

NEOGEN CORP  
Form 10-Q  
March 29, 2019  
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**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 February 28, 2019.**

**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 0-17988**

**Neogen Corporation**

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

**Michigan** **38-2367843**  
**(State or other jurisdiction of** **(IRS Employer**  
**incorporation or organization)** **Identification Number)**

**620 Leshar Place**

**Lansing, Michigan 48912**

**(Address of principal executive offices, including zip code)**

**(517) 372-9200**

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

**N/A**

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

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file 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 (§232.405 of this chapter) 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, or a non-accelerated filer (see definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act):

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller Reporting Company

Emerging growth company

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

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

As of February 28, 2019, there were 52,120,422 shares of Common Stock outstanding.



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**NEOGEN CORPORATION AND SUBSIDIARIES**

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**Table of Contents****PART I FINANCIAL INFORMATION****Item 1. Interim Consolidated Financial Statements****Neogen Corporation and Subsidiaries****Consolidated Balance Sheet***(in thousands, except share and**per share amounts)*

	<b>February 28, 2019 (Unaudited)</b>	<b>May 31, 2018 (Unaudited)</b>
<b><u>Assets</u></b>		
Current Assets		
Cash and cash equivalents	\$ 93,576	\$ 83,074
Marketable securities (at fair value, which approximates cost)	153,104	127,736
Accounts receivable, less allowance of \$1,700 and \$1,550	80,011	79,086
Inventories	84,870	76,005
Prepaid expenses and other current assets	11,041	9,888
<b>Total Current Assets</b>	<b>422,602</b>	<b>375,789</b>
Net Property and Equipment	76,453	73,069
Other Assets		
Goodwill	104,077	99,558
Other non-amortizable intangible assets	15,658	14,783
Amortizable customer-based intangibles, net of accumulated amortization of \$27,184 and \$24,579 at February 28, 2019 and May 31, 2018, respectively	30,007	31,841
Other non-current assets, net of accumulated amortization of \$12,304 and \$12,470 at February 28, 2019 and May 31, 2018, respectively	23,788	22,969
<b>Total Assets</b>	<b>\$ 672,585</b>	<b>\$ 618,009</b>
<b><u>Liabilities and Equity</u></b>		
Current Liabilities		
Accounts payable	\$ 18,952	\$ 20,750
Accrued compensation	5,391	6,065
Income taxes		165
Other accruals	9,925	11,708
<b>Total Current Liabilities</b>	<b>34,268</b>	<b>38,688</b>
Deferred Income Taxes	14,211	14,103
Other Non-Current Liabilities	4,190	5,043

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Total Liabilities	52,669	57,834
Commitments and Contingencies (Note 8)		
Equity		
Preferred stock, \$1.00 par value, 100,000 shares authorized, none issued and outstanding		
Common stock, \$0.16 par value, 120,000,000 shares authorized, 52,120,422 and 51,735,732 shares issued and outstanding at February 28, 2019 and May 31, 2018, respectively	8,339	8,278
Additional paid-in capital	217,274	202,572
Accumulated other comprehensive loss	(9,129)	(9,746)
Retained earnings	403,432	359,071
Total Stockholders' Equity	619,916	560,175
Total Liabilities and Equity	\$ 672,585	\$ 618,009

See notes to interim consolidated financial statements.

**Table of Contents****Neogen Corporation and Subsidiaries****Consolidated Statements of Income (unaudited)***(in thousands, except per share amounts)*

	<b>Three Months Ended</b>		<b>Nine Months Ended</b>	
	<b>February 28, 2019</b>	<b>February 28, 2018</b>	<b>February 28, 2019</b>	<b>February 28, 2018</b>
<b>Revenues</b>				
Product revenues	\$ 77,375	\$ 77,184	\$ 249,897	\$ 241,200
Service revenues	20,325	17,719	54,527	48,611
<b>Total Revenues</b>	<b>97,700</b>	<b>94,903</b>	<b>304,424</b>	<b>289,811</b>
<b>Cost of Revenues</b>				
Cost of product revenues	41,902	40,283	132,157	124,520
Cost of service revenues	11,170	10,019	30,877	27,517
<b>Total Cost of Revenues</b>	<b>53,072</b>	<b>50,302</b>	<b>163,034</b>	<b>152,037</b>
<b>Gross Margin</b>	<b>44,628</b>	<b>44,601</b>	<b>141,390</b>	<b>137,774</b>
<b>Operating Expenses</b>				
Sales and marketing	16,722	16,572	52,454	49,442
General and administrative	10,018	9,280	30,337	29,096
Research and development	3,249	2,836	9,235	8,901
<b>Total Operating Expenses</b>	<b>29,989</b>	<b>28,688</b>	<b>92,026</b>	<b>87,439</b>
<b>Operating Income</b>	<b>14,639</b>	<b>15,913</b>	<b>49,364</b>	<b>50,335</b>
<b>Other Income</b>				
Interest income	1,335	524	3,290	1,322
Other income	649	844	807	1,913
<b>Total Other Income</b>	<b>1,984</b>	<b>1,368</b>	<b>4,097</b>	<b>3,235</b>
<b>Income Before Taxes</b>	<b>16,623</b>	<b>17,281</b>	<b>53,461</b>	<b>53,570</b>
<b>Provision for Income Taxes</b>	<b>3,550</b>	<b>700</b>	<b>9,100</b>	<b>7,900</b>
<b>Net Income</b>	<b>13,073</b>	<b>16,581</b>	<b>44,361</b>	<b>45,670</b>
<b>Net (Income) Loss Attributable to Non-Controlling Interest</b>		<b>5</b>		<b>(70)</b>
<b>Net Income Attributable to Neogen</b>	<b>\$ 13,073</b>	<b>\$ 16,586</b>	<b>\$ 44,361</b>	<b>\$ 45,600</b>
<b>Net Income Attributable to Neogen Per Share</b>				
Basic	\$ 0.25	\$ 0.32	\$ 0.86	\$ 0.89

Diluted	\$	0.25	\$	0.32	\$	0.85	\$	0.88
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See notes to interim consolidated financial statements.



**Table of Contents****Neogen Corporation and Subsidiaries****Consolidated Statements of Comprehensive Income (unaudited)***(in thousands)*

	<b>Three Months Ended</b>		<b>Nine Months Ended</b>	
	<b>February 28, 2019</b>	<b>February 28, 2018</b>	<b>February 28, 2019</b>	<b>February 28, 2018</b>
Net income	\$ 13,073	\$ 16,581	\$ 44,361	\$ 45,670
Other comprehensive income, net of tax: currency translation adjustments	3,105	1,163	617	1,900
Comprehensive income	16,178	17,744	44,978	47,570
Comprehensive (income) loss attributable to non-controlling interest		5		(70)
Comprehensive income attributable to Neogen Corporation	\$ 16,178	\$ 17,749	\$ 44,978	\$ 47,500

See notes to interim consolidated financial statements.

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**Neogen Corporation and Subsidiaries**  
**Consolidated Statement of Equity (unaudited)**

*(in thousands)*

	<b>Common Stock Shares</b>	<b>Common Stock Amount</b>	<b>Additional Paid-in Capital</b>	<b>Accumulated Other Comprehensive (Loss)</b>	<b>Retained Earnings</b>	<b>Total</b>
Balance at May 31, 2018	51,736	\$ 8,278	\$ 202,572	\$ (9,746)	\$ 359,071	\$ 560,175
Issuance of shares under share-based compensation plan	251	40	8,433			8,473
Issuance of shares under employee stock purchase plan	8	2	517			519
Net income for the three months ended August 31, 2018					15,237	15,237
Other comprehensive (loss)				(2,778)		(2,778)
Balance at August 31, 2018	51,995	\$ 8,320	\$ 211,522	\$ (12,524)	\$ 374,308	\$ 581,626
Issuance of shares under share-based compensation plan	87	14	4,093			4,107
Net income for the three months ended November 30, 2018					16,051	16,051
Other comprehensive income				290		290
Balance at November 30, 2018	52,082	\$ 8,334	\$ 215,615	\$ (12,234)	\$ 390,359	\$ 602,074
Issuance of shares under share-based compensation plan	78	12	4,146			4,158
Issuance of shares under employee stock purchase plan	10	1	640			641
Shares repurchased	(50)	(8)	(3,127)			(3,135)
Net income for the three months ended February 28, 2019					13,073	13,073
Other comprehensive income				3,105		3,105
Balance at February 28, 2019	52,120	\$ 8,339	\$ 217,274	\$ (9,129)	\$ 403,432	\$ 619,916

See notes to interim consolidated financial statements.

