

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the quarterly period ended October 31, 2020

OR

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

For the transition period from _____ to _____

Commission File Number 001-09097

REX AMERICAN RESOURCES CORPORATION
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

31-1095548
(I.R.S. Employer
Identification Number)

7720 Paragon Road, Dayton, Ohio
(Address of principal executive offices)

45459
(Zip Code)

(937) 276-3931
(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, \$0.01 par value	REX	New York Stock Exchange

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

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted 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 such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See definition of "large accelerated filer", "accelerated filer", "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company
Emerging growth company

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

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

At the close of business on December 3, 2020 the registrant had 5,992,002 shares of Common Stock, par value \$.01 per share, outstanding.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
Consolidated Condensed Balance Sheets
Unaudited

(In Thousands)

	<u>October 31, 2020</u>	<u>January 31, 2020</u>
Assets:		
Current assets:		
Cash and cash equivalents	\$ 173,075	\$ 179,658
Short-term investments	29,216	26,073
Restricted cash	884	1,113
Accounts receivable	12,496	12,969
Inventory	21,616	35,634
Refundable income taxes	5,947	6,029
Prepaid expenses and other	9,771	9,659
Total current assets	<u>253,005</u>	<u>271,135</u>
Property and equipment, net	154,401	163,327
Operating lease right-of-use assets	14,054	16,173
Deferred taxes	22,297	17,061
Other assets	1,278	342
Equity method investment	30,126	32,464
Total assets	<u>\$ 475,161</u>	<u>\$ 500,502</u>
Liabilities and equity:		
Current liabilities:		
Accounts payable, trade (includes \$777 and \$686 with related parties at October 31, 2020 and January 31, 2020, respectively)	\$ 15,588	\$ 18,900
Current operating lease liabilities	5,105	4,935
Accrued expenses and other current liabilities (includes \$186 and \$474 with related parties at October 31, 2020 and January 31, 2020, respectively)	6,049	7,764
Total current liabilities	<u>26,742</u>	<u>31,599</u>
Long-term liabilities:		
Deferred taxes	4,138	4,334
Long-term operating lease liabilities	8,548	10,688
Other long-term liabilities	282	275
Total long-term liabilities	<u>12,968</u>	<u>15,297</u>
Equity:		
REX shareholders' equity:		
Common stock	299	299
Paid-in capital	149,077	148,789
Retained earnings	586,443	586,985
Treasury stock	(353,910)	(335,066)
Total REX shareholders' equity	<u>381,909</u>	<u>401,007</u>
Noncontrolling interests	53,542	52,599
Total equity	<u>435,451</u>	<u>453,606</u>
Total liabilities and equity	<u>\$ 475,161</u>	<u>\$ 500,502</u>

The accompanying notes are an integral part of these unaudited consolidated condensed financial statements.

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
Consolidated Condensed Statements of Operations
Unaudited

(In Thousands, Except Per Share Amounts)

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Net sales and revenue	\$ 124,251	\$ 86,671	\$ 246,828	\$ 297,114
Cost of sales (includes \$16,861 and \$58,536 with related parties for the quarters ended October 31, 2020 and 2019, respectively, and \$34,021 and \$148,743 with related parties for the nine months ended October 31, 2020 and 2019, respectively)	<u>106,572</u>	<u>88,429</u>	<u>239,810</u>	<u>291,222</u>
Gross profit (loss)	17,679	(1,758)	7,018	5,892
Selling, general and administrative expenses (includes \$(15) and \$(242) with related parties for the quarters ended October 31, 2020 and 2019, respectively, and \$(160) and \$(577) with related parties for the nine months ended October 31, 2020 and 2019, respectively)	(4,257)	(4,133)	(13,300)	(13,629)
Equity in income (loss) of unconsolidated affiliates	1,152	(15)	168	350
Interest and other income, (net)	<u>537</u>	<u>1,002</u>	<u>1,403</u>	<u>3,381</u>
Income (loss) before income taxes	15,111	(4,904)	(4,711)	(4,006)
(Provision) benefit for income taxes	<u>(4,052)</u>	<u>3,231</u>	<u>5,307</u>	<u>9,401</u>
Net income (loss)	11,059	(1,673)	596	5,395
Net income attributable to noncontrolling interests	<u>(2,218)</u>	<u>(379)</u>	<u>(1,138)</u>	<u>(2,370)</u>
Net income (loss) attributable to REX common shareholders	<u>\$ 8,841</u>	<u>\$ (2,052)</u>	<u>\$ (542)</u>	<u>\$ 3,025</u>
Weighted average shares outstanding – basic and diluted	<u>6,143</u>	<u>6,319</u>	<u>6,221</u>	<u>6,318</u>
Basic and diluted net income (loss) per share attributable to REX common shareholders	<u>\$ 1.44</u>	<u>\$ (0.32)</u>	<u>\$ (0.09)</u>	<u>\$ 0.48</u>

The accompanying notes are an integral part of these unaudited consolidated condensed financial statements.

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
Consolidated Condensed Statements of Equity
For the Three and Nine Months Ended October 31, 2020 and 2019
Unaudited

(In Thousands)

	REX Shareholders							Total Equity
	Common Shares Issued		Treasury		Paid-in Capital	Retained Earnings	Noncontrolling Interests	
	Shares	Amount	Shares	Amount				
Balance at July 31, 2020	29,853	\$ 299	23,655	\$ (340,591)	\$ 149,044	\$ 577,602	\$ 51,385	\$ 437,739
Net income						8,841	2,218	11,059
Treasury stock acquired			197	(13,328)				(13,328)
Noncontrolling interests distribution and other							(124)	(124)
Capital contributions							63	63
Stock based compensation expense	-	-	-	9	33	-	-	42
Balance at October 31, 2020	<u>29,853</u>	<u>\$ 299</u>	<u>23,852</u>	<u>\$ (353,910)</u>	<u>\$ 149,077</u>	<u>\$ 586,443</u>	<u>\$ 53,542</u>	<u>\$ 435,451</u>
Balance at January 31, 2020	29,853	\$ 299	23,561	\$ (335,066)	\$ 148,789	\$ 586,985	\$ 52,599	\$ 453,606
Net (loss) income						(542)	1,138	596
Treasury stock acquired			306	(18,918)				(18,918)
Noncontrolling interests distribution and other							(283)	(283)
Capital contributions							88	88
Issuance of equity awards and stock based compensation expense	-	-	(15)	74	288	-	-	362
Balance at October 31, 2020	<u>29,853</u>	<u>\$ 299</u>	<u>23,852</u>	<u>\$ (353,910)</u>	<u>\$ 149,077</u>	<u>\$ 586,443</u>	<u>\$ 53,542</u>	<u>\$ 435,451</u>

Continued on the following page

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
Consolidated Condensed Statements of Equity
Unaudited

(In Thousands)

Continued from the previous page

	REX Shareholders							Total Equity
	Common Shares Issued		Treasury		Paid-in Capital	Retained Earnings	Noncontrolling Interests	
	Shares	Amount	Shares	Amount				
Balance at July 31, 2019	29,853	\$ 299	23,561	\$ (335,080)	\$ 148,724	\$ 584,635	\$ 51,912	\$ 450,490
Net (loss) income						(2,052)	379	(1,673)
Capital contributions							73	73
Issuance of equity awards and stock based compensation expense	-	-	-	7	32	-	-	39
Balance at October 31, 2019	<u>29,853</u>	<u>\$ 299</u>	<u>23,561</u>	<u>\$ (335,073)</u>	<u>\$ 148,756</u>	<u>\$ 582,583</u>	<u>\$ 52,364</u>	<u>\$ 448,929</u>
Balance at January 31, 2019	29,853	\$ 299	23,580	\$ (335,193)	\$ 148,273	\$ 579,558	\$ 52,334	\$ 445,271
Net income						3,025	2,370	5,395
Noncontrolling interests distribution and other							(2,598)	(2,598)
Capital contributions							258	258
Issuance of equity awards and stock based compensation expense	-	-	(19)	120	483	-	-	603
Balance at October 31, 2019	<u>29,853</u>	<u>\$ 299</u>	<u>23,561</u>	<u>\$ (335,073)</u>	<u>\$ 148,756</u>	<u>\$ 582,583</u>	<u>\$ 52,364</u>	<u>\$ 448,929</u>

The accompanying notes are an integral part of these unaudited consolidated condensed financial statements.

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
Consolidated Condensed Statements of Cash Flows
Unaudited

(In Thousands)

	Nine Months Ended October 31,	
	2020	2019
Cash flows from operating activities:		
Net income including noncontrolling interests	\$ 596	\$ 5,395
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Depreciation	15,697	17,682
Amortization of operating lease right-of-use assets	3,982	4,648
Income from equity method investments	(168)	(350)
Dividends received from equity method investee	2,506	1,003
Interest income from investments	(200)	(25)
Deferred income tax	(5,431)	(9,828)
Stock based compensation expense	122	215
Gain on sale of property and equipment – net	(58)	-
Changes in assets and liabilities:		
Accounts receivable	473	(5,013)
Inventories	14,018	(12,561)
Refundable income taxes	82	473
Other assets	(517)	(583)
Accounts payable, trade	(4,302)	5,618
Other liabilities	(5,301)	(9,010)
Net cash provided by (used in) operating activities	<u>21,499</u>	<u>(2,336)</u>
Cash flows from investing activities:		
Capital expenditures	(6,610)	(2,643)
Purchase of short-term investments	(68,225)	-
Sale of short-term investments	65,282	15,000
Other	(474)	369
Net cash (used in) provided by investing activities	<u>(10,027)</u>	<u>12,726</u>
Cash flows from financing activities:		
Treasury stock acquired	(18,089)	-
Payments to noncontrolling interests holders	(283)	(2,598)
Capital contributions from minority investor	88	258
Net cash used in financing activities	<u>(18,284)</u>	<u>(2,340)</u>
Net (decrease) increase in cash, cash equivalents and restricted cash	(6,812)	8,050
Cash, cash equivalents and restricted cash, beginning of period	180,771	188,812
Cash, cash equivalents and restricted cash, end of period	<u>\$ 173,959</u>	<u>\$ 196,862</u>
Non cash investing activities – Accrued capital expenditures	<u>\$ 198</u>	<u>\$ 272</u>
Non cash financing activities – Stock awards accrued	<u>\$ -</u>	<u>\$ 99</u>
Non cash financing activities – Stock awards issued	<u>\$ 240</u>	<u>\$ 487</u>
Initial right-of-use assets and liabilities recorded upon adoption of ASC 842	<u>\$ -</u>	<u>\$ 20,918</u>
Right-of-use assets acquired and liabilities incurred upon lease execution	<u>\$ 1,863</u>	<u>\$ 432</u>
Reconciliation of total cash, cash equivalents and restricted cash:		
Cash and cash equivalents	\$ 173,075	\$ 196,339
Restricted cash	884	523
Total cash, cash equivalents and restricted cash	<u>\$ 173,959</u>	<u>\$ 196,862</u>

The accompanying notes are an integral part of these unaudited consolidated condensed financial statements.

