Depreciation and amortization EBITDA
Executive severance charges
Restructuring charges
Adjusted EBITDA
Adjusted EBITDA Margin \%
Three months ended April 30, 2019
Net sales
Cost of sales
Gross Margin
Gross Margin \%
Selling, general and administrative
Restructuring charges
Depreciation and amortization
Asset impairment charges
Operating income (loss)
Depreciation and amortization EBITDA
Asset impairment charges
Transaction and advisory fees
Restructuring charges
Adjusted EВITDA
Adjusted EBITDA Margin \%
Six months ended April 30, 2020
Net sales
Cost of sales
Gross Margin
Gross Margin \%
Selling, general and administrative
Restructuring charges
Depreciation and amortization
Operating income (loss)
Depreciation and amortization EВІТDA
Transaction and advisory fees
Executive severance charges
Restructuring charges
Adjusted EВГTDA
Adjusted EBITDA Margin \%
Six months ended April 30, 2019
Net sales
Cost of sales
Gross Margin
Gross Margin \%
Selling, general and administrative
Restructuring charges
Depreciation and amortization
Asset impairment charges
Operating income (loss)
Depreciation and amortization
EBITDA
Asset impairment charges
Transaction and advisory fees
Severance related to reorganization
Restructuring charges
Adjusted EBITDA
Adjusted EBITDA Margin \%

| NA Fenestration |  | EU Fenestration |  | NA Cabinet Components |  | Unallocated Corp \& Other |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 108,593 | \$ | 29,200 | \$ | 50,664 | \$ | (982) | \$ | 187,475 |
|  | 85,153 |  | 20,966 |  | 44,198 |  | (585) |  | 149,732 |
|  | 23,440 |  | 8,234 |  | 6,466 |  | (397) |  | 37,743 |
|  | 21.6\% |  | 28.2\% |  | 12.8\% |  |  |  | 20.1\% |
|  | 9,985 |  | 5,292 |  | 3,981 |  | $(2,545)$ |  | 16,713 |
|  | 66 |  | - |  | 185 |  | - |  | 251 |
|  | 5,961 |  | 2,330 |  | 3,474 |  | 121 |  | 11,886 |
|  | 7,428 |  | 612 |  | $(1,174)$ |  | 2,027 |  | 8,893 |
|  | 5,961 |  | 2,330 |  | 3,474 |  | 121 |  | 11,886 |
|  | 13,389 |  | 2,942 |  | 2,300 |  | 2,148 |  | 20,779 |
|  | - |  | - |  | - |  | 780 |  | 780 |
|  | 66 |  | - |  | 185 |  | - |  | 251 |
| \$ | 13,455 | \$ | 2,942 | \$ | 2,485 | \$ | 2,928 | \$ | 21,810 |
|  | 12.4\% |  | 10.1\% |  | 4.9\% |  |  |  | 11.6\% |
| \$ | 115,346 | \$ | 41,623 | \$ | 62,836 | \$ | $(1,602)$ | \$ | 218,203 |
|  | 90,031 |  | 28,906 |  | 53,699 |  | $(1,258)$ |  | 171,378 |
|  | 25,315 |  | 12,717 |  | 9,137 |  | (344) |  | 46,825 |
|  | 21.9\% |  | 30.6\% |  | 14.5\% |  |  |  | 21.5\% |
|  | 12,213 |  | 5,696 |  | 4,505 |  | 1,308 |  | 23,722 |
|  | 84 |  | - |  | - |  | - |  | 84 |
|  | 6,758 |  | 2,219 |  | 3,305 |  | 122 |  | 12,404 |
|  | - |  | - |  | 29,978 |  | - |  | 29,978 |
|  | 6,260 |  | 4,802 |  | $(28,651)$ |  | $(1,774)$ |  | (19,363) |
|  | 6,758 |  | 2,219 |  | 3,305 |  | 122 |  | 12,404 |
|  | 13,018 |  | 7,021 |  | $(25,346)$ |  | $(1,652)$ |  | $(6,959)$ |
|  | - |  | - |  | 29,978 |  | - |  | 29,978 |
|  | - |  | - |  | - |  | 249 |  | 249 |
|  | 84 |  | - |  | - |  | - |  | 84 |
| \$ | 13,102 | \$ | 7,021 | \$ | 4,632 | \$ | $(1,403)$ | \$ | 23,352 |
|  | 11.4\% |  | 16.9\% |  | 7.4\% |  |  |  | 10.7\% |
| \$ | 219,045 | \$ | 65,966 | \$ | 100,708 | \$ | $(1,647)$ | \$ | 384,072 |
|  | 173,850 |  | 46,210 |  | 88,040 |  | (941) |  | 307,159 |
|  | 45,195 |  | 19,756 |  | 12,668 |  | (706) |  | 76,913 |
|  | 20.6\% |  | 29.9\% |  | 12.6\% |  |  |  | 20.0\% |
|  | 23,040 |  | 11,242 |  | 8,834 |  | $(2,271)$ |  | 40,845 |
|  | 157 |  | - |  | 247 |  | - |  | 404 |
|  | 12,940 |  | 4,738 |  | 6,875 |  | 238 |  | 24,791 |
|  | 9,058 |  | 3,776 |  | $(3,288)$ |  | 1,327 |  | 10,873 |
|  | 12,940 |  | 4,738 |  | 6,875 |  | 238 |  | 24,791 |
|  | 21,998 |  | 8,514 |  | 3,587 |  | 1,565 |  | 35,664 |
|  | - |  | - |  | - |  | 55 |  | 55 |
|  | - |  | - |  | - |  | 1,343 |  | 1,343 |
|  | 157 |  | - |  | 247 |  | - |  | 404 |
| \$ | 22,155 | \$ | 8,514 | \$ | 3,834 | \$ | 2,963 | \$ | 37,466 |
|  | 10.1\% |  | 12.9\% |  | 3.8\% |  |  |  | 9.8\% |
| \$ | 224,395 | \$ | 76,877 | \$ | 116,688 | \$ | $(2,949)$ | \$ | 415,011 |
|  | 177,184 |  | 53,431 |  | 101,555 |  | $(2,235)$ |  | 329,935 |
|  | 47,211 |  | 23,446 |  | 15,133 |  | (714) |  | 85,076 |
|  | 21.0\% |  | 30.5\% |  | 13.0\% |  |  |  | 20.5\% |
|  | 25,290 |  | 11,406 |  | 9,430 |  | 5,622 |  | 51,748 |
|  | 187 |  | - |  | - |  | - |  | 187 |
|  | 13,630 |  | 4,456 |  | 6,644 |  | 246 |  | 24,976 |
|  | - |  | - |  | 29,978 |  | - |  | 29,978 |
|  | 8,104 |  | 7,584 |  | $(30,919)$ |  | $(6,582)$ |  | $(21,813)$ |
|  | 13,630 |  | 4,456 |  | 6,644 |  | 246 |  | 24,976 |
|  | 21,734 |  | 12,040 |  | $(24,275)$ |  | $(6,336)$ |  | 3,163 |
|  | - |  | - |  | 29,978 |  | - |  | 29,978 |
|  | - |  | - |  | - |  | 967 |  | 967 |
|  | - |  | - |  | - |  | 1,150 |  | 1,150 |
|  | 187 |  | - |  | - |  | - |  | 187 |
| \$ | 21,921 | \$ | 12,040 | \$ | 5,703 | \$ | $(4,219)$ | \$ | 35,445 |
| 9.8\% |  |  | 15.7\% |  | 4.9\% |  |  |  | 8.5\% |