**Table of Contents****Neogen Corporation and Subsidiaries****Consolidated Statements of Cash Flows (unaudited)***(in thousands)*

	<b>Nine Months Ended</b>	
	<b>February 28, 2019</b>	<b>2018</b>
<b>Cash Flows From Operating Activities</b>		
Net Income	\$ 44,361	\$ 45,670
Adjustments to reconcile net income to net cash from operating activities:		
Depreciation and amortization	13,028	12,682
Share-based compensation	4,137	3,692
Change in operating assets and liabilities, net of business acquisitions:		
Accounts receivable	(898)	(4,013)
Inventories	(8,745)	(3,859)
Prepaid expenses and other current assets	(1,463)	(7,316)
Accounts payable, accruals and other changes	(7,455)	(280)
<b>Net Cash From Operating Activities</b>	<b>42,965</b>	<b>46,576</b>
<b>Cash Flows From Investing Activities</b>		
Purchases of property, equipment and other non-current intangible assets	(11,877)	(16,297)
Proceeds from the sale of marketable securities	290,827	211,327
Purchases of marketable securities	(316,195)	(255,348)
Business acquisitions, net of cash acquired	(6,388)	(468)
<b>Net Cash Used In Investing Activities</b>	<b>(43,633)</b>	<b>(60,786)</b>
<b>Cash Flows From Financing Activities</b>		
Exercise of stock options and issuance of employee stock purchase plan shares	13,752	18,916
Repurchase of common stock	(3,135)	
<b>Net Cash From Financing Activities</b>	<b>10,617</b>	<b>18,916</b>
Effect of Exchange Rate on Cash	553	(207)
<b>Net Increase In Cash and Cash Equivalents</b>	<b>10,502</b>	<b>4,499</b>
Cash and Cash Equivalents, Beginning of Period	83,074	77,567
<b>Cash and Cash Equivalents, End of Period</b>	<b>\$ 93,576</b>	<b>\$ 82,066</b>

See notes to interim consolidated financial statements.

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**NEOGEN CORPORATION AND SUBSIDIARIES**

**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)**

**1. ACCOUNTING POLICIES**

**BASIS OF PRESENTATION AND CONSOLIDATION**

The accompanying unaudited consolidated financial statements include the accounts of Neogen Corporation ( Neogen or the Company ) and its wholly owned subsidiaries and have been prepared in accordance with accounting principles generally accepted in the United States of America (generally accepted accounting principles) for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements.

In the opinion of management, all adjustments (consisting only of normal recurring adjustments) considered necessary for a fair presentation have been included in the accompanying unaudited consolidated financial statements. All intercompany balances and transactions have been eliminated in consolidation. The results of operations for the three and nine month periods ended February 28, 2019 are not necessarily indicative of the results to be expected for the fiscal year ending May 31, 2019. For more complete financial information, these consolidated financial statements should be read in conjunction with the audited consolidated financial statements and the notes thereto included in our Annual Report on Form 10-K for the fiscal year ended May 31, 2018.

Share and per share amounts reflect the December 29, 2017 4-for-3 stock split as if it took place at the beginning of the period

presented.

**Recently Adopted Accounting Standards**

*Revenue Recognition*

On June 1, 2018, we adopted ASU No. 2014-09 Revenue from Contracts with Customers (Topic 606). Refer to the Revenue Recognition section of Note 1 for further information.

*Classification of Cash Receipts and Payments*

In August 2016, the FASB issued ASU No. 2016-15 Classification of Certain Cash Receipts and Cash Payments (a consensus of the Emerging Issues Task Force). The amendments in ASU 2016-15 address eight specific cash flow issues and apply to all entities that are required to present a statement of cash flows under FASB Accounting Standards Codification (FASB ASC) 230, Statement of Cash Flows. The amendments in ASU 2016-15 are effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. We adopted this ASU on June 1, 2018; the impact on our consolidated financial statements was immaterial.

**Recent Accounting Pronouncements Not Yet Adopted**

*Leases*

In February 2016, the FASB issued ASU No. 2016-02 Leases to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. A lessee should recognize in the statement of financial position a liability to make lease payments (the lease liability) and a right-of-use asset representing its right to use the underlying asset for the lease term. The recognition, measurement and presentation of expenses and cash flows arising from a lease by a lessor have not significantly changed from previous U.S. GAAP. This ASU is effective for annual periods, including interim periods within those annual periods, beginning after December 15, 2018. Modified retrospective application is required with certain practical expedients. We will adopt this ASU on June 1, 2019 and are currently in the process of evaluating our lessee and lessor arrangements to determine the impact of this pronouncement on our consolidated financial condition and results of operations. This evaluation includes a review of revenue through leasing arrangements as well as lease expenses, which primarily result from operating lease arrangements at most of our facilities.

*Financial Instruments- Credit Losses*

In June 2016, the FASB issued ASU No. 2016-13 Measurement of Credit Losses on Financial Instruments, which changes how companies measure credit losses on most financial instruments measured at amortized cost and certain other instruments, such as loans, receivables and held-to-maturity debt securities. Rather than generally recognizing credit losses when it is probable that the loss has been incurred, the revised guidance requires companies to recognize an allowance for credit losses for the difference between the

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amortized cost basis of a financial instrument and the amount of amortized cost that the company expects to collect over the instrument's contractual life. ASU 2016-13 is effective for fiscal periods beginning after December 15, 2019 and must be adopted as a cumulative effect adjustment to retained earnings. Early adoption is permitted. We do not believe adoption of this guidance will have an impact on our consolidated financial statements.

## **Comprehensive Income**

Comprehensive income represents net income and any revenues, expenses, gains and losses that, under U.S. generally accepted accounting principles, are excluded from net income and recognized directly as a component of equity. Accumulated other comprehensive income (loss) consists solely of foreign currency translation adjustments.

## **Fair Value of Financial Instruments**

The carrying amounts of our financial instruments other than cash equivalents and marketable securities, which include accounts receivable and accounts payable, approximate fair value based on either their short maturity or current terms for similar instruments. Fair value measurements are determined based upon the exit price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants exclusive of any transaction costs. We utilize a fair value hierarchy based upon the observability of inputs used in valuation techniques as follows:

Level 1: Observable inputs such as quoted prices in active markets;

Level 2: Inputs, other than quoted prices in active markets, that are observable either directly or indirectly; and

Level 3: Unobservable inputs in which there is little or no market data, which require the reporting entity to develop its own assumptions.

## **Cash and Cash Equivalents**

Cash and cash equivalents consist of bank demand accounts, savings deposits, certificates of deposit and commercial paper with original maturities of 90 days or less. The carrying value of these assets approximates fair value due to the short maturity of these instruments and meets the Level 1 criteria.

## **Marketable Securities**

The Company has marketable securities held by banks or broker-dealers at February 28, 2019, consisting of short-term domestic certificates of deposit and commercial paper rated at least A1/P1 (short-term) and A/A2 (long-term) with maturities between 91 days and two years. These securities are classified as available for sale. The primary objective of our short-term investment activity is to preserve capital for the purpose of funding operations, capital expenditures and business acquisitions; short-term investments are not entered into for trading or speculative purposes. These securities are recorded at fair value (that approximates cost) based on recent trades of similar securities or pricing models and therefore meet the Level 2 criteria. Interest income on these investments is recorded within Other Income on the consolidated statements of income.