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES
NOTES TO UNAUDITED CONSOLIDATED CONDENSED FINANCIAL STATEMENTS
October 31, 2020

Note 1. Consolidated Condensed Financial Statements

References to the Company – References to “REX” or the “Company” in the consolidated condensed financial statements and in these notes to the consolidated condensed financial statements refer to REX American Resources Corporation, a Delaware corporation, and its majority and wholly owned subsidiaries.

The consolidated condensed financial statements included in this report have been prepared by the Company, without audit, pursuant to the rules and regulations of the Securities and Exchange Commission and include, in the opinion of management, all adjustments necessary to state fairly the information set forth therein. Any such adjustments were of a normal recurring nature. Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been omitted pursuant to such rules and regulations, although the Company believes that the disclosures are adequate to make the information presented not misleading. Financial information as of January 31, 2020 included in these financial statements has been derived from the audited consolidated financial statements included in the Company’s Annual Report on Form 10-K for the year ended January 31, 2020 (fiscal year 2019). It is suggested that these unaudited consolidated condensed financial statements be read in conjunction with the consolidated financial statements and the notes thereto included in the Company’s Annual Report on Form 10-K for the year ended January 31, 2020. The results of operations for the interim periods are not necessarily indicative of the results to be expected for the year.

Basis of Consolidation – The consolidated condensed financial statements in this report include the operating results and financial position of the Company. All intercompany balances and transactions have been eliminated. The Company consolidates the results of its four majority owned subsidiaries. The Company includes the results of operations of One Earth Energy, LLC (“One Earth”) in its Consolidated Condensed Statements of Operations on a delayed basis of one month as One Earth has a fiscal year end of December 31.

Nature of Operations –The Company has two reportable segments: i) ethanol and by-products; and ii) refined coal. Within the ethanol and by-products segment, the Company has equity investments in three ethanol limited liability companies, two of which are majority ownership interests. Within the refined coal segment, the Company has a majority equity interest in one refined coal limited liability company.

Note 2. Accounting Policies

The interim consolidated condensed financial statements have been prepared in accordance with the accounting policies described in the notes to the consolidated financial statements included in the Company’s fiscal year 2019 Annual Report on Form 10-K. While management believes that the procedures followed in the preparation of interim financial information are reasonable, the accuracy of some estimated amounts is dependent upon facts that will exist or calculations that will be accomplished at fiscal year-end. Examples of such estimates include accrued liabilities, such as management bonuses, and the provision for income taxes. Any adjustments pursuant to such estimates during the quarter were of a normal recurring nature. Actual results could differ from those estimates.

Cash and Cash Equivalents

Cash and cash equivalents includes bank deposits as well as short-term, highly liquid investments with original maturities of three months or less.

Revenue Recognition

For ethanol and by-products segment sales, the Company recognizes sales of ethanol, distillers grains and non-food grade corn oil when obligations under the terms of the respective contracts with customers are satisfied; this occurs with the transfer of control of products, generally upon shipment from the ethanol plant or upon loading of the rail car used to transport the products. Net sales and revenue also includes net gains or losses from derivative financial instruments related to products sold.

For refined coal segment sales, the Company recognizes sales of refined coal when obligations under the term of the contract with its customer are satisfied; this occurs when title and control of the product transfers to its customer, generally upon the coal leaving the refined coal plant. Refined coal sales are recorded net of the cost of coal as the Company purchases the coal feedstock from the customer to which the processed refined coal is sold.

Cost of Sales

Cost of sales includes depreciation, costs of raw materials, inbound freight charges, purchasing and receiving costs, inspection costs, other distribution expenses, warehousing costs, plant management, certain compensations costs, general facility overhead charges and net gains or losses from derivative financial instruments related to commodities purchased.

Selling, General and Administrative (“SG&A”) Expenses

The Company includes non-production related costs such as professional fees, selling charges and certain payroll in SG&A expenses.

Financial Instruments

Certain of the forward grain purchase and ethanol, distillers grains and non-food grade corn oil sale contracts are accounted for under the “normal purchases and normal sales” scope exemption of Accounting Standards Codification (“ASC”) 815, “*Derivatives and Hedging*” (“ASC 815”) because these arrangements are for purchases of grain that will be delivered in quantities expected to be used by the Company and sales of ethanol, distillers grains and non-food grade corn oil quantities expected to be produced by the Company over a reasonable period of time in the normal course of business.

The Company uses derivative financial instruments (exchange-traded futures contracts and swaps) to manage a portion of the risk associated with changes in commodity prices, primarily related to ethanol, corn and distillers grains. The Company monitors and manages this exposure as part of its overall risk management policy. As such, the Company seeks to reduce the potentially adverse effects that the volatility of these markets may have on its operating results. The Company may take hedging positions in these commodities as one way to mitigate risk. While the Company attempts to link its hedging activities to purchase and sales activities, there are situations in which these hedging activities can themselves result in losses. The Company does not hold or issue derivative financial instruments for trading or speculative purposes. The changes in fair value of these derivative financial instruments are recognized in current period earnings as the Company does not use hedge accounting.

Income Taxes

The Company determined that small changes in estimated “ordinary” income would result in significant changes in the estimated annual effective tax rate. Thus, the Company used a discrete effective tax rate method to calculate the provision or benefit for income taxes for the three and nine months ended October 31, 2020 and 2019.

The Company provides for deferred tax liabilities and assets for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax basis and operating loss and tax credit carryforwards. The Company provides for a valuation allowance if, based on the weight of available evidence, it is more likely than not that some or all of the deferred tax assets will not be realized. The Company paid income taxes of approximately \$0.5 million and received refunds of income taxes of approximately \$0.7 million during the nine months ended October 31, 2020. The Company paid no income taxes nor received refunds of income taxes during the nine months ended October 31, 2019.

As of October 31, 2020, and January 31, 2020, total unrecognized tax benefits were approximately \$7,298,000 and \$7,353,000, respectively. Accrued penalties and interest were insignificant at October 31, 2020 and January 31, 2020. If the Company were to prevail on all unrecognized tax benefits recorded, the provision for income taxes would be reduced by approximately \$7.3 million at October 31, 2020. In addition, the impact of penalties and interest would also benefit the effective tax rate. Interest and penalties associated with unrecognized tax benefits are recorded within income tax expense. On a quarterly basis, the Company accrues for the effects of open uncertain tax positions and the related potential penalties and interest.

Inventories

Inventories are carried at the lower of cost or net realizable value on a first-in, first-out basis. Inventory includes direct production costs and certain overhead costs such as depreciation, property taxes and utilities associated with producing ethanol and related by-products. Inventory is written down for instances when cost exceeds estimated net realizable value; such write-downs are based primarily upon commodity prices as the market value of inventory is often dependent upon changes in commodity prices. There was no inventory write-down at October 31, 2020. The Company recorded approximately \$1.3 million of inventory write-downs in cost of sales at January 31, 2020. Fluctuations in the write-down of inventory generally relate to the levels and composition of such inventory and changes in commodity prices at a given point in time. The components of inventory are as follows as of the dates presented (amounts in thousands):

	<u>October 31,</u> <u>2020</u>	<u>January 31,</u> <u>2020</u>
Ethanol and other finished goods	\$ 7,013	\$ 10,864
Work in process	3,010	3,258
Grain and other raw materials	11,593	21,512
Total	<u>\$ 21,616</u>	<u>\$ 35,634</u>

Property and Equipment

Property and equipment is recorded at cost or the fair value on the date of acquisition (for property and equipment acquired in a business combination). Depreciation is computed using the straight-line method. Estimated useful lives are 5 to 40 years for buildings and improvements, and 2 to 20 years for fixtures and equipment.

In accordance with ASC 360-10 “*Impairment or Disposal of Long-Lived Assets*”, the carrying value of long-lived assets is assessed for recoverability by management when changes in circumstances indicate that the carrying amount may not be recoverable. The Company concluded that the impact of the COVID-19 pandemic and other factors are an indicator that impairment may exist related to certain of its long-lived assets. As a result, the Company performed an impairment analysis and determined that there was no impairment. Although it is not possible to reliably estimate the duration of the pandemic and its financial impact, a prolonged significant downturn in the economy could negatively impact the Company’s results of operations and significantly reduce its expectation for future sales, profits and cash flows. Such a reduction in expected future performance could result in the impairment of long-lived assets in subsequent periods. There were no impairment charges in the first nine months of fiscal years 2020 or 2019.

The Company tests for recoverability of an asset group by comparing its carrying amount to its estimated undiscounted future cash flows. If the carrying amount exceeds its estimated undiscounted future cash flows, the Company recognizes an impairment charge for the amount by which the asset group’s carrying amount exceeds its fair value, if any.

Investments

The method of accounting applied to long-term investments, whether consolidated, equity or cost, involves an evaluation of the significant terms of each investment that explicitly grant or suggest evidence of control or influence over the operations of the investee and also includes the identification of any variable interests in which the Company is the primary beneficiary. The Company accounts for investments in a limited liability company in which it has a less than 20% ownership interest using the equity method of accounting when the factors discussed in ASC 323, “*Investments-Equity Method and Joint Ventures*” are met. The excess of the carrying value over the underlying equity in the net assets of equity method investees is allocated to specific assets and liabilities. Investments in businesses that the Company does not control but for which it has the ability to exercise significant influence over operating and financial matters are accounted for using the equity method. The Company accounts for its investment in Big River Resources, LLC (“Big River”) using the equity method of accounting and includes the results on a delayed basis of one month as Big River has a fiscal year end of December 31.

The Company periodically evaluates its investments for impairment due to declines in market value considered to be other than temporary. Such impairment evaluations include general economic and company-specific evaluations. If the Company determines that a decline in market value is other than temporary, then a charge to earnings is recorded in the Consolidated Condensed Statements of Operations and a new cost basis in the investment is established.

Short-term investments are considered held to maturity, and, therefore are carried at amortized historical cost.

Comprehensive Income

The Company has no components of other comprehensive income, and therefore, comprehensive income equals net income.

Accounting Changes and Recently Issued Accounting Standards

In December 2019, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2019-12, “*Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes*”, which simplifies the accounting for income taxes by removing certain exceptions to the general principles in Topic 740. The Company will be required to adopt this update effective February 1, 2021. The Company has not determined the effect of this update on its consolidated financial statements.

Note 3. Net Sales and Revenue

The Company recognizes sales of products when obligations under the terms of the respective contracts with customers are satisfied. This occurs with the transfer of control of products, generally upon shipment from the ethanol plant or upon loading of the rail car used to transport the products. Revenue is measured as the amount of consideration expected to be received in exchange for transferring goods. Sales, value added and other taxes the Company collects concurrent with revenue producing activities are excluded from net sales and revenue.

The majority of the Company’s sales have payment terms ranging from 5 to 10 days after transfer of control. The Company has determined that sales contracts do not generally include a significant financing component. The Company has not historically, and does not intend to, enter into sales contracts in which payment is due from a customer prior to transferring product to the customer. Thus, the Company does not record unearned revenue.

See Note 14 for disaggregation of net sales and revenue by operating segment and by product.