# QUANEX BUILDING PRODUCTS CORPORATION SALES ANALYSIS 

(In thousands)
(Unaudited)

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | April 30, 2020 |  | April 30, 2019 |  | April 30, 2020 |  | April 30, 2019 |  |
| NA Fenestration: |  |  |  |  |  |  |  |  |
| United States - fenestration | \$ | 95,791 | \$ | 99,144 | \$ | 192,638 | \$ | 193,029 |
| International - fenestration |  | 6,153 |  | 8,096 |  | 12,587 |  | 16,302 |
| United States - non-fenestration |  | 4,372 |  | 4,803 |  | 8,935 |  | 8,308 |
| International - non-fenestration |  | 2,277 |  | 3,303 |  | 4,885 |  | 6,756 |
|  | \$ | 108,593 | \$ | 115,346 | \$ | 219,045 | \$ | 224,395 |
| EU Fenestration ${ }^{(1)}$ : |  |  |  |  |  |  |  |  |
| International - fenestration | \$ | 24,865 | \$ | 34,973 | \$ | 55,829 | \$ | 65,696 |
| International - non-fenestration |  | 4,335 |  | 6,650 |  | 10,137 |  | 11,181 |
|  | \$ | 29,200 | \$ | 41,623 | \$ | 65,966 | \$ | 76,877 |
| NA Cabinet Components: |  |  |  |  |  |  |  |  |
| United States - fenestration | \$ | 2,647 | \$ | 2,997 | \$ | 5,795 | \$ | 6,349 |
| United States - non-fenestration |  | 47,540 |  | 59,220 |  | 93,989 |  | 109,181 |
| International - non-fenestration |  | 477 |  | 619 |  | 924 |  | 1,158 |
|  | \$ | 50,664 | \$ | 62,836 | \$ | 100,708 | \$ | 116,688 |
| Unallocated Corporate \& Other: |  |  |  |  |  |  |  |  |
| Eliminations | \$ | (982) | \$ | $(1,602)$ | \$ | $(1,647)$ | \$ | $(2,949)$ |
|  | \$ | (982) | \$ | $(1,602)$ | \$ | $(1,647)$ | \$ | $(2,949)$ |
| Net Sales | \$ | $\underline{187,475}$ | \$ | 218,203 | \$ | 384,072 | \$ | 415,011 |

[^0]
[^0]:    (1) Reflects reduction of $\$ 1.5$ million and $\$ 1.2$ million in revenue associated with foreign currency exchange rate impacts for the three and six months ended April 30 , 2020, respectively.