## **ESTIMATES AND ASSUMPTIONS**

The preparation of these financial statements requires that management make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosures of contingent assets and

liabilities. On an ongoing basis, management evaluates the estimates, including, but not limited to, variable consideration related to revenue recognition, allowances for doubtful accounts, the market value of, and demand for, inventories, stock-based compensation, provision for income taxes and related balance sheet accounts, accruals, goodwill and other intangible assets. These estimates are based on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

There have been no significant changes to the critical accounting policies and estimates disclosed in our Annual Report on Form 10-K for the fiscal year ended May 31, 2018, except for the new revenue recognition standard the Company adopted effective June 1, 2018. See the below sections Revenue Recognition and Recently Adopted Accounting Standards for further information on revenue recognition.

There were no significant changes to the contractual obligations or contingent liabilities and commitments disclosed in our Annual Report on Form 10-K for the fiscal year ended May 31, 2018.

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### **Accounts Receivable Allowance**

Management attempts to minimize credit risk by reviewing customers' credit history before extending credit and by monitoring credit exposure on a regular basis. An allowance for doubtful accounts receivable is established based upon factors surrounding the credit risk of specific customers, historical trends and other information. Collateral or other security is generally not required for accounts receivable. Once a receivable balance has been determined to be uncollectible, that amount is charged against the allowance for doubtful accounts.

### **Inventory**

The reserve for obsolete and slow-moving inventory is reviewed at least quarterly based on an analysis of the inventory, considering the current condition of the asset as well as other known facts and future plans. The reserve required to record inventory at lower of cost or net realizable value is adjusted as conditions change. Product obsolescence may be caused by shelf-life expiration, discontinuance of a product line, replacement products in the marketplace or other competitive situations.

### **Goodwill and Other Intangible Assets**

Goodwill represents the excess of purchase price over fair value of tangible net assets of acquired businesses after amounts are allocated to other identifiable intangible assets. Other intangible assets include customer relationships, trademarks, licenses, trade names, covenants not-to-compete and patents. Customer-based intangibles are amortized on either an accelerated or straight-line basis, reflecting the pattern in which the economic benefits are consumed, while all other amortizable intangibles are amortized on a straight-line basis; intangibles are generally amortized over 5 to 25 years. We review the carrying amounts of goodwill and other non-amortizable intangible assets annually, or when indications of impairment exist, to determine if such assets may be impaired by performing a quantitative assessment. If the carrying amounts of these assets are deemed to be less than fair value based upon a discounted cash flow analysis and comparison to comparable EBITDA multiples of peer companies, such assets are reduced to their estimated fair value and a charge is recorded to operations.

### **Long Lived Assets**

Management reviews the carrying values of its long-lived assets to be held and used, including definite-lived intangible assets, for possible impairment whenever events or changes in business conditions warrant such a review. The carrying value of a long-lived asset is considered impaired when the anticipated separately identifiable undiscounted cash flows over the remaining useful life of the asset indicate that the carrying amount of the asset may not be recoverable. In such an event, fair value is determined using discounted cash flows and, if lower than the carrying value, impairment is recognized through a charge to operations.

### **Equity Compensation Plans**

Share options awarded to employees and shares of stock awarded to employees under certain stock purchase plans are recognized as compensation expense based on their fair value at grant date. The fair market value of options granted under the Company stock option plans was estimated on the date of grant using the Black-Scholes option-pricing model with assumptions for inputs such as interest rates, expected dividends, volatility measures and specific employee exercise behavior patterns based on statistical data. Some of the inputs used are not market-observable and have to be estimated or derived from available data. Use of different estimates would produce different option values, which in turn would result in higher or lower compensation expense recognized. To value options, several recognized valuation models exist. None of these models can be singled out as being the best or most correct one. The model



applied by us can handle most of the specific features included in the options granted, which is the reason for its use. If a different model were used, the option values could differ despite using the same inputs. Accordingly, using different assumptions coupled with using a different valuation model could have a significant impact on the fair value of employee stock options. Fair value could be either higher or lower than the number provided by the model applied and the inputs used. Further information on our equity compensation plans, including inputs used to determine the fair value of options, is disclosed in Note 5 to the unaudited consolidated financial statements.

### **Income Taxes**

We account for income taxes using the asset and liability method. Under this method, deferred income tax assets and liabilities are determined based on differences between the financial reporting and tax bases of assets and liabilities and for tax credit carryforwards and are measured using the enacted tax rates in effect for the years in which the differences are expected to reverse. Deferred income tax expense represents the change in net deferred income tax assets and liabilities during the period.

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On December 22, 2017, the Tax Cuts and Jobs Act of 2017 (the Tax Act) was signed into law making significant changes to the Internal Revenue Code. Changes include a federal corporate tax rate reduction from 35% to 21% for tax years beginning after December 31, 2017, the transition of U.S. international taxation from a worldwide tax system to a territorial system, and a one-time transition tax on the mandatory deemed repatriation of foreign earnings. The Tax Act also includes a provision to tax global intangible low taxed income ( GILTI ) of foreign subsidiaries, which became effective for us beginning June 1, 2018. In the fourth quarter of fiscal 2018, we recorded an estimated net charge of \$4.8 million related to the Tax Act, due to the impact of the reduction in the tax rate on deferred tax assets and liabilities of \$6.0 million, partially offset by \$1.2 million of one-time transition tax on the deemed repatriation of foreign earnings. Due to the timing of the enactment and the complexity in applying the provisions of the Tax Act, these charges and benefits were recorded based on reasonable estimates and were subject to revisions as we completed our analysis of the Tax Act, collected and prepared necessary data, and interpreted any additional guidance issued by the Internal Revenue Service. Prior to December 22, 2018, immaterial adjustments to these provisions were recorded to income tax expense, within the measurement period under SAB 118.

## **Revenue Recognition**

In May 2014, the FASB issued ASU No. 2014-09 Revenue from Contracts with Customers (Topic 606). The new standard outlines a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance, including industry-specific guidance. The core principle of the revenue model is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The standard is designed to create greater comparability for financial statement users across industries and jurisdictions and also requires enhanced disclosures. In April 2016, the FASB issued Accounting Standards Update No. 2016-10 Revenue from Contracts with Customers (Topic 606), which amends and adds clarity to certain aspects of the guidance set forth in ASU 2014-09 related to identifying performance obligations and licensing. The guidance became effective for the Company on June 1, 2018. We adopted this standard using the full retrospective approach. This approach was chosen to provide appropriate comparisons against our prior year financial statements; accordingly, historical information for the year ended May 31, 2018, including interim periods therein, has been adjusted to conform to the new standard.

Prior to the adoption, we identified all revenue streams at each significant subsidiary and reviewed contracts to evaluate the impact of adopting the new standard on our revenue recognition policies, procedures and control framework and ultimately on our consolidated financial statements and related disclosures. In our review of contracts in each revenue stream, we noted no material impact in the implementation of the standard. We determined the impact of adopting the standard on our control framework and noted minimal, insignificant changes to our system and other controls processes.

Under Topic 606, the Company determines the amount of revenue to be recognized through application of the following steps:

Identification of the contract with a customer;

Identification of the performance obligations in the contract;

Determination of the transaction price;

Allocation of the transaction price to the performance obligations in the contract; and

Recognition of revenue when or as the Company satisfies the performance obligations.