Note 4. Leases

At October 31, 2020, the Company has lease agreements, as lessee, for railcars. All of the leases are accounted for as operating leases. The lease agreements do not contain a specified implicit interest rate; therefore, the Company's estimated incremental borrowing rate was used to determine the present value of future minimum lease payments. The exercise of any lease renewal is at the Company's sole discretion. The lease term for all of the Company's leases includes the noncancelable period of the lease and any periods covered by renewal options that the Company is reasonably certain to exercise. Certain leases include rent escalations pre-set in the agreements, which are factored into the lease payment stream. The components of lease expense, classified as SG&A expenses on the Consolidated Condensed Statement of Operations, are as follows:

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Operating lease expense	\$1,545	\$1,557	\$4,779	\$4,867
Variable lease expense	79	139	417	491
Total lease expense	<u>\$1,624</u>	<u>\$1,696</u>	<u>\$5,196</u>	<u>\$5,358</u>

The following table is a summary of future minimum rentals on such leases at October 31, 2020 (amounts in thousands):

Years Ended January 31,	Minimum Rentals
Remainder of 2021	\$ 1,516
2022	5,397
2023	3,690
2024	2,524
2025	1,648
Thereafter	49
Total	14,824
Less: present value discount	1,171
Operating lease liabilities	<u>\$ 13,653</u>

At October 31, 2020, the weighted average remaining lease term is 3.1 years and the weighted average discount rate is 5.27% for the above leases.

The following table is a summary of future minimum rentals on such leases at January 31, 2020 (amounts in thousands):

<u>Years Ended January 31,</u>	<u>Minimum Rentals</u>
2021	\$ 5,668
2022	4,958
2023	3,251
2024	2,085
2025	1,228
Thereafter	29
Total	<u>17,219</u>
Less: present value discount	1,596
Operating lease liabilities	<u>\$ 15,623</u>

At January 31, 2020, the weighted average remaining lease term was 3.5 years and the weighted average discount rate was 5.46% for the above leases.

Note 5. Fair Value

The Company applies ASC 820, “Fair Value Measurements and Disclosures” (“ASC 820”), which provides a framework for measuring fair value under accounting principles generally accepted in the United States of America. This accounting standard defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date.

The Company determines the fair market values of its financial instruments based on the fair value hierarchy established by ASC 820 which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair values which are provided below. The Company carries certain cash equivalents, investments and derivative instruments at fair value.

The fair values of derivative assets and liabilities traded in the over-the-counter market are determined using quantitative models that require the use of multiple market inputs including interest rates, prices and indices to generate pricing and volatility factors, which are used to value the position. The predominance of market inputs are actively quoted and can be validated through external sources, including brokers, market transactions and third-party pricing services. Estimation risk is greater for derivative asset and liability positions that are either option-based or have longer maturity dates where observable market inputs are less readily available or are unobservable, in which case interest rate, price or index scenarios are extrapolated in order to determine the fair value. The fair values of derivative assets and liabilities include adjustments for market liquidity, counterparty credit quality, the Company’s own credit standing and other specific factors, where appropriate.

To ensure the prudent application of estimates and management judgment in determining the fair value of derivative assets and liabilities, investments and property and equipment, various processes and controls have been adopted, which include: (i) model validation that requires a review and approval for pricing, financial statement fair value determination and risk quantification; and (ii) periodic review and substantiation of profit and loss reporting for all derivative instruments. Financial assets and liabilities measured at fair value on a recurring basis at October 31, 2020 are summarized below (amounts in thousands):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Fair Value</u>
Investment in cooperative (1)	\$ -	\$ -	\$ 354	\$ 354
Forward purchase contracts (2)	-	351	-	351
Total assets	<u>\$ -</u>	<u>\$ 351</u>	<u>\$ 354</u>	<u>\$ 705</u>
Commodity futures and swaps liability (3)	<u>\$ -</u>	<u>\$ 378</u>	<u>\$ -</u>	<u>\$ 378</u>

Financial assets and liabilities measured at fair value on a recurring basis at January 31, 2020 are summarized below (amounts in thousands):

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Fair Value</u>
Investment in cooperative (1)	\$ -	\$ -	\$ 341	\$ 341
Commodity futures and swaps (2)	-	352	-	352
Total assets	<u>\$ -</u>	<u>\$ 352</u>	<u>\$ 341</u>	<u>\$ 693</u>
Forward purchase contract liability (3)	<u>\$ -</u>	<u>\$ 230</u>	<u>\$ -</u>	<u>\$ 230</u>

(1) The investment in cooperative is included in “Other assets” on the accompanying Consolidated Condensed Balance Sheets.

(2) The forward purchase contract asset and the commodity futures and swaps asset are included in “Prepaid expenses and other current assets” on the accompanying Consolidated Condensed Balance Sheets.

(3) The forward purchase contract liability and the commodity futures and swaps liability are included in “Accrued expenses and other current liabilities” on the accompanying Consolidated Condensed Balance Sheets.

The Company determined the fair value of the investment in cooperative by using a discounted cash flow analysis on the expected cash flows. Inputs used in the analysis include the face value of the allocated equity amount, the projected term for repayment based upon a historical trend and a risk adjusted discount rate based on the expected compensation participants would demand because of the uncertainty of the future cash flows. The inherent risk and uncertainty associated with unobservable inputs could have a significant effect on the actual fair value of the investment.

There were no assets measured at fair value on a non-recurring basis at October 31, 2020 or January 31, 2020.

Note 6. Property and Equipment

The components of property and equipment are as follows for the periods presented (amounts in thousands):

	<u>October 31,</u> <u>2020</u>	<u>January 31,</u> <u>2020</u>
Land and improvements	\$ 26,244	\$ 21,957
Buildings and improvements	23,643	23,643
Machinery, equipment and fixtures	302,367	300,972
Construction in progress	746	193
	<u>353,000</u>	<u>346,765</u>
Less: accumulated depreciation	(198,599)	(183,438)
Total	<u>\$ 154,401</u>	<u>\$ 163,327</u>

Note 7. Accrued Expenses and Other Current Liabilities

The components of accrued expenses and other current liabilities are as follows for the periods presented (amounts in thousands):

	<u>October 31,</u> <u>2020</u>	<u>January 31,</u> <u>2020</u>
Accrued payroll and related items	\$ 555	\$ 1,152
Accrued utility charges	1,650	2,398
Accrued transportation related items	1,560	1,500
Accrued real estate taxes	1,348	1,755
Commodity futures	378	-
Forward purchase contracts	-	230
Accrued income taxes	43	68
Other	515	661
Total	<u>\$ 6,049</u>	<u>\$ 7,764</u>

Note 8. Derivative Financial Instruments

The Company is exposed to various market risks, including changes in commodity prices (raw materials and finished goods). To manage risks associated with the volatility of these natural business exposures, the Company enters into commodity agreements and forward purchase (corn and natural gas) and sale (ethanol, distillers grains and non-food grade corn oil) contracts. The Company does not purchase or sell derivative financial instruments for trading or speculative purposes. The Company does not purchase or sell derivative financial instruments for which a lack of marketplace quotations would require the use of fair value estimation techniques.

The following table provides information about the fair values of the Company's derivative financial instruments (that are not accounted for under the "normal purchases and normal sales" scope exemption of ASC 815) and the line items on the Consolidated Condensed Balance Sheets in which the fair values are reflected (in thousands):

	Asset Derivatives		Liability Derivatives	
	Fair Value		Fair Value	
	October 31, 2020	January 31, 2020	October 31, 2020	January 31, 2020
Commodity futures and swaps (1)	\$ -	\$ 352	\$ 378	\$ -
Forward purchase contracts (2)	351	-	-	230
Total	\$ 351	\$ 352	\$ 378	\$ 230

(1) Commodity futures and swaps assets are included in prepaid expenses and other current assets. These contracts are short/sell positions for approximately 3.7 million bushels of corn and long/buy positions for approximately 2.2 million bushels of corn at January 31, 2020. Commodity futures and swaps liabilities are included in accrued expenses and other current liabilities. These contracts are short/sell positions for approximately 4.6 million bushels of corn, long/buy positions for approximately 4.8 million bushels of corn and short/sell positions for approximately 4.2 million gallons of ethanol at October 31, 2020.

(2) Forward purchase contracts assets are included in prepaid expenses and other current assets. These contracts are for purchases of approximately 5.4 million bushels of corn at October 31, 2020. Forward purchase contracts liabilities are included in accrued expenses and other current liabilities. These contracts are for purchases of approximately 1.6 million bushels of corn at January 31, 2020.

As of October 31, 2020, and January 31, 2020, all the derivative financial instruments held by the Company were subject to enforceable master netting arrangements. The Company's accounting policy is to offset positions and amounts owed or owing with the same counterparty. As of October 31, 2020, and January 31, 2020, the gross positions of the enforceable master netting agreements are not significantly different from the net positions presented in the table above. Depending on the amount of an unrealized loss on a derivative contract held by the Company, the counterparty may require collateral to secure the Company's derivative contract position. The Company was required to maintain collateral in the amount of approximately \$884,000 and approximately \$1,113,000 to secure the Company's derivative position at October 31, 2020 and January 31, 2020, respectively.

See Note 5 which contains fair value information related to derivative financial instruments.

(Losses) gains on derivative financial instruments of approximately \$(26,000) and approximately \$248,000 for the third quarters of fiscal years 2020 and 2019, respectively, were included in cost of sales on the Consolidated Condensed Statements of Operations. (Losses) gains on derivative financial instruments of approximately \$(1,785,000) and approximately \$1,478,000 for the first nine months of fiscal years 2020 and 2019, respectively, were included in cost of sales on the Consolidated Condensed Statements of Operations.

Losses on derivative financial instruments of approximately \$777,000 and \$1,076,000 for the third quarter and first nine months, respectively, of fiscal year 2020 were included in net sales and revenue on the Consolidated Condensed Statements of Operations.

Note 9. Investments

The following table summarizes the Company's equity method investment at October 31, 2020 and January 31, 2020 (dollars in thousands):

<u>Entity</u>	<u>Ownership Percentage</u>	<u>Carrying Amount</u>	
		<u>October 31, 2020</u>	<u>January 31, 2020</u>
Big River	10.3%	\$30,126	\$32,464

Undistributed earnings of the Company's equity method investee totaled approximately \$10.1 million and approximately \$12.4 million at October 31, 2020 and January 31, 2020, respectively. The Company received dividends from its equity method investee of approximately \$2.5 million and approximately \$1.0 million during the first nine months of fiscal years 2020 and 2019, respectively.

Summarized financial information for the Company's equity method investee is presented in the following table for the periods presented (amounts in thousands):

	<u>Three Months Ended</u>		<u>Nine Months Ended</u>	
	<u>October 31,</u>	<u>October 31,</u>	<u>October 31,</u>	<u>October 31,</u>
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Net sales and revenue	\$209,397	\$220,387	\$537,155	\$598,187
Gross profit	\$ 15,419	\$ 10,269	\$ 13,041	\$ 18,864
Income (loss) from continuing operations	\$ 11,167	\$ (149)	\$ 1,627	\$ 3,397
Net income (loss)	\$ 11,167	\$ (149)	\$ 1,627	\$ 3,397

At October 31, 2020, the Company owned certificates of deposit that had an amortized cost, or carrying value, of approximately \$29,216,000. The contractual maturity of these investments was less than one year. The yield to maturity rate was approximately 0.2%. Unrealized gains or losses were insignificant.

At January 31, 2020, the Company owned certificates of deposit that had an amortized cost, or carrying value, of approximately \$26,073,000. The contractual maturity of these investments was less than one year. The yield to maturity rate was approximately 1.8%. Unrealized gains or losses were insignificant.

Note 10. Employee Benefits

The Company maintains the REX 2015 Incentive Plan, approved by its shareholders, which reserves a total of 550,000 shares of common stock for issuance pursuant to its terms. The plan provides for the granting of shares of stock, including options to purchase shares of common stock, stock appreciation rights tied to the value of common stock, restricted stock, and restricted stock unit awards to eligible employees, non-employee directors and consultants. Since plan inception, the Company has only granted restricted stock awards. The Company measures share-based compensation grants at fair value on the grant date, with no

adjustments for estimated forfeitures. The Company records noncash compensation expense related to liability and equity awards in its consolidated financial statements over the requisite service period on a straight-line basis. At October 31, 2020, 473,830 shares remain available for issuance under the Plan. As a component of their compensation, restricted stock has been granted to directors at the closing market price of REX common stock on the grant date. In addition, one third of executives' incentive compensation is payable by an award of restricted stock based on the then closing market price of REX common stock on the grant date. The Company's board of directors has determined that the grant date will be June 15th, or the next business day if June 15th is not a business day, for all grants of restricted stock.

At October 31, 2020 and January 31, 2020, unrecognized compensation cost related to nonvested restricted stock was approximately \$272,000 and \$220,000, respectively. The following tables summarize non-vested restricted stock award activity for the periods presented:

Nine Months Ended October 31, 2020

	Non-Vested Shares	Weighted Average Grant Date Fair Value (000's)	Weighted Average Remaining Vesting Term (in years)
Non-Vested at January 31, 2020	28,576	\$ 2,193	2
Granted	6,158	416	
Forfeited	-	-	
Vested	<u>15,029</u>	<u>1,211</u>	
Non-Vested at October 31, 2020	<u>19,705</u>	<u>\$ 1,398</u>	<u>2</u>

Nine Months Ended October 31, 2019

	Non- Vested Shares	Weighted Average Grant Date Fair Value (000's)	Weighted Average Remaining Vesting Term (in years)
Non-Vested at January 31, 2019	38,036	\$ 2,935	2
Granted	9,442	662	
Forfeited	-	-	
Vested	<u>18,902</u>	<u>1,404</u>	
Non-Vested at October 31, 2019	<u>28,576</u>	<u>\$ 2,193</u>	<u>2</u>

The above tables include 14,777 and 24,219 non-vested shares at October 31, 2020 and 2019, respectively, which are included in the number of weighted average shares outstanding used to determine basic and diluted earnings per share attributable to REX common shareholders. Such shares are treated, for accounting purposes, as being fully vested at the grant date as they were granted to recipients who were retirement eligible at the time of grant.

Note 11. Income Taxes

The Company determined that small changes in estimated “ordinary” income would result in significant changes in the estimated annual effective tax rate. Thus, the Company used a discrete effective tax rate method to calculate the provision or benefit for income taxes for the three and nine months ended October 31, 2020 and 2019.

The Company’s income tax provision was approximately 26.8% and was a benefit of approximately 65.9% for the three months ended October 31, 2020 and 2019, respectively. The Company’s income tax benefit was approximately 112.7% and approximately 234.7% for the nine months ended October 31, 2020 and 2019, respectively. The fluctuation in the rate results primarily from the production tax credits the Company expects to receive associated with its refined coal segment relative to consolidated pre-tax income or loss. Through its refined coal operation, the Company earns production tax credits pursuant to IRC Section 45. The credits can be used to reduce future income tax liabilities for up to 20 years. The Company’s income tax provision for the third quarter of fiscal year 2020 includes approximately \$1.8 million related to reversing previously recognized tax benefits associated with the lengthening of a net operating loss carryback allowed by the CARES Act as the Company no longer has a year to date estimated taxable loss.

The Company files a U.S. federal income tax return and various state income tax returns. In general, the Company is no longer subject to U.S. federal, state or local income tax examinations by tax authorities for years ended January 31, 2014 and prior. A reconciliation of the beginning and ending amount of unrecognized tax benefits, including interest and penalties, is as follows (amounts in thousands):

	Nine Months Ended	
	October 31,	
	2020	2019
Unrecognized tax benefits, beginning of period	\$ 7,370	\$ 9,232
Changes for prior years’ tax positions	(57)	(77)
Changes for current year tax positions	-	-
Unrecognized tax benefits, end of period	<u>\$ 7,313</u>	<u>\$ 9,155</u>

Note 12. Commitments and Contingencies

The Company is involved in various legal actions arising in the normal course of business. After taking into consideration legal counsels’ evaluations of such actions, management is of the opinion that their outcome will not have a material adverse effect on the Company’s Consolidated Condensed Financial Statements.

As of October 31, 2020, One Earth and NuGen have combined forward purchase contracts for approximately 6.2 million bushels of corn, the principal raw material for their ethanol plants, and they have combined forward purchase contracts for approximately 1,391,000 MmBtu (Million British Thermal Units) of natural gas.

As of October 31, 2020, One Earth and NuGen have combined sales commitments for approximately 37.6 million gallons of ethanol, approximately 109,000 tons of distillers grains and approximately 32.6 million pounds of non-food grade corn oil.

As of October 31, 2020, the refined coal entity has various agreements (site license, operating agreements, etc.) containing payment terms based upon production of refined coal under which the Company is required to pay various fees. These fees totaled approximately \$0.5 million and approximately \$0.9 million in the third quarter of fiscal years 2020 and 2019, respectively. Such fees totaled approximately \$1.9 million and approximately \$3.6 million for the nine months ended October 31, 2020 and 2019, respectively.

Note 13. Related-Party Transactions

During the third quarters of fiscal years 2020 and 2019, the Company purchased approximately \$16.9 million and approximately \$58.5 million, respectively, of corn and other supplies from minority equity investors and board members of One Earth and NuGen. Such purchases totaled approximately \$34.0 million and approximately \$148.7 million for the nine months ended October 31, 2020 and 2019, respectively. The Company had amounts payable to related parties of approximately \$0.8 million and approximately \$0.7 million at October 31, 2020 and January 31, 2020, respectively.

During the third quarters of fiscal years 2020 and 2019, the Company reduced commission expense by approximately \$15,000 and approximately \$242,000, respectively, payable to the minority investor in the refined coal entity. During the first nine months of fiscal years 2020 and 2019, the Company reduced commission expense by approximately \$160,000 and approximately \$577,000, respectively. The commission expense is associated with the refined coal acquisition. The Company had accrued liabilities related to the commission expense of approximately \$0.2 million and approximately \$0.5 million at October 31, 2020 and January 31, 2020, respectively.

Note 14. Segment Reporting

The Company has two reportable segments: i) ethanol and by-products; and ii) refined coal. The Company evaluates the performance of each reportable segment based on segment profit. The following tables summarize segment and other results and assets (amounts in thousands):

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Net sales and revenue:				
Ethanol and by-products	\$ 124,217	\$ 86,603	\$ 246,694	\$ 296,826
Refined coal ¹	34	68	134	288
Total net sales and revenue	<u>\$ 124,251</u>	<u>\$ 86,671</u>	<u>\$ 246,828</u>	<u>\$ 297,114</u>

¹ The Company records sales in the refined coal segment net of the cost of coal as the Company purchases the coal feedstock from the customer to which refined coal is sold.

Segment gross profit (loss):				
Ethanol and by-products	\$ 18,929	\$ 28	\$ 11,259	\$ 12,312
Refined coal	(1,250)	(1,786)	(4,241)	(6,420)
Total gross profit (loss)	<u>\$ 17,679</u>	<u>\$ (1,758)</u>	<u>\$ 7,018</u>	<u>\$ 5,892</u>

Income (loss) before income taxes:				
Ethanol and by-products	\$ 17,007	\$ (2,822)	\$ 1,397	\$ 3,491
Refined coal	(1,270)	(1,648)	(4,235)	(6,351)
Corporate and other	(626)	(434)	(1,873)	(1,146)
Total income (loss) before income taxes	<u>\$ 15,111</u>	<u>\$ (4,904)</u>	<u>\$ (4,711)</u>	<u>\$ (4,006)</u>

(Provision) benefit for income taxes:				
Ethanol and by-products	\$ (5,071)	\$ 945	\$ (17)	\$ (160)
Refined coal	985	2,181	4,863	9,282
Corporate and other	34	105	461	279
Total (provision) benefit for income taxes	<u>\$ (4,052)</u>	<u>\$ 3,231</u>	<u>\$ 5,307</u>	<u>\$ 9,401</u>

Segment profit (loss) (net of noncontrolling interests):				
Ethanol and by-products	\$ 9,660	\$ (2,330)	\$ 49	\$ 684
Refined coal	(227)	607	821	3,209
Corporate and other	(592)	(329)	(1,412)	(868)
Net income (loss) attributable to REX common shareholders	<u>\$ 8,841</u>	<u>\$ (2,052)</u>	<u>\$ (542)</u>	<u>\$ 3,025</u>

	October 31, 2020	January 31, 2020
Assets:		
Ethanol and by-products	\$ 400,180	\$ 408,746
Refined coal	3,605	6,101
Corporate and other	71,376	85,655
Total assets	<u>\$ 475,161</u>	<u>\$ 500,502</u>

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Sales of products, ethanol and by-products segment:				
Ethanol	\$ 98,850	\$ 66,149	\$ 191,971	\$ 226,986
Dried distillers grains	20,916	16,627	45,314	51,188
Non-food grade corn oil	4,661	3,099	9,162	12,681
Modified distillers grains	562	702	1,228	5,846
Derivative financial instruments losses	(777)	-	(1,075)	-
Other	5	26	94	125
Total	\$ 124,217	\$ 86,603	\$ 246,694	\$ 296,826
Sales of products, refined coal segment:				
Refined coal	\$ 34	\$ 68	\$ 134	\$ 288

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Ethanol and By-Products

At October 31, 2020, investments in our ethanol business include equity investments in three ethanol limited liability companies, in two of which we have a majority ownership interest. The following table is a summary of ethanol gallons shipped at our plants:

Entity	Trailing 12 Months Ethanol Gallons Shipped	REX's Current Effective Ownership Interest	Current Effective Ownership of Trailing 12 Months Ethanol Gallons Shipped
One Earth Energy, LLC	119.5 M	75.3%	90.0 M
NuGen Energy, LLC	95.9 M	99.5%	95.4 M
Big River Resources, LLC:			
Big River Resources W Burlington, LLC	103.1 M	10.3%	10.6 M
Big River Resources Galva, LLC	113.7 M	10.3%	11.7 M
Big River United Energy, LLC	117.9 M	5.7%	6.7 M
Big River Resources Boyceville, LLC	55.2 M	10.3%	5.7 M
Total	605.3 M		220.1 M

Our ethanol operations and the results thereof are highly dependent on commodity prices, especially prices for corn, ethanol, distillers grains, non-food grade corn oil and natural gas, and availability of corn. As a result of price volatility for these commodities, our operating results can fluctuate substantially. The price and availability of corn is subject to significant fluctuations due to several factors that affect commodity prices in general, including crop conditions, global health pandemics, the amount of corn stored on farms, weather, federal policy and foreign trade. Because the market prices of ethanol and distillers grains are not always directly related to corn prices (for example, demand for crude and other

energy and related prices, the export market demand for ethanol and distillers grains and the results of federal policy decisions and trade negotiations, can impact ethanol and distillers grains prices), at times ethanol and distillers grains prices may not follow movements in corn prices and, in an environment of higher corn prices or lower ethanol or distillers grains prices, reduce the overall margin structure at the plants. As a result, at times, we may operate our plants at negative or minimally positive operating margins.