Essentially all of our revenue is generated through contracts with our customers. A performance obligation is a promise in a contract to transfer a product or service to a customer. We generally recognize revenue at a point in time when all of our performance obligations under the terms of a contract are satisfied. With the adoption of Topic 606, revenue is recognized upon transfer of control of promised products and services in an amount that reflects the consideration the Company expects to receive in exchange for those products or services. The collectability of consideration on the contract is reasonably assured before revenue is recognized. To the extent that customer payment has been received before all recognition criteria are met, these revenues are initially deferred in other accruals on the balance sheet and the revenue is recognized in the period that all recognition criteria have been met. In certain situations, we provide rebates, marketing support, credits or incentives to select customers, which are accounted for as variable consideration when estimating the amount of revenue to recognize on a contract. Variable consideration reduces the amount of revenue that is recognized. These variable consideration estimates are updated at the end of each reporting period based on information currently available.

The performance obligations in our contracts are generally satisfied well within one year of contract inception. In such cases, we have elected the practical expedient to not adjust the promised amount of consideration for the effects of a significant financing component. We have elected to utilize the practical expedient to recognize the incremental costs of obtaining a contract as an expense when incurred because the amortization period for the prepaid costs that would otherwise have been deferred and amortized is one year or less. The Company accounts for shipping and handling for products as a fulfillment activity when goods are shipped. Revenue is recognized net of any tax collected from customers; the taxes are subsequently remitted to governmental authorities. The Company's terms and conditions of sale generally do not provide for returns of product or reperformance of service except in the case of quality or warranty issues. These situations are infrequent; due to immateriality of the amount, warranty claims are recorded in the period incurred.

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We derive revenue from two primary sources – product revenue and service revenue.

Product revenue consists primarily of shipments of:

Diagnostic test kits, culture media and related products used by food producers and processors to detect harmful natural toxins, foodborne bacteria, allergens and levels of general sanitation;

Consumable products marketed to veterinarians retailers, livestock producers and animal health product distributors; and

Rodenticides, disinfectants and insecticides to assist in the control of rodents, insects and disease in and around agricultural, food production and other facilities.

Revenues for our products are recognized and invoiced when the product is shipped to the customer.

Service revenue consists primarily of:

Genomic identification and related interpretive bioinformatic services; and

Other commercial laboratory services.

Revenues for our genomics and commercial laboratory services are recognized and invoiced when the applicable laboratory service is performed and the results are conveyed to the customer.

Payment terms for products and services are generally 30 to 60 days.

The following table presents disaggregated revenue by major product and service categories for the three and nine months ended February 28, 2019 and 2018:

	<b>Three Months Ended</b>		<b>Nine Months Ended</b>	
	<b>February 28,</b>		<b>February 28,</b>	
	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>
	<i>(in thousands)</i>		<i>(in thousands)</i>	
<b><u>Food Safety</u></b>				
Natural Toxins, Allergens & Drug Residues	\$ 18,612	\$ 16,807	\$ 58,021	\$ 54,960
Bacterial & General Sanitation	9,519	8,992	30,807	27,435
Culture Media & Other	11,893	10,179	36,302	31,353
Rodenticides, Insecticides & Disinfectants	5,953	7,359	18,521	18,175
Genomics Services	5,136	3,976	13,395	10,887

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	\$ 51,113	\$ 47,313	\$ 157,046	\$ 142,810
<b><u>Animal Safety</u></b>				
Life Sciences	\$ 1,823	\$ 2,769	\$ 5,794	\$ 7,589
Veterinary Instruments & Disposables	10,682	10,630	32,769	32,804
Animal Care & Other	6,823	7,245	22,439	22,894
Rodenticides, Insecticides & Disinfectants	13,256	14,255	48,921	49,422
Genomics Services	14,003	12,691	37,455	34,292
	\$ 46,587	\$ 47,590	\$ 147,378	\$ 147,001
<b>Total Revenues</b>	<b>\$ 97,700</b>	<b>\$ 94,903</b>	<b>\$ 304,424</b>	<b>\$ 289,811</b>

**Restatement of Previously Issued Financial Statements**

The Company has historically classified certain variable consideration components resulting from volume rebates, distributor support, and other marketing discounts as cost of revenues or sales and marketing expense in our consolidated financial statements of income. These amounts should have been classified as contra revenue in product or service revenues. The Company had determined in prior periods that the misstatements were clearly immaterial, individually and in the aggregate, to each of the reporting periods affected. The Company began properly classifying these items as contra revenues beginning in the three month period ended August 31, 2018, the first quarter of the Company's current fiscal year, and has revised the prior year's quarter and year to date periods to conform to the current period presentation. These immaterial adjustments had no impact on our operating income, income before taxes, net income or reported earnings per share, and no change to stockholders' equity.

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The effects of the revisions on the line items within our unaudited consolidated statements of income for the three and nine months ended February 28, 2018 are as follows:

	Three Months Ended February 28, 2018			Nine Months Ended February 28, 2018		
	As		As	As		As
	Previously Reported	Adjustments (in thousands)	Revised	Previously Reported	Adjustments (in thousands)	Revised
<b>Revenues</b>						
Product revenues	\$ 78,142	\$ (958)	\$ 77,184	\$ 244,298	\$ (3,098)	\$ 241,200
Service revenues	17,750	(31)	17,719	48,667	(56)	48,611
<b>Total revenues</b>	<b>95,892</b>	<b>(989)</b>	<b>94,903</b>	<b>292,965</b>	<b>(3,154)</b>	<b>289,811</b>
<b>Cost of revenues</b>						
Cost of product revenues	40,352	(69)	40,283	124,785	(265)	124,520
Cost of service revenues	10,019		10,019	27,517		27,517
<b>Total cost of revenues</b>	<b>50,371</b>	<b>(69)</b>	<b>50,302</b>	<b>152,302</b>	<b>(265)</b>	<b>152,037</b>
<b>Gross margin</b>	<b>45,521</b>	<b>(920)</b>	<b>44,601</b>	<b>140,663</b>	<b>(2,889)</b>	<b>137,774</b>
<b>Operating expenses</b>						
Sales and marketing	17,492	(920)	16,572	52,331	(2,889)	49,442
<b>Total operating expenses</b>	<b>29,608</b>	<b>(920)</b>	<b>28,688</b>	<b>90,328</b>	<b>(2,889)</b>	<b>87,439</b>
<b>Operating income</b>	<b>15,913</b>		<b>15,913</b>	<b>50,335</b>		<b>50,335</b>

Presented below are the effects of the revisions on the line items within our previously issued consolidated statements of income for the years ended May 31, 2018 and 2017. Revised consolidated statements of income related to these periods are presented in this Form 10-Q and the Form 10-K to be filed in the succeeding period of this fiscal year.

	Year Ended May 31, 2018			Year Ended May 31, 2017		
	As		As	As		As
	Previously Reported	Adjustments (in thousands)	Revised	Previously Reported	Adjustments (in thousands)	Revised
<b>Revenues</b>						
Product revenues	\$ 335,554	\$ (4,266)	\$ 331,288	\$ 306,512	\$ (3,390)	\$ 303,122
Service revenues	66,698	(56)	66,642	55,082	73	55,155
<b>Total revenues</b>	<b>402,252</b>	<b>(4,322)</b>	<b>397,930</b>	<b>361,594</b>	<b>(3,317)</b>	<b>358,277</b>
<b>Cost of revenues</b>						
Cost of product revenues	174,067	(342)	173,725	156,568	(273)	156,295
Cost of service revenues	37,933		37,933	33,058		33,058
<b>Total cost of revenues</b>	<b>212,000</b>	<b>(342)</b>	<b>211,658</b>	<b>189,626</b>	<b>(273)</b>	<b>189,353</b>

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Gross margin	190,252	(3,980)	186,272	171,968	(3,044)	168,924
Operating expenses						
Sales and marketing	70,909	(3,980)	66,929	62,424	(3,044)	59,380
Total operating expenses	120,058	(3,980)	116,078	107,023	(3,044)	103,979
Operating income	70,194		70,194	64,945		64,945

The revisions had no impact on our audited consolidated balance sheets as of May 31, 2018 and 2017 and no impact on our unaudited consolidated statements of equity or unaudited consolidated statements of cash flows for the three and nine month periods ended February 28, 2018.

**Table of Contents****2. INVENTORIES**

Inventories are stated at the lower of cost, determined by the first-in, first-out method, or net realizable value. The components of inventories follow:

	<b>February 28, 2019</b>	<b>May 31, 2018</b>
	<i>(in thousands)</i>	
Raw materials	\$ 38,944	\$ 36,702
Work-in-process	6,758	5,993
Finished and purchased goods	39,168	33,310
	\$ 84,870	\$ 76,005

**3. NET INCOME PER SHARE**

The calculation of net income per share attributable to Neogen Corporation follows:

	<b>Three Months Ended February 28, 2019 2018</b>		<b>Nine Months Ended February 28, 2019 2018</b>	
	<i>(in thousands, except per share amounts)</i>			
Numerator for basic and diluted net income per share:				
Net income attributable to Neogen	\$ 13,073	\$ 16,586	\$ 44,361	\$ 45,600
Denominator for basic net income per share:				
Weighted average shares	52,071	51,537	51,849	51,253
Effect of dilutive stock options	401	700	599	761
Denominator for diluted net income per share	52,472	52,237	52,448	52,014
Net income attributable to Neogen per share:				
Basic	\$ 0.25	\$ 0.32	\$ 0.86	\$ 0.89
Diluted	\$ 0.25	\$ 0.32	\$ 0.85	\$ 0.88



**Table of Contents****4. SEGMENT INFORMATION AND GEOGRAPHIC DATA**

We have two reportable segments: Food Safety and Animal Safety. The Food Safety segment is primarily engaged in the development, production and marketing of diagnostic test kits, culture media and related products used by food producers and processors to detect harmful natural toxins, foodborne bacteria, allergens and levels of general sanitation. The Animal Safety segment is primarily engaged in the development, production and marketing of products dedicated to animal safety, including a complete line of consumable products marketed to veterinarians retailer, livestock producers and animal health product distributors; this segment also provides genomic identification and related interpretive bioinformatic services. Additionally, the Animal Safety segment produces and markets rodenticides, disinfectants and insecticides to assist in the control of rodents, insects and disease in and around agricultural, food production and other facilities.

Our international operations in the United Kingdom, Mexico, Brazil, China and India originally focused on selling the Company's Food Safety products, and each of these units reports through the Food Safety segment. In recent years, these operations have expanded to offer our complete line of products and services, including those usually associated with the Animal Safety segment such as cleaners, disinfectants, rodenticides, insecticides, veterinary instruments and genomics services. These additional products and services are managed and directed by existing management and are reported through the Food Safety segment.

The accounting policies of each of the segments are the same as those described in Note 1.

Segment information follows:

	<b>Food Safety</b>	<b>Animal Safety</b>	<b>Corporate and Eliminations (1)</b>	<b>Total</b>
	<i>(in thousands)</i>			
<b>As of and for the three months ended February 28, 2019</b>				
Product revenues to external customers	\$ 44,790	\$ 32,585	\$	\$ 77,375
Service revenues to external customers	6,323	14,002		20,325
Total revenues to external customers	51,113	46,587		97,700
Operating income (loss)	8,339	7,338	(1,038)	14,639
Total assets	204,570	221,335	246,680	672,585
<b>As of and for the three months ended February 28, 2018 - Revised (2)</b>				
Product revenues to external customers	\$ 42,286	\$ 34,898	\$	\$ 77,184
Service revenues to external customers	5,027	12,692		17,719
Total revenues to external customers	47,313	47,590		94,903
Operating income (loss)	8,258	8,493	(838)	15,913
Total assets	188,075	215,371	192,155	595,601

(1)

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Includes corporate assets, consisting principally of cash and cash equivalents, marketable securities, current and deferred tax accounts and overhead expenses not allocated to specific business segments. Also includes the elimination of intersegment transactions.

- (2) Revenues for the three months ended February 28, 2018 have been revised as discussed in Note 1. For the three months ended February 28, 2018, product revenues were reduced by \$332,000 in the Food Safety segment and \$626,000 in the Animal Safety segment; service revenues were unchanged in the Food Safety segment and were reduced by \$31,000 in the Animal Safety segment.

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	<b>Food Safety</b>	<b>Animal Safety</b>	<b>Corporate and Eliminations (1)</b>	<b>Total</b>
	<i>(in thousands)</i>			
<b>For the nine months ended February 28, 2019</b>				
Product revenues to external customers	\$ 139,979	\$ 109,918	\$	\$ 249,897
Service revenues to external customers	17,067	37,460		54,527
Total revenues to external customers	157,046	147,378		304,424
Operating income (loss)	29,554	23,101	(3,291)	49,364
<b>For the nine months ended February 28, 2018 - Revised (2)</b>				
Product revenues to external customers	\$ 128,491	\$ 112,709	\$	\$ 241,200
Service revenues to external customers	14,319	34,292		48,611
Total revenues to external customers	142,810	147,001		289,811
Operating income (loss)	25,704	27,691	(3,060)	50,335

(1) Includes the elimination of intersegment transactions.

(2) Revenues for the nine months ended February 28, 2018 have been revised as discussed in Note 1. For the nine months ended February 28, 2018, product revenues were reduced by \$1,130,000 in the Food Safety segment and \$1,968,000 in the Animal Safety segment; service revenues were unchanged in the Food Safety segment and reduced by \$56,000 in the Animal Safety segment.

The following table presents the Company's revenue disaggregated by geographic location:

	<b>Three Months ended February 28,</b>		<b>Nine Months Ended February 28,</b>	
	<b>2019</b>	<b>2018</b>	<b>2019</b>	<b>2018</b>
	<i>(in thousands)</i>		<i>(in thousands)</i>	
<b>Revenues by Geographic Location</b>				
Domestic	\$ 57,422	\$ 57,825	\$ 182,298	\$ 180,414
International	40,278	37,078	122,126	109,397
Total revenue	97,700	94,903	304,424	289,811

**Table of Contents****5. EQUITY COMPENSATION PLANS**

Qualified and non-qualified options to purchase shares of common stock may be granted to directors, officers and employees of the Company under the terms of our stock option plans. These options are granted at an exercise price of not less than the fair market value of the stock on the date of grant. Options vest ratably over three and five year periods and the contractual terms are generally five or ten years. A summary of stock option activity during the nine months ended February 28, 2019 follows:

	<b>Shares</b>	<b>Weighted- Average Exercise Price</b>
Options outstanding June 1, 2018	2,497,124	\$ 42.63
Granted	526,750	62.92
Exercised	(418,598)	30.76
Forfeited	(105,835)	46.50
Options outstanding February 28, 2019	2,499,441	48.78

During the three and nine month periods ended February 28, 2019 and 2018, the Company recorded \$1,306,000 and \$1,026,000 and \$4,137,000 and \$3,692,000, respectively, of compensation expense related to its share-based awards.

The weighted-average fair value per share of stock options granted during fiscal years 2019 and fiscal 2018, estimated on the date of grant using the Black-Scholes option pricing model, was \$14.91 and \$14.44, respectively. The fair value of stock options granted was estimated using the following weighted-average assumptions.

	<b>FY 2019</b>	<b>FY 2018</b>
Risk-free interest rate	2.6%	1.6%
Expected dividend yield	0.0%	0.0%
Expected stock price volatility	27.0%	27.2%
Expected option life	3.5 years	4.0 years

The Company has an employee stock purchase plan that provides for employee stock purchases at a 5% discount to market price. The discount is recorded in administrative expense as of the date of purchase.

**6. BUSINESS AND PRODUCT LINE ACQUISITIONS**

The Consolidated Statements of Income reflect the results of operations for business acquisitions since the respective dates of purchase. All are accounted for using the acquisition method. Goodwill recognized in the acquisitions discussed below relates primarily to enhancing the Company's strategic platform for the expansion of available product offerings.