We expect our ethanol plants to produce approximately 2.8 gallons of denatured ethanol for each bushel of grain processed in the production cycle. We refer to the actual gallons of denatured ethanol produced per bushel of grain processed as the realized yield. We refer to the difference between the price per gallon of ethanol and the price per bushel of grain (divided by the realized yield) as the “crush spread”. Should the crush spread decline, it is possible that our ethanol plants will generate operating results that do not provide adequate cash flows for sustained periods of time. In such cases, production at the ethanol plants may be reduced or stopped altogether in order to minimize variable costs at individual plants.

We attempt to manage the risk related to the volatility of commodity prices by utilizing forward grain purchase, forward ethanol, distillers grains and corn oil sale contracts and commodity futures and swap agreements, as management deems appropriate. We attempt to match quantities of these sale contracts with an appropriate quantity of grain purchase contracts over a given period of time when we can obtain an adequate gross margin resulting from the crush spread inherent in the contracts we have executed. However, the market for future ethanol sales contracts generally lags the spot market with respect to ethanol price. Consequently, we generally execute fixed price contracts for no more than four months into the future at any given time and we may lock in our corn or ethanol price without having a corresponding locked in ethanol or corn price for short durations of time. As a result of the relatively short period of time our fixed price contracts cover, we generally cannot predict the future movements in our realized crush spread for more than four months; thus, we are unable to predict the likelihood or amounts of future income or loss from the operations of our ethanol facilities. We utilize derivative financial instruments, primarily exchange traded commodity future and swap contracts, in conjunction with certain of our grain procurement activities.

Refined Coal

On August 10, 2017, we purchased the entire ownership interest of an entity that owns a refined coal facility, through a 95.35% owned subsidiary, for approximately \$12.0 million. We began operating the refined coal facility immediately after the acquisition. We expect that the revenues from the sale of refined coal produced in the facility will be subsidized by federal production tax credits through November 2021, subject to meeting qualified emissions reductions as governed by Section 45 of the Internal Revenue Code. In order to maintain compliance with Section 45 of the Internal Revenue Code, we are required to test the effectiveness of our process with respect to emissions reductions every six months through an independent laboratory. Annually, the IRS publishes the amount of federal income tax credit earned per ton of refined coal produced and sold. We expect to earn credits at the rate of approximately \$7.30 per ton of refined coal produced and sold during calendar year 2020. The tax credits can be earned for refined coal produced and sold by our facility through November 2021.

The refined coal facility is located at the site of a utility-owned electrical generating power station, which is our refined coal operation’s sole customer. Refined coal production and sales vary depending on fluctuations in demand from the site host utility, which generally changes based upon weather conditions in

the geographic markets the utility serves and competing energy prices and supplies and the state of the economy. We have contracted with an experienced third party to operate and maintain the refined coal facility and to provide us with management reporting and operating data as required. We do not have any employees on site at the refined coal facility.

Future Energy

During fiscal year 2013, we entered into a joint venture with Hytken HPGP, LLC (“Hytken”) to file and defend patents for eSteam technology relating to heavy oil and oil sands production methods, and to commercially exploit the technology to generate license fees, royalty income and development opportunities. The patented technology is an enhanced method of heavy oil recovery involving zero emissions downhole steam generation. We own 60% and Hytken owns 40% of the entity named Future Energy, LLC (“Future Energy”).

We have agreed to fund direct patent expenses relating to patent applications and defense, annual annuity fees and maintenance on a country by country basis, with the right to terminate funding and transfer related patent rights to Hytken. We have funded all costs relating to new intellectual property, consultants, research and development, pilot field tests and equipment purchases with respect to the proposed commercialization stage of the technology. To date, we have paid and expensed approximately \$2.5 million cumulatively primarily for patents, purchases of certain equipment and other expenses. We have not yet tested or proven the commercial feasibility of the technology.

Critical Accounting Policies and Estimates

During the three months ended October 31, 2020, we did not change any of our critical accounting policies as disclosed in our 2019 Annual Report on Form 10-K as filed with the Securities and Exchange Commission on April 1, 2020.

Fiscal Year

All references in this report to a particular fiscal year are to REX’s fiscal year ended January 31. For example, “fiscal year 2020” means the period February 1, 2020 to January 31, 2021.

Results of Operations

Trends and Uncertainties

During fiscal years 2020 and 2019, operating results in our ethanol and by-products segment have been, at times adversely affected by a weak margin environment highlighted by higher costs for corn, lower availability of local corn, lower oil prices resulting from an oversupply of oil, the EPA granting small refiner waivers, and in the first quarter of fiscal year 2020, the outbreak of a new strain of the coronavirus “COVID-19”.

Weather conditions delayed, and in some cases prevented the planting of corn in much of the United States during 2019. Weather also contributed to intermittent logistical delays during fiscal year 2019. Throughout most of fiscal year 2019 and the first six months of fiscal year 2020, we struggled to

obtain adequate supplies of corn at our NuGen facility, on a consistent basis, at acceptable price levels. Consequently, we were not able to profitably operate our NuGen ethanol plant at production levels near our historical averages.

During the early months of 2020, COVID-19 spread into the United States and other countries. In an effort to contain the spread of this virus, there have been various government mandated restrictions, in addition to voluntary privately implemented restrictions, including limiting public gatherings, retail store closures, restrictions on employees working, travel restrictions and the quarantining of people who may have been exposed to the virus. This led to reduced demand for gasoline and ethanol, and consequently, historically low ethanol pricing. As a result, we idled our NuGen and One Earth ethanol plants in late March of 2020. In May of 2020, businesses and other activities slowly began to reopen, which led to an increase in demand for gasoline and ethanol, and in related prices. As a result, we resumed production operations at the One Earth ethanol plant in late May of 2020 and at NuGen in late June of 2020. In addition, actions by the Federal Reserve, related to the COVID-19 outbreak, have reduced interest rates. Given the amount of cash and short-term investments we have, this will significantly reduce our interest income in future periods, depending on the length of time interest rates remain at these levels. The impacts of the COVID-19 outbreak on our business operations, including the duration and impact on ethanol demand, cannot be reasonably estimated at this time, although a future prolonged production stoppage at our plants would have a further material adverse impact on our results of operations, financial condition and cash flows in fiscal year 2020.

Congress passed the CARES Act in March 2020, which provided the United States department of Agriculture (“USDA”) with additional funding for the “Commodity Credit Corporation (“CCC”). The USDA is using this additional funding to provide direct payments to farmers, including corn farmers that we purchase corn from. Such direct payments to farmers could cause them to delay marketing decisions. Consequently, this could reduce the supply of corn and result in a price increase for what we pay for corn. In addition, China has been purchasing large quantities of corn, which could lead to sustained higher prices for corn.

Renewable Fuel Standard II (“RFS II”), established in October 2010, has been an important factor in the growth of ethanol usage in the United States. When it was originally established, RFS II required the volume of “conventional” or corn derived ethanol to be blended with gasoline to increase each year until it reached 15.0 billion gallons in 2015 and was to remain at that level through 2022. There are no established congressional target volumes beginning in 2023. The EPA has the authority to waive the biofuel mandate, in whole or in part, if there is inadequate domestic renewable fuel supply or the requirement severely harms the domestic economy or environment. On December 19, 2019, the EPA announced the final 2020 renewable volume obligation for conventional ethanol, which met the 15.0 billion gallons congressional target. The EPA has missed its deadline and has not yet released a draft renewable volume obligation rule for the 2021 volumes. On April 15, 2020, five Governors sent a letter to the EPA requesting a general waiver from RFS II due to the drop in demand caused by COVID-19 travel restrictions. On October 21, 2020, 15 Senators sent a letter to the EPA requesting a general waiver from RFS II to reduce the 2021 renewable volume obligation, citing the reduced demand for fuels due to COVID-19. It is unclear when the renewable volume obligation for 2021 will be released.

Under the Renewable Fuel Standard “RFS”, the EPA assigns individual refiners, blenders and importers the volume of renewable fuels they are obligated to use based on their percentage of total domestic transportation fuel sales. The EPA can waive the obligation for individual small refineries that are experiencing “disproportionate economic hardship” due to compliance with the RFS. Until recent years, the EPA approved relatively few such waivers. The EPA approved 31 small refiner waivers related to their 2018 Renewable Fuel Standard compliance obligations, which was estimated to effectively reduce the obligation for ethanol in 2018 by 1.4 billion gallons. The EPA previously granted waivers for 2016 and 2017 totaling approximately 2.6 billion gallons. These actions affect current year demand as obligated parties such as refiners can use the waivers granted by the EPA to help them meet their obligations in different years. There continues to be uncertainty regarding how the EPA will administer the small refiner waivers. We believe the waivers have resulted in reduced domestic ethanol demand.

Throughout fiscal year 2019 and during the first nine months of fiscal year 2020, operating results in our refined coal segment have been adversely affected by lower utility plant demand from our only customer. Projections, provided by the utility plant, for the next twelve months indicate this trend may continue and may be further impacted by the COVID-19 pandemic. While this leads to lower pre-tax losses from this segment, it also leads to lower tax benefits from Section 45 credits being recognized. Ultimately, this results in lower amounts of segment profit.

Should these trends and uncertainties continue, our future operating results are likely to be negatively impacted.

For a detailed analysis of period to period changes, see the segment discussion that follows this section as that discussion reflects how management views and monitors our business.

Comparison of Three and Nine Months Ended October 31, 2020 and 2019

Net sales and revenue in the quarter ended October 31, 2020 were approximately \$124.3 million compared to approximately \$86.7 million in the prior year’s third quarter, representing an increase of approximately \$37.6 million, which was primarily caused by higher sales in our ethanol and by-products segment. A poor 2019 harvest caused by weather conditions in that area, prevented us from profitably operating our NuGen ethanol plant at or near historical production levels during the third quarter of fiscal year 2019. Net sales and revenue in the first nine months of fiscal year 2020 were approximately \$246.8 million compared to approximately \$297.1 million in the first nine months of fiscal year 2019, representing a decrease of approximately \$50.3 million, which was primarily caused by lower sales in our ethanol and by-products segment of approximately \$50.1 million during fiscal year 2020. The decline in ethanol and by-products segment net sales and revenue reflects significantly lower production volumes during the first half of fiscal year 2020. This relates primarily to diminished local availability of corn, the effects of the COVID-19 outbreak on ethanol demand and lower ethanol pricing which resulted in the idling of the NuGen and One Earth ethanol plants in March of 2020. We resumed production operations at One Earth in late May of 2020 and at NuGen in late June of 2020.