On September 1, 2017, the Company acquired the assets of The University of Queensland Animal Genetics Laboratory, an animal genomics laboratory located near Brisbane, Australia. This acquisition is intended to accelerate the growth of the Company's animal genomics business in Australia and New Zealand. Consideration for the purchase was \$2,063,000; \$468,000 was paid in cash on the acquisition date with the remainder due in annual installments over the next five years. The final purchase price allocation, based upon the fair value of these assets and liabilities

determined using the income approach, included inventory of \$19,000, equipment of \$419,000, non-current liabilities of \$1,629,000, intangible assets of \$902,000 (with an estimated life of 5-15 years) and the remainder to goodwill (non-deductible for tax purposes). These values are Level 3 fair value measurements. The new business, renamed Neogen Australasia, continues to operate in its current location, reporting within the Animal Safety segment.

On August 1, 2018, the Company acquired the stock of Clarus Labs, Inc., a manufacturer of water testing products. Neogen has distributed Clarus Colitag water test to the food and beverage industries since 2004 and this acquisition gives the Company access to sell this product to new markets. Consideration for the purchase was \$4,204,000 in cash and approximately \$1.3 million of contingent consideration, due semiannually for the first five years, based on an excess net sales formula. The final purchase price allocation, based upon the fair value of these assets and liabilities determined using the income approach, included inventory of \$32,000, machinery and equipment of \$120,000, accounts payable of \$53,000, contingent consideration accrual of \$1,256,000, non-current deferred tax liability of \$426,000, non-amortizable intangible assets of \$878,000, intangible assets of \$1,487,000 (with an estimated life of 5-15 years) and the remainder to goodwill (non-deductible for tax purposes). These values are Level 3 fair value measurements. In February 2019, \$90,000 was paid to the former owners as contingent consideration from the accrual. Manufacturing of these products was moved to the Company's Lansing, Michigan location in October 2018, reporting within the Food Safety segment.

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On September 4, 2018, the Company acquired the assets of Livestock Genetic Services, LLC, a Virginia-based company that specializes in genetic evaluations and data management for cattle breeding organizations. Livestock Genetic Services has been a long-time strategic partner of Neogen and the acquisition will enhance the Company's in-house genetic evaluation capabilities. Consideration for the purchase was \$1,100,000 in cash, with \$700,000 paid at closing and \$400,000 payable to the former owner on September 1, 2019, and approximately \$385,000 of contingent consideration, payable over the next three years. The preliminary purchase price allocation, based upon the fair value of these assets and liabilities determined using the income approach, included office equipment of \$15,000, contingent consideration accrual of \$385,000, intangible assets of \$860,000 (with an estimated life of 5-15 years) and the remainder to goodwill (deductible for tax purposes). These values are Level 3 fair value measurements. Services provided by this operation are now performed at the Company's Lincoln, Nebraska location, reporting within the Animal Safety segment.

On January 1, 2019, the Company acquired the assets of Edmonton, Alberta-based Delta Genomics Centre, an animal genomics laboratory in Canada. Delta's laboratory operations were renamed Neogen Canada and the acquisition is intended to accelerate growth of the Company's animal genomics business in Canada. Consideration for the purchase was \$1,485,000 in cash. The preliminary purchase price allocation, based upon the fair value of these assets and liabilities determined using the income approach, included inventory of \$38,000, machinery and equipment of \$371,000, unearned revenue liability of \$125,000, intangible assets of \$186,000 (with an estimated life of 5 to 10 years) and the remainder to goodwill (deductible for tax purposes). These values are Level 3 fair value measurements. Services provided by this operation continue to be performed in its current location, reporting within the Animal Safety segment.

**7. LONG TERM DEBT**

We have a financing agreement with a bank providing for a \$15,000,000 unsecured revolving line of credit, which was amended on November 30, 2018 to extend the maturity from September 30, 2019 to September 30, 2021. There were no advances against the line of credit during fiscal 2018 and there have been none thus far in fiscal 2019; there was no balance outstanding at February 28, 2019. Interest on any borrowings is LIBOR plus 100 basis points (rate under the terms of the agreement was 3.58% at February 28, 2019). Financial covenants include maintaining specified levels of tangible net worth, debt service coverage, and funded debt to EBITDA, each of which the Company was in compliance with at February 28, 2019.

**8. COMMITMENTS AND CONTINGENCIES**

The Company is involved in environmental remediation and monitoring activities at its Randolph, Wisconsin manufacturing facility and accrues for related costs when such costs are determined to be probable and estimable. The Company expenses annual costs of remediation, which have ranged from \$38,000 to \$74,000 per year over the past five years. The Company's estimated liability for these costs was \$916,000 at February 28, 2019 and May 31, 2018, measured on an undiscounted basis over an estimated period of 15 years; \$100,000 of the liability is recorded within current liabilities, and the remainder is recorded within other non-current liabilities on the consolidated balance sheets. During the second quarter of fiscal 2019, the Company's environmental consultant performed an updated Corrective Measures Study on the Randolph site, per a request from the Wisconsin Department of Natural Resources. Based on the results of the study, the Company plans to continue the current remediation and monitoring program, with no changes proposed.

The Company is subject to certain legal and other proceedings in the normal course of business that, in the opinion of management, should not have a material effect on its future results of operations or financial position.

## **9. STOCK PURCHASE**

In October 2018, the Company's Board of Directors passed a resolution canceling the Company's prior stock buyback program, which had been approved in December 2008, and authorized a new program to purchase, subject to market conditions, up to 3,000,000 shares of the Company's common stock. In December 2018, the Company purchased 50,000 shares under the new program in negotiated and open market transactions for a total price, including commissions, of \$3,134,727. Shares purchased under the program have been retired.

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**PART I FINANCIAL INFORMATION**

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

The information in this Management's Discussion and Analysis of Financial Condition and Results of Operations contains both historical financial information and forward-looking statements. Neogen does not provide forecasts of future financial performance. While management is optimistic about our long-term prospects, historical financial information may not be indicative of future financial results.

**Safe Harbor and Forward-Looking Statements**

Forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, are made throughout this Quarterly Report on Form 10-Q. For this purpose, any statements contained herein that are not statements of historical fact may be deemed to be forward looking statements. Without limiting the foregoing, the words believes, anticipates, plans, expects, seeks, estimates, and similar expressions are intended to identify forward-looking statements. There are a number of important factors, including competition, recruitment and dependence on key employees, impact of weather on agriculture and food production, identification and integration of acquisitions, research and development risks, patent and trade secret protection, government regulation and other risks detailed from time to time in the Company's reports on file at the Securities and Exchange Commission, that could cause Neogen Corporation's results to differ materially from those indicated by such forward-looking statements, including those detailed in this Management's Discussion and Analysis of Financial Condition and Results of Operations.

In addition, any forward-looking statements represent management's views only as of the day this Quarterly Report on Form 10-Q was first filed with the Securities and Exchange Commission and should not be relied upon as representing management's views as of any subsequent date. While management may elect to update forward-looking statements at some point in the future, it specifically disclaims any obligation to do so, even if its views change.



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**Table of Contents****Executive Overview**

Consolidated revenues were \$97.7 million in the third quarter of fiscal 2019, an increase of 3% compared to \$94.9 million in the third quarter of fiscal 2018. Organic sales in the third quarter also increased 3%. For the nine month period, consolidated revenues were \$304.4 million, an increase of 5% compared to \$289.8 million in the same period in the prior fiscal year. On a year to date basis, organic sales increased 4%.

Food Safety segment sales were \$51.1 million in the third quarter of the current fiscal year, an increase of 8% compared to \$47.3 million in the same period of the prior year. Organic sales in this segment also increased 8%, with a minor contribution from the August 1, 2018 acquisition of Clarus Labs. For the year to date, Food Safety segment sales were \$157.0 million, an increase of 10% compared to \$142.8 million in the same period of the prior fiscal year; the organic sales increase was also 10%.