Gross profit for the third quarter of fiscal year 2020 was approximately \$17.7 million, compared to gross loss of approximately \$1.8 million for the third quarter of fiscal year 2019. Gross profit for the third quarter of fiscal year 2020 increased by approximately \$19.4 million compared to the prior year third

quarter as a result of operations in the ethanol and by-products segment. Gross loss in the refined coal segment was \$1.3 million in the third quarter of fiscal year 2020 compared to a \$1.8 million gross loss in the third quarter of fiscal year 2019. Gross profit for the first nine months of fiscal year 2020 was approximately \$7.0 million compared to approximately \$5.9 million for the first nine months of fiscal year 2019. Gross profit for the first nine months of fiscal year 2020 decreased by approximately \$1.1 million compared to the first nine months of fiscal year 2019 as a result of operations in the ethanol and by-products segment and increased by approximately \$2.2 million as a result of operations in the refined coal segment.

SG&A expenses were approximately \$4.3 million for the third quarter of fiscal year 2020, consistent with approximately \$4.1 million of expenses for the third quarter of fiscal year 2019. SG&A expenses were approximately \$13.3 million for the first nine months of fiscal year 2020, consistent with approximately \$13.6 million for the first nine months of fiscal year 2019.

During the third quarter of fiscal year 2020, we recognized income of approximately \$1,152,000 compared to a loss of approximately \$15,000 for the third quarter of fiscal year 2019, from our equity investment in Big River, which is included in our ethanol and by-products segment results. We recognized income of approximately \$168,000 for the first nine months of fiscal year 2020 compared to approximately \$350,000 for the first nine months of fiscal year 2019. Big River has interests in four ethanol production plants that shipped approximately 390 million gallons in the trailing twelve months ended October 31, 2020 and has an effective ownership of ethanol gallons shipped for the same period of approximately 337 million gallons. Big River's operations also include agricultural elevators. Due to the inherent volatility of commodity prices within the ethanol industry, we cannot predict the likelihood of future operating results from Big River being similar to historical results.

Interest and other income was approximately \$0.5 million for the third quarter of fiscal year 2020 compared to approximately \$1.0 million for the third quarter of fiscal year 2019. Interest and other income was approximately \$1.4 million for the first nine months of fiscal year 2020 compared to approximately \$3.4 million for the first nine months of fiscal year 2019. Interest income has decreased as yields on our excess cash decreased compared to fiscal year 2019 and our excess cash investment balances decreased compared to fiscal year 2019.

As a result of the foregoing, income before income taxes was approximately \$15.1 million for the third quarter of fiscal year 2020 compared to a loss of approximately \$4.9 million for the third quarter of fiscal year 2019. Loss before income taxes was approximately \$4.7 million for the first nine months of fiscal year 2020 compared to a loss of approximately \$4.0 million for the first nine months of fiscal year 2019.

We determined that small changes in estimated "ordinary" income would result in significant changes in the estimated annual effective tax rate. Thus, the Company used a discrete effective tax rate method to calculate the provision or benefit for income taxes for the three and nine months ended October 31, 2020 and 2019. Our tax provision was approximately 26.8% for the three months ended October 31, 2020 and our tax benefit was approximately 65.9% for the three months ended October 31, 2019. Our tax benefit was approximately 112.7% and approximately 234.7% for the first nine months of fiscal years 2020 and 2019, respectively. The fluctuation in the rate results primarily from the production tax credits we expect to receive associated with our refined coal segment relative to pre-tax income or loss. Our income

tax provision for the third quarter of fiscal year 2020 includes approximately \$1.8 million related to reversing previously recognized tax benefits associated with the lengthening of a net operating loss carryback allowed by the CARES Act as we no longer have a year to date estimated taxable loss.

As a result of the foregoing, net income was approximately \$11.1 million for the third quarter of fiscal year 2020 compared to net loss of approximately \$1.7 million for the third quarter of fiscal year 2019. Net income was approximately \$0.6 million for the first nine months of fiscal year 2020 compared to approximately \$5.4 million for the first nine months of fiscal year 2019.

Income related to noncontrolling interests was approximately \$2.2 million and approximately \$0.4 million during the third quarters of fiscal years 2020 and 2019, respectively, and was approximately \$1.1 million and approximately \$2.4 million during the first nine months of fiscal years 2020 and 2019, respectively. These amounts represent the other owners' share of the income or loss of NuGen, One Earth and the refined coal entity.

As a result of the foregoing, net income attributable to REX common shareholders for the third quarter of fiscal year 2020 was approximately \$8.8 million, an increase of approximately \$10.9 million from net loss attributable to REX common shareholders of approximately \$2.1 million for the third quarter of fiscal year 2019. Net loss attributable to REX common shareholders for the first nine months of fiscal year 2020 was approximately \$0.5 million, a decrease of approximately \$3.6 million from net income attributable to REX common shareholders of approximately \$3.0 million for the first nine months of fiscal year 2019.

Business Segment Results

We have two reportable segments: i) ethanol and by-products; and ii) refined coal. We evaluate the performance of each reportable segment based on segment profit. Segment profit excludes indirect interest income and certain other items that are included in net income determined in accordance with accounting principles generally accepted in the United States of America. Segment profit includes realized and unrealized gains and losses on derivative financial instruments and the provision/benefit for income taxes.

The following sections discuss the results of operations for each of our business segments and corporate and other. Amounts in the corporate and other category include activities that are not separately reportable or related to a segment. The following tables summarize segment and other results (amounts in thousands):

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Net sales and revenue:				
Ethanol and by-products	\$ 124,217	\$ 86,603	\$ 246,694	\$ 296,826
Refined coal ¹	34	68	134	288
Total net sales and revenue	<u>\$ 124,251</u>	<u>\$ 86,671</u>	<u>\$ 246,828</u>	<u>\$ 297,114</u>
Segment gross profit (loss):				
Ethanol and by-products	\$ 18,929	\$ 28	\$ 11,259	\$ 12,312
Refined coal	(1,250)	(1,786)	(4,241)	(6,420)
Total gross profit (loss)	<u>\$ 17,679</u>	<u>\$ (1,758)</u>	<u>\$ 7,018</u>	<u>\$ 5,892</u>
Income (loss) before income taxes:				
Ethanol and by-products	\$ 17,007	\$ (2,822)	\$ 1,397	\$ 3,491
Refined coal	(1,270)	(1,648)	(4,235)	(6,351)
Corporate and other	(626)	(434)	(1,873)	(1,146)
Total income (loss) before income taxes	<u>\$ 15,111</u>	<u>\$ (4,904)</u>	<u>\$ (4,711)</u>	<u>\$ (4,006)</u>
(Provision) benefit for income taxes:				
Ethanol and by-products	\$ (5,071)	\$ 945	\$ (17)	\$ (160)
Refined coal	985	2,181	4,863	9,282
Corporate and other	34	105	461	279
Total (provision) benefit for income taxes	<u>\$ (4,052)</u>	<u>\$ 3,231</u>	<u>\$ 5,307</u>	<u>\$ 9,401</u>
Segment profit (loss) (net of noncontrolling interests):				
Ethanol and by-products	\$ 9,660	\$ (2,330)	\$ 49	\$ 684
Refined coal	(227)	607	821	3,209
Corporate and other	(592)	(329)	(1,412)	(868)
Net income (loss) attributable to REX common shareholders	<u>\$ 8,841</u>	<u>\$ (2,052)</u>	<u>\$ (542)</u>	<u>\$ 3,025</u>

Ethanol and by-Products

The ethanol and by-products segment includes the consolidated financial results of One Earth and NuGen, our equity investment in Big River and certain administrative expenses. The following table summarizes net sales and revenue from One Earth and NuGen by product group (amounts in thousands):

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Sales of products, ethanol and by-products segment:				
Ethanol	\$ 98,850	\$ 66,149	\$ 191,971	\$ 226,986
Dried distillers grains	20,916	16,627	45,314	51,188
Non-food grade corn oil	4,661	3,099	9,162	12,681
Modified distillers grains	562	702	1,228	5,846
Derivative financial instruments losses	(777)	-	(1,075)	-
Other	5	26	94	125
Total	\$ 124,217	\$ 86,603	\$ 246,694	\$ 296,826

The following table summarizes selected operating data from One Earth and NuGen:

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Average selling price per gallon of ethanol	\$ 1.31	\$ 1.39	\$ 1.28	\$ 1.34
Gallons of ethanol sold (in millions)	74.6	47.6	149.4	169.4
Average selling price per ton of dried distillers grains	\$ 129.38	\$ 134.57	\$ 136.49	\$ 137.48
Tons of dried distillers grains sold	161,666	123,557	331,990	372,327
Average selling price per pound of non-food grade corn oil	\$ 0.24	\$ 0.26	\$ 0.25	\$ 0.25
Pounds of non-food grade corn oil sold (in millions)	19.0	11.9	37.2	49.8
Average selling price per ton of modified distillers grains	\$ 56.68	\$ 56.56	\$ 52.44	\$ 59.67
Tons of modified distillers grains sold	9,924	12,420	23,431	97,975
Average cost per bushel of grain	\$ 3.28	\$ 4.15	\$ 3.57	\$ 3.79
Average cost of natural gas (per MmBtu)	\$ 2.09	\$ 2.51	\$ 2.87	\$ 2.98

Ethanol sales increased from approximately \$66.1 million in the third quarter of fiscal year 2019 to approximately \$98.9 million in the third quarter of fiscal year 2020, primarily as a result of a 57% increase in gallons sold compared to the third quarter of fiscal year 2019. Dried distillers grains sales increased from approximately \$16.6 million in the third quarter of fiscal year 2019 to approximately \$20.9 million in the third quarter of fiscal year 2020, primarily as a result of a 31% increase in tons sold compared to the third quarter of fiscal year 2019. Non-food grade corn oil sales increased from approximately \$3.1 million in the third quarter of fiscal year 2019 to approximately \$4.7 million in the third quarter of fiscal year 2020. The increase was primarily a result of a 60% increase in pounds sold compared to the third quarter of fiscal year 2019. Modified distillers grains sales were approximately \$0.7 million in the third quarter of fiscal year 2019 compared to approximately \$0.6 million in the third quarter of fiscal year 2020. The decrease was primarily a result of a 20% decrease in tons sold compared to the third quarter of fiscal year 2019.

Losses on derivative financial instruments were approximately \$0.8 million during the third quarter of fiscal year 2020 and were insignificant during the third quarter of fiscal year 2019. The above noted volume increases were primarily a result of diminished local supplies of corn from a poor 2019 harvest caused by weather conditions in that area, which prevented us from operating our NuGen ethanol plant at or near historical production levels during the third quarter of fiscal year 2019.