Animal Safety segment sales were \$46.6 million in the third quarter of fiscal 2019, a decrease of 2% compared to \$47.6 million in the third quarter of fiscal 2018. Organic sales in this segment decreased 3% in the third quarter, with minor contributions from the September 1, 2018 acquisition of Livestock Genetic Services and the January 1, 2019 acquisition of Delta Genomics. For the nine month period, Animal Safety segment sales were \$147.4 million, flat compared to \$147.0 million in the same period a year ago. Year to date organic sales decreased 1%, after excluding three months of the September 1, 2017 acquisition of Neogen Australasia, six months of the Livestock Genetic Services acquisition and two months of the Delta Genomics acquisition.

International sales in the third quarter of fiscal 2019 were 41% of total sales compared to 39% of total sales in the third quarter of fiscal 2018. For the year to date, fiscal 2019 international sales were 40% of total sales compared to 38% of total sales in the same period of the prior year.

Our effective tax rate in the third quarter was 21.4% compared to an effective tax rate of 4.1% in the prior year third quarter; the fiscal 2019 year to date effective tax rate was 17.0% compared to the year to date effective tax rate of 14.7% in the prior fiscal year. The U.S. statutory rate is 21% in the current fiscal year and was 35% from June 1, 2017 until December 22, 2017, with the remainder of the prior fiscal year third quarter taxed at 21%. Differences from the statutory rate are primarily due to tax deductions resulting from stock option exercises, provisions included in the corporate tax reform, and state and local taxes. Additionally, the third quarter of the prior year included a favorable adjustment to income tax expense to adjust deferred tax balances due to the decrease in the U.S. statutory tax rate.

Net income for the quarter ended February 28, 2019 was \$13.1 million, or \$0.25 per diluted share, a decrease of 21% compared to \$16.6 million, or \$0.32 per share in the same period in the prior year. For the year to date, net income was \$44.4 million, or \$0.85 per diluted share, a decrease of 6% compared to prior year to date net income of \$45.6 million, or \$0.88 per share.

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Cash provided from operating activities in the first nine months of fiscal 2019 was \$43.0 million, compared to \$46.6 million in the first three quarters of fiscal 2018.

Neogen's results reflect an increase in international sales of 9% in the third quarter of fiscal 2019 and 12% for the year to date, each compared to the same respective period in the prior year. We continue to focus on increasing our presence and market share throughout the world, while also integrating recent international acquisitions into our product portfolio. Sales fluctuations in the three and nine month periods of fiscal 2019 compared to the same respective periods in the prior year are as follows for each of our international locations:

	Three Months Ended		Nine Months Ended	
	February 28, 2019		February 28, 2019	
	Revenue % Increase/(Decrease) USD	Revenue % Increase/(Decrease) Local Currency	Revenue % Increase USD	Revenue % Increase Local Currency
Neogen Europe (including Lab M & Quat-Chem)	11%	18%	12%	15%
Neogen do Brasil (including Deoxi & Rogama)	(9)%	5%	10%	31%
Neogen Latinoamerica	19%	22%	12%	17%
Neogen China	9%	15%	6%	9%
Neogen India	94%	115%	86%	104%

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Currency translations reduced revenues by approximately \$2.5 million in the third quarter of fiscal 2019 compared to the same quarter a year ago, primarily due to increased strength of the U.S. dollar relative to the Brazilian real, the British pound, the Australian dollar and the Mexican peso. For the year to date, currency translations reduced revenues by approximately \$5.8 million compared to the prior year.

The increase in revenues at Neogen Europe for the third quarter of fiscal 2019 was led by an 18% increase in sales of genomics services, primarily in the porcine and bovine markets; genomics sales increased 24% for the year to date. Neogen Europe continues to have strong sales of test kits to detect deoxynivalenol (DON) in grain, due to increased testing after a DON outbreak in France's wheat crops in the fall of 2018. At Neogen do Brasil, sales of natural toxins test kits increased 36% and 64% for the three and nine months, respectively, both compared to the same periods a year ago, as we gained significant new business testing for the presence of aflatoxin in corn. Sales of forensic test kits increased significantly in the third quarter and year to date over the prior year periods due to business that shifted from U.S. labs to labs in Brazil and increased demand from commercial laboratories located in Brazil. Neogen Latinoamerica's third quarter sales increase of 19% was led by a 64% increase in sales of AccuPoint sanitation monitoring products, due to increased market share.

Service revenue was \$20.3 million in the third quarter of fiscal 2019, an increase of 15% over prior year third quarter revenues of \$17.7 million, including minor contributions from the acquisitions of Livestock Genetics Services and Delta Genomics. For the nine month period, service revenue was \$54.5 million, an increase of 12% over prior year revenues of \$48.6 million. Year to date revenues were aided by the Livestock Genetics Services and Delta Genomics acquisitions and the September 2017 acquisition of Neogen Australasia. The growth was led by increases in sales of genomic services to the global beef markets, and porcine and bovine markets in Europe.

**Table of Contents****Revenues**

	<b>Three Months Ended February 28,</b>			
	<b>2019</b>	<b>2018</b>	<b>Increase/ (Decrease)</b>	<b>%</b>
	<i>(in thousands)</i>			
<b><u>Food Safety</u></b>				
Natural Toxins, Allergens & Drug Residues	\$ 18,612	\$ 16,807	\$ 1,805	11%
Bacterial & General Sanitation	9,519	8,992	527	6%
Culture Media & Other	11,893	10,179	1,714	17%
Rodenticides, Insecticides & Disinfectants	5,953	7,359	(1,406)	(19)%
Genomics Services	5,136	3,976	1,160	29%
	\$ 51,113	\$ 47,313	\$ 3,800	8%
<b><u>Animal Safety</u></b>				
Life Sciences	\$ 1,823	\$ 2,769	\$ (946)	(34)%
Veterinary Instruments & Disposables	10,682	10,630	52	0%
Animal Care & Other	6,823	7,245	(422)	(6)%
Rodenticides, Insecticides & Disinfectants	13,256	14,255	(999)	(7)%
Genomics Services	14,003	12,691	1,312	10%
	\$ 46,587	\$ 47,590	\$ (1,003)	(2)%
<b>Total Revenues</b>	<b>\$ 97,700</b>	<b>\$ 94,903</b>	<b>\$ 2,797</b>	<b>3%</b>

	<b>Nine Months Ended February 28,</b>			
	<b>2019</b>	<b>2018</b>	<b>Increase/ (Decrease)</b>	<b>%</b>
	<i>(in thousands)</i>			
<b><u>Food Safety</u></b>				
Natural Toxins, Allergens & Drug Residues	\$ 58,021	\$ 54,960	\$ 3,061	6%
Bacterial & General Sanitation	30,807	27,435	3,372	12%
Culture Media & Other	36,302	31,353	4,949	16%
Rodenticides, Insecticides & Disinfectants	18,521	18,175	346	2%
Genomics Services	13,395	10,887	2,508	23%
	\$ 157,046	\$ 142,810	\$ 14,236	10%
<b><u>Animal Safety</u></b>				
Life Sciences	\$ 5,794	\$ 7,589	\$ (1,795)	(24)%
Veterinary Instruments & Disposables	32,769	32,804	(35)	0%
Animal Care & Other	22,439	22,894	(455)	(2)%
Rodenticides, Insecticides & Disinfectants	48,921	49,422	(501)	(1)%
Genomics Services	37,455	34,292	3,163	9%
	\$ 147,378	\$ 147,001	\$ 377	0%

<b>Total Revenues</b>	\$ 304,424	\$ 289,811	\$ 14,613	5%
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**Table of Contents****Food Safety**

**Natural Toxins, Allergens & Drug Residues** Sales in this category increased 11% and 6% for the three and nine month periods ended February 28, 2019, respectively, compared to the same periods in the prior year. For the third quarter, natural toxin test kit revenues increased 17%, due to new business for aflatoxin test kits in Brazil and DON test kits in the U.S. and France, the result of mild outbreaks. Sales of drug residue test kits, including dairy antibiotics, increased 8% and sales of our allergens product line increased 7%. For the year to date period, natural toxin test kit sales increased 12%, sales of our allergens product line increased 6% and sales of drug residue test kits decreased 7%, the result of lower demand in Europe.