Ethanol sales decreased from approximately \$227.0 million in the first nine months of fiscal year 2019 to approximately \$192.0 million in the first nine months of fiscal year 2020, primarily a result of a decrease of 20.0 million gallons sold. Dried distillers grains sales decreased from approximately \$51.2 million in the first nine months of fiscal year 2019 to approximately \$45.3 million in the first nine months of fiscal year 2020, primarily a result of a 11% decrease in tons sold compared to the first nine months of fiscal year 2019. Non-food grade corn oil sales decreased from approximately \$12.7 million in the first nine months of fiscal year 2019 to approximately \$9.2 million in the first nine months of fiscal year 2020, primarily a result of a 25% decrease in pounds sold. Modified distillers grains sales decreased from approximately \$5.8 million in the first nine months of fiscal year 2019 to approximately \$1.2 million in the first nine months of fiscal year 2020, primarily a result of an 76% decrease in tons sold compared to the first nine months of fiscal year 2019. Losses on derivative financial instruments were approximately \$1.1 million during the first nine months of fiscal year 2020 and were insignificant during the first nine months of fiscal year 2019. The volume decreases for the nine months ended October 31, 2020 were primarily a result of the impact of the COVID-19 outbreak on ethanol demand, lower ethanol pricing, an oversupply of oil and diminished local supplies of corn from a poor 2019 harvest caused by localized weather conditions. These factors resulted in idling both of our consolidated ethanol plants in March of 2020. In May of 2020, businesses and other activities slowly began to reopen, which led to an increase in demand for gasoline and ethanol, and in related prices. As a result, we resumed production operations at the One Earth ethanol plant in May of 2020 and at the NuGen ethanol plant in June of 2020.

Gross profit for the third quarter of fiscal year 2020 was approximately \$18.9 million compared to approximately \$28,000 of gross profit for the third quarter of fiscal year 2019. The crush spread for the third quarter of fiscal year 2020 was approximately \$0.19 per gallon of ethanol sold compared to approximately \$(0.04) per gallon of ethanol sold during the third quarter of fiscal year 2019. In addition, there were weather related logistical delays and diminished local availability of corn which negatively impacted production levels at NuGen during the third quarter of fiscal year 2019.

Corn accounted for approximately 79% (\$83.4 million) of our cost of sales during the third quarter of fiscal year 2020 compared to approximately 78% (\$67.7 million) during the third quarter of fiscal year 2019. Natural gas accounted for approximately 4% (\$4.0 million) of our cost of sales during the third quarter of fiscal year 2020 compared to approximately 4% (\$3.2 million) during the third quarter of fiscal year 2019. Both the corn and natural gas dollar increases were primarily attributable to the higher production levels incurred in the third quarter of fiscal year 2020 compared to the third quarter of fiscal year 2019 levels.

Gross profit for the first nine months of fiscal year 2020 was approximately \$11.3 million, which was approximately \$1.1 million lower compared to approximately \$12.3 million of gross profit for the first nine months of fiscal year 2019. The crush spread for the first nine months of fiscal year 2020 was approximately \$0.05 per gallon of ethanol sold compared to the first nine months of fiscal year 2019 which was approximately \$0.03 per gallon of ethanol sold. Both of our consolidated ethanol plants were idled for portions of the first nine months of fiscal year 2020. Consequently, lower production and resulting sales volumes reduced gross profit for the first nine months of fiscal year 2020.

Grain accounted for approximately 76% (\$178.3 million) of our cost of sales during the first nine months of fiscal year 2020 compared to approximately 78% (\$221.3 million) during the first nine months of fiscal year 2019. Natural gas accounted for approximately 5% (\$11.3 million) of our cost of sales during the first nine months of fiscal year 2020 compared to approximately 5% (\$13.5 million) during the first nine months of fiscal year 2019. Both the grain and natural gas dollar decreases were primarily attributable to the lower production levels incurred in the first nine months of fiscal year 2020 compared to the first nine months of fiscal year 2019 levels.

We attempt to match quantities of ethanol, distillers grains and non-food grade corn oil sales contracts with an appropriate quantity of grain purchase contracts over a given time period when we can obtain a satisfactory margin resulting from the crush spread inherent in the contracts we have executed. However, the market for future ethanol sales contracts generally lags the spot market with respect to ethanol price. Consequently, we generally execute fixed price sales contracts for no more than four months into the future at any given time and we may lock in our corn or ethanol price without having a corresponding locked in ethanol or corn price for short durations of time. As a result of the relatively short period of time our contracts cover, we generally cannot predict the future movements in our realized crush spread for more than four months.

SG&A expenses for the third quarter of fiscal year 2020 were approximately \$3.5 million, consistent with the third quarter of fiscal year 2019 amount of approximately \$3.6 million. SG&A expenses were approximately \$11.1 million for the first nine months of fiscal year 2020, consistent with the first nine months of fiscal year 2019 amount of \$11.6 million.

During the third quarter of fiscal year 2020 we recognized income of approximately \$1,152,000 compared to a loss of approximately \$15,000 for the third quarter of fiscal year 2019, from our equity investment in Big River. We recognized income of approximately \$168,000 during the first nine months of fiscal year 2020 compared to approximately \$350,000 during the first nine months of fiscal year 2019. Big River's results for the nine months ended October 31, 2020 were negatively impacted by the COVID-19 outbreak. Big River has interests in four ethanol production plants that shipped approximately 390 million gallons in the trailing twelve months ended October 31, 2020 and has an effective ownership of ethanol gallons shipped for the same period of approximately 337 million gallons. Big River's operations also include agricultural elevators. Due to the inherent volatility of commodity prices within the ethanol industry, we cannot predict the likelihood of future operating results from Big River being similar to historical results.

Interest and other income was approximately \$0.5 million for the third quarter of fiscal year 2020 compared to approximately \$0.7 million for the third quarter of fiscal year 2019. Interest and other income was approximately \$1.1 million for the first nine months of fiscal year 2020 compared to approximately \$2.4 million for the first nine months of fiscal year 2019. Interest income has decreased as yields on our excess cash decreased compared to fiscal year 2019 and our excess cash investment balances decreased compared to fiscal year 2019.

The provision for income taxes was approximately \$5.1 million in the third quarter of fiscal year 2020 compared to a benefit of approximately \$0.9 million in the third quarter of fiscal year 2019. The provision for income taxes was approximately \$17,000 in the first nine months of fiscal year 2020 compared to approximately \$160,000 in the first nine months of fiscal year 2019. The fluctuation in segment income tax benefit or provision is primarily related to the fluctuation in pre-tax income or loss.

Income related to noncontrolling interests was approximately \$2.3 million and approximately \$0.5 million during the third quarters of fiscal years 2020 and 2019, respectively. Income related to noncontrolling interests was approximately \$1.3 million and approximately \$2.6 million during the first nine months of fiscal years 2020 and 2019, respectively. These amounts represent the other owners' share of the income or loss of NuGen and One Earth.

Segment profit for the third quarter of fiscal year 2020 was approximately \$9.7 million, which was an increase of approximately \$12.0 million compared to the prior year third quarter segment loss of approximately \$2.3 million. Segment profit for the first nine months of fiscal year 2020 was approximately \$49,000, which was approximately \$635,000 lower compared to the first nine months of fiscal year 2019 segment profit of approximately \$684,000.

Refined Coal

The refined coal segment includes the consolidated financial results of our refined coal entity and certain administrative expenses. We acquired the refined coal entity during the third quarter of fiscal year 2017. The following table summarizes sales from refined coal operations by product group (amounts in thousands):

	Three Months Ended October 31,		Nine Months Ended October 31,	
	2020	2019	2020	2019
Sales of products, refined coal segment:				
Refined coal ¹	\$ 34	\$ 68	\$ 134	\$ 288

¹ We record sales in the refined coal segment net of the cost of coal as we purchase the coal feedstock from the customer to which refined coal is sold.

Refined coal sales were approximately \$34,000 and approximately \$68,000 in the third quarters of fiscal years 2020 and 2019, respectively. Refined coal sales were approximately \$134,000 and approximately \$288,000 in the first nine months of fiscal years 2020 and 2019, respectively. During fiscal year 2020, operating results have been adversely affected by lower utility plant demand (our only customer). Refined coal sales vary depending on fluctuations in demand from the site host utility, which generally changes based upon weather conditions in the geographic markets the utility serves and competing energy prices and supplies and the state of the economy. Based upon current year operations and projections from the site host utility, we expect varying and intermittent demand for refined coal in future periods compared to historical results.

Gross loss was approximately \$1.3 million and approximately \$1.8 million in the third quarters of fiscal years 2020 and 2019, respectively. Gross loss was approximately \$4.2 million and approximately \$6.4 million in the first nine months of fiscal years 2020 and 2019, respectively. We expect future period gross losses to vary like the sales fluctuations described above. Based upon the agreements in place that govern the operation, sales and purchasing activities of the refined coal plant, we expect the refined coal operation to continue operating at a gross loss. We expect that the ongoing losses will be subsidized by federal production income tax credits.

SG&A expenses were insignificant during the third quarters and first nine months of fiscal years 2020 and 2019. We expect future period expenses to also be insignificant.

Loss related to noncontrolling interests was approximately \$0.1 million for each of the third quarters of fiscal years 2020 and 2019. Loss related to noncontrolling interests was approximately \$0.2 million and approximately \$0.3 million in the first nine months of fiscal years 2020 and 2019, respectively. This amount represents the other owner's share of the pre-tax loss of refined coal operations.

The benefit for income taxes was approximately \$1.0 million and approximately \$2.2 million in the third quarters of fiscal years 2020 and 2019, respectively. The benefit for income taxes was approximately \$4.9 million and approximately \$9.3 million in the first nine months of fiscal years 2020 and 2019, respectively. The refined coal segment tax benefit is comprised of an estimated statutory benefit of its pre-tax losses and an estimated benefit from the federal production tax credits we expect to earn from producing and selling refined coal. The amount of benefit we recognize during interim periods will fluctuate based on actual production and profitability levels.

As a result of the foregoing, including the benefit of federal production tax credits attributable to refined coal production and sales, segment loss for the third quarter of fiscal year 2020 was approximately \$0.2 million compared to segment profit of approximately \$0.6 million for the third quarter of fiscal year 2019. Segment profit was approximately \$0.8 million and approximately \$3.2 million for the first nine months of fiscal years 2020 and 2019, respectively.

Corporate and Other

SG&A expenses were approximately \$0.7 million for both the third quarter of fiscal years 2020 and 2019. These expenses were approximately \$2.2 million and approximately \$2.1 million for the first nine months of fiscal years 2020 and 2019, respectively.

Interest and other income was approximately \$0.1 million and approximately \$0.3 million for the third quarters of fiscal years 2020 and 2019, respectively. Interest and other income was approximately \$0.3 million and approximately \$0.9 million for the first nine months of fiscal years 2020 and 2019, respectively. Interest income has decreased as yields on our excess cash decreased compared to fiscal year 2019 and our excess cash investment balances decreased compared to fiscal year 2019.

Liquidity and Capital Resources

Net cash provided by operating activities was approximately \$21.5 million for the first nine months of fiscal year 2020, compared to cash used of approximately \$2.3 million for the first nine months of fiscal year 2019. For the first nine months of fiscal year 2020, cash was provided by net income of approximately \$0.6 million, adjusted for non-cash items of approximately \$14.0 million, which consisted of depreciation, amortization of operating lease right-of-use assets, income from equity method investments, interest income from short-term investments, the deferred income tax provision and stock based compensation expense. We received dividends from Big River of approximately \$2.5 million during the first nine months of fiscal year 2020. A decrease in the balance of accounts receivable provided cash of approximately \$0.5 million, which was primarily a result of the timing of customer shipments and payments. Inventories decreased by approximately \$14.0 million, which was primarily a result of the timing of receipt of raw materials, shipments of finished goods and lower commodity prices. A decrease in the balance of accounts payable used cash of approximately \$4.3 million, which was primarily a result of the timing of inventory receipts and vendor payments. A decrease in the balance of other liabilities used cash of approximately \$5.3 million, which was primarily a result of payments of operating leases and incentive compensation.

Net cash used in operating activities was approximately \$2.3 million for the first nine months of fiscal year 2019. For the first nine months of fiscal year 2019, cash was provided by net income of approximately \$5.4 million, adjusted for non-cash items of approximately \$12.3 million, which consisted of depreciation, amortization of operating lease right-of-use assets, income from equity method investments, interest income from short-term investments, the deferred income tax provision and stock based compensation expense. We received dividends from Big River of approximately \$1.0 million during the first nine months of fiscal year 2019. An increase in the balance of accounts receivable used cash of approximately \$5.0 million, which was primarily a result of amounts owed by One Earth's sole corn provider until the end of the third quarter and the timing of customer payments and shipments. Beginning in the fourth quarter of fiscal year 2019, One Earth began sourcing its own corn and in conjunction with this change One Earth was owed approximately \$6.7 million at the end of the third quarter from the previous corn originator. An increase in the balance of inventories used cash of approximately \$12.6 million, which was primarily a result of the timing of receipt of raw materials, plant shutdowns and the shipment of finished goods. An increase in the balance of accounts payable provided cash of approximately \$5.6 million, which was primarily a result of the timing of inventory receipts and vendor payments. A decrease in the balance of other liabilities used cash of approximately \$9.0 million, which was primarily a result of payments of operating leases and incentive compensation as well as lower accruals for utilities.

At October 31, 2020, working capital was approximately \$226.3 million, compared to approximately \$239.5 million at January 31, 2020. The ratio of current assets to current liabilities was 9.5 to 1 at October 31, 2020 and 8.6 to 1 at January 31, 2020.

Cash of approximately \$10.0 million was used in investing activities for the first nine months of fiscal year 2020, compared to cash provided of approximately \$12.7 million during the first nine months of fiscal year 2019. During the first nine months of fiscal year 2020, we had capital expenditures of approximately \$6.6 million, primarily for the purchase of land at One Earth Energy. We expect our capital expenditures to be in the range of \$3 million to \$5 million for the remainder of fiscal year 2020. During the first nine months of fiscal year 2020, we purchased certificates of deposit (classified as short-term investments) of approximately \$68.2 million. During the first nine months of fiscal year 2020, we sold certificates of deposit (classified as short-term investments) of approximately \$65.3 million. The certificates of deposit, both purchased and sold, had maturities of less than one year. Depending on investment options available, we may elect to retain the funds, or a portion thereof, in cash investments, short-term investments or long-term investments.

Cash of approximately \$12.7 million was provided by investing activities for the first nine months of fiscal year 2019. During the first nine months of fiscal year 2019, we had capital expenditures of approximately \$2.6 million. During the first nine months of fiscal year 2019, we sold United States treasury bills (classified as short-term investments) of approximately \$15.0 million.

Cash of approximately \$18.3 million was used in financing activities for the first nine months of fiscal year 2020, compared to approximately \$2.3 million during the first nine months of fiscal year 2019. During the first nine months of fiscal year 2020, we used cash of approximately \$18.1 million to purchase approximately 295,000 shares of our common stock in open market transactions.

Cash of approximately \$2.3 million was used in financing activities for the first nine months of fiscal year 2019. During the first nine months of fiscal year 2019, we used cash of approximately \$2.6 million to pay dividends to and to purchase shares from noncontrolling members. During the first nine months of fiscal year 2019, we received approximately \$0.3 million in capital contributions from the minority investor in the refined coal entity.

We are investigating various uses for our excess cash and short-term investments. We have a stock buyback program, and given our current authorization level, can repurchase a total of approximately 43,000 shares at October 31, 2020. We also plan to seek and evaluate investment opportunities including carbon sequestration, energy related, agricultural or other ventures we believe fit our investment criteria in addition to investing in highly liquid short-term securities.

We are working with the University of Illinois to explore the development of a carbon sequestration project to be located near the One Earth ethanol plant. The University of Illinois has received a United States Department of Energy award through the CarbonSAFE program and will evaluate the greenhouse gas storage potential beneath the site by drilling a test well and performing seismic surveys. Further work and research are needed to determine if this will be a feasible project.

Forward-Looking Statements

This Form 10-Q contains or may contain forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. Such statements can be identified by use of forward-looking terminology such as “may,” “expect,” “believe,” “estimate,” “anticipate” or “continue” or the negative thereof or other variations thereon or comparable terminology. Readers are cautioned that there are risks and uncertainties that could cause actual events or results to differ materially from those referred to in such forward-looking statements. These risks and uncertainties include the risk factors set forth from time to time in the Company’s filings with the Securities and Exchange Commission and include among other things: the effect of pandemics such as COVID-19 on the Company’s business operations, including impacts on supplies, demand, personnel and other factors, the impact of legislative and regulatory changes, the price volatility and availability of corn, distillers grains, ethanol, non-food grade corn oil, gasoline, natural gas, logistical delays, our ethanol and refined coal plants operating efficiently and according to forecasts and projections, changes in the international, national or regional economies, weather, results of income tax audits, changes in income tax laws or regulations and the effects of terrorism or acts of war. The Company does not intend to update publicly any forward-looking statements except as required by law. Other factors that could cause actual results to differ materially from those in the forward-looking statements are set forth in Item 1A of the Company’s Annual Report on Form 10-K for the fiscal year ended January 31, 2020 (File No. 001-09097).

Item 3. Quantitative and Qualitative Disclosures About Market Risk

We are exposed to the impact of market fluctuations associated with commodity prices as discussed below.

We manage a portion of our risk with respect to the volatility of commodity prices inherent in the ethanol industry by using forward purchase and sale contracts and exchange traded commodity futures contracts. Our exposure to market risk, which includes the impact of our risk management activities, is based on the estimated effect on pre-tax income starting on October 31, 2020 is as follows (amounts in thousands):

<u>Commodity</u>	<u>Estimated Total Volume for 12 Months ⁽¹⁾</u>	<u>Unit of Measure</u>	<u>Decrease in Pre-tax Income From a 10% Adverse Change in Price</u>
Ethanol	290,000	Gallons	\$37,912
Corn	104,000	Bushels	\$36,285
Distillers Grains	666	Tons	\$ 7,629
Non-food grade Corn Oil	71,000	Pounds	\$ 1,018
Natural Gas	7,400	MmBtu	\$ 1,396

(1) Estimated volumes assume production at or near full capacity. Future period volumes will vary based upon market and plant conditions.

Item 4. Controls and Procedures

Our management evaluated, with the participation of our Chief Executive Officer and Chief Financial Officer, the effectiveness of our disclosure controls and procedures, as of the end of the period covered by this report. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures are effective to ensure that information required to be disclosed by us in the reports that we file or submit under the Securities Exchange Act of 1934 is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms and 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 were no changes in our internal control over financial reporting that occurred during our last fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. *Legal Proceedings*

We are not party to any legal proceedings that we believe would, individually or in the aggregate, have a material adverse effect on our financial condition, results of operations or cash flows.

Item 1A. *Risk Factors*

During the quarter ended October 31, 2020, there have been no material changes to the risk factors discussed in our Annual Report on Form 10-K for the year ended January 31, 2020.

Item 2. *Unregistered Sales of Equity Securities and Use of Proceeds*

Issuer Purchases of Equity Securities

<u>Period</u>	<u>Total Number of Shares Purchased</u>	<u>Average Price Paid per Share</u>	<u>Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs</u>	<u>Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs (1)</u>
August 1-31, 2020	1,200	\$ 61.82	1,200	239,985
September 1-30, 2020	120,030	64.70	120,030	119,955
October 1-31, 2020	76,943	71.32	76,943	43,012
Total	<u>198,173</u>	<u>\$ 67.26</u>	<u>198,173</u>	<u>43,012</u>

(1) On March 20, 2018, our Board of Directors increased our share repurchase authorization by an additional 500,000 shares. At October 31, 2020, a total of 43,012 shares remained available to purchase under this authorization.

Item 3. *Defaults upon Senior Securities*

Not Applicable

Item 4. *Mine Safety Disclosures*

Not Applicable

Item 5. *Other Information*

None

Item 6. Exhibits

The following exhibits are filed with this report:

- 31 [Rule 13a-14\(a\)/15d-14\(a\) Certifications](#)
- 32 [Section 1350 Certifications](#)
- 101 The following information from REX American Resources Corporation Quarterly Report on Form 10-Q for the quarter ended October 31, 2020, formatted in Inline Extensible Business Reporting Language (iXBRL): (i) Consolidated Condensed Balance Sheets, (ii) Consolidated Condensed Statements of Operations, (iii) Consolidated Condensed Statements of Equity, (iv) Consolidated Condensed Statements of Cash Flows and (v) Notes to Consolidated Condensed Financial Statements
- 104 The cover page from REX American Resources Corporation Quarterly Report on Form 10-Q for the quarter ended October 31, 2020, formatted in iXBRL

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.

REX American Resources Corporation
Registrant

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Zafar Rizvi</u> (Zafar Rizvi)	Chief Executive Officer and President (Chief Executive Officer)	December 4, 2020
<u>/s/ Douglas L. Bruggeman</u> (Douglas L. Bruggeman)	Vice President, Finance and Treasurer (Chief Financial Officer)	December 4, 2020

CERTIFICATIONS

I, Zafar Rizvi, certify that:

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

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 4, 2020

/s/ Zafar Rizvi
Zafar Rizvi
Chief Executive Officer and President

CERTIFICATIONS

I, Douglas L. Bruggeman, certify that:

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

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 4, 2020

/s/ Douglas L. Bruggeman
Douglas L. Bruggeman
*Vice President, Finance, Treasurer and
Chief Financial Officer*

REX American Resources Corporation
CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED BY SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002

The undersigned officers of REX American Resources Corporation (the “Company”) hereby certify, to their knowledge, that the Company’s Quarterly Report on Form 10-Q for the period ended October 31, 2020 which this certificate accompanies, fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that the information contained therein fairly presents, in all material respects, the financial condition and results of operations of the Company.

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

/s/Zafar Rizvi
Zafar Rizvi
Chief Executive Officer and President

/s/ Douglas L. Bruggeman
Douglas L. Bruggeman
*Vice President, Finance, Treasurer and
Chief Financial Officer*

Date: December 4, 2020