**Bacterial & General Sanitation** Revenues in this category increased 6% in the third quarter and 12% for the year to date, both compared to the same periods in the prior year. In the third quarter, sales of test kits to detect pathogens increased 16%, and rose 27% for the year to date, as we continued to gain new business with our *Listeria* Right Now test kit that launched in fiscal 2018, and sales of our AccuPoint sanitation monitoring product line increased 11% for both the quarter and year to date periods. Sales of products to detect spoilage organisms in processed foods decreased 6% in the third quarter, due to higher equipment placements in the prior year; for the nine month period, sales of this product line increased 7%.

**Culture Media & Other** Sales in this category increased 17% in the quarter ended February 28, 2019 compared to the third quarter in the prior year; the year to date increase is 16%. In the third quarter, sales of Neogen Culture Media, formerly marketed as the Acumedia and Lab M brands, increased 5%, aided in part by the August 2018 acquisition of Clarus Labs, which consists of the Colitag product and reports in the culture media product line. This category also includes forensic test kits sold within Brazil, which increased significantly in both the third quarter and for the year to date periods due to a shift in business from labs in the U.S. to labs in Brazil and increased demand from commercial laboratories in that country.

**Rodenticides, Insecticides & Disinfectants** Revenues in this category decreased 19% in the third quarter of fiscal 2019 compared to the same period a year ago, due to a large one-time sale in the prior year at Rogama in Brazil resulting from a government contract. Partially offsetting this were increases of disinfectant sales to customers in Europe, China and India. Year to date revenues increased 2%.

**Genomics Services** Sales in this category increased 29% and 23% for the three and nine month periods, ended February 28, 2019, respectively. The increase for both the third quarter and year to date periods was primarily from higher sales in the European porcine and bovine markets; additionally, the third quarter benefited from a large research project with the Brazilian government.

**Animal Safety**

**Life Sciences** Sales in this category decreased 34% in the third quarter, as compared to the same period in the prior year, as approximately \$740,000 of forensic test kit sales shifted to our operations in Brazil, which are reported in the Food Safety Segment. The products were formerly served by our Animal Safety operation in Lexington, KY. Additionally, revenues for two large customers in the forensics market were down in the third quarter due to order timing. For the year to date, the decrease in this product line was 24%.

**Veterinary Instruments & Disposables** Revenues in this category were flat compared to the prior year, for both the three and nine month periods ended February 28, 2019. Protective wear and consumables sales decreased 36% in the third quarter, resulting from continued poor economic conditions in the commercial dairy production market; this decline was offset by a 12% increase in veterinary instruments sales, led by strength in needles and syringes.

**Animal Care & Other** Sales of these products decreased 6% in the third quarter and 2% for the year to date. Promotional programs with distributors are recorded as a contra revenue within this category. In the third quarter of the current fiscal year, several annual promotional programs ended and the final adjustments to estimates previously recorded resulted in a higher reduction of revenues than in the prior year. Partially offsetting these adjustments was a 13% increase in sales of vaccines.

**Rodenticides, Insecticides & Disinfectants** Revenues in this category decreased 7% and 1% for the three and nine month periods ended February 28, 2019, respectively. In the third quarter, rodenticide sales decreased 28%, the result of poor weather conditions causing lower demand and a weak U.S. animal protein market partially caused by tariff issues; the year to date decrease was 6% due to the loss of toll manufacturing business from the first half of the prior year. Also in the third quarter, cleaner and disinfectant sales grew 18% due to increased demand from international customers. For the year to date, cleaner and disinfectant sales increased 4%.

**Genomics Services** Sales in this category increased 10% in the third quarter and 9% for the year to date period, both compared to the prior year. The third quarter increase included minor contributions from the Livestock Genetics and Delta Genomics acquisitions while the year to date increase included those acquisitions and three months of sales from the September 2017 acquisition of Neogen Australasia. For both the three and nine month periods, growth in the beef cattle and companion animal markets was offset by revenue

decreases in U.S. poultry and porcine markets, despite increases in sample volumes, resulting from a shift to lower priced chips and services.

**Table of Contents****Gross Margin**

Gross margin was 45.7% in the third quarter of fiscal 2019 compared to 47.0% in the same quarter a year ago. The decline in gross margin for the three month period is due to stronger growth in our international markets, which were adversely impacted by currency fluctuations, and a shift in product mix within both the Food Safety and the Animal Safety segments, with higher revenue increases on product lines with lower gross margins than the historical averages within these segments. Gross margin for the nine month period ended February 28, 2019 was 46.4% compared to 47.5% in the same period of the prior year, for the same reasons.

**Operating Expenses**

Operating expenses were \$30.0 million in the third quarter of fiscal 2019, compared to \$28.7 million in the same quarter of the prior year, an increase of \$1.3 million, or 5%. Sales and marketing expenses increased 1%, as increases in shipping and contracted services were almost entirely offset by lower promotional and advertising expenses. For the year to date, sales and marketing expenses have increased 6%. General and administrative expense increased \$738,000, or 8%, for the third quarter, resulting from increases in share-based compensation expense, legal and professional fees, and training costs. For the year to date, general and administrative expenses have risen by 4%. Research and development expense increased \$413,000, or 15%, primarily the result of contracted services supporting new product development. For the year to date, research and development expense has increased 4%, and overall operating expenses for the Company increased \$4.6 million, or 5%.

**Operating Income**

Operating income was \$14.6 million in the third quarter of fiscal 2019, compared to \$15.9 million in the same period of the prior year; year to date operating income was \$49.4 million compared to \$50.3 million in the prior year. Expressed as a percentage of sales, operating income was 15.0% for the third quarter of fiscal 2019 compared to 16.8% in last year's third quarter; for the year to date, operating income was 16.2%, compared to 17.4%, respectively, in the prior fiscal year. The decline in operating margin percentage for each period in the current fiscal year was primarily the result of the lower gross margin percentage, and to a lesser extent, operating expenses which rose at a rate greater than or equal to the rate of revenue growth.

**Other Income**

<i>(dollars in thousands)</i>	<b>Three Months Ended</b>		<b>Nine Months Ended</b>	
	<b>February 28, 2019</b>	<b>February 28, 2018</b>	<b>February 28, 2019</b>	<b>February 28, 2018</b>
Interest income (net of expense)	\$ 1,335	\$ 524	\$ 3,290	\$ 1,322
Foreign currency transactions	104	179	(354)	1,140
Royalty income			60	78
Deoxi contingent consideration		(49)	(9)	(148)
Quat-Chem contingent consideration		255	422	255
Other	545	459	688	588
<b>Total Other Income</b>	<b>\$ 1,984</b>	<b>\$ 1,368</b>	<b>\$ 4,097</b>	<b>\$ 3,235</b>

**Income Tax Expense**



Income tax expense in the third quarter of fiscal 2019 was \$3.6 million, an effective tax rate of 21.4% compared to \$0.7 million, an effective tax rate of 4%, in the same period of the prior year. In the third quarter of the prior year, the Company recorded favorable tax adjustments totaling \$2.9 million as the result of corporate tax reform enacted in December 2017, which reduced the U.S. statutory income tax rate from 35% to 21%. For the first nine months of fiscal 2019, income tax expense was \$9.1 million compared to \$7.9 million in the prior year; the year to date effective tax rate was 17.0%, compared to an effective tax rate of 14.7% in the prior fiscal year. For the year to date period, the Company recorded a total credit of \$3.0 million to federal income tax expense for tax benefits resulting from the exercise of stock options, compared to \$3.4 million in the prior year. In the first half of fiscal 2018, the Company also reversed a total of \$816,000 from its reserve for uncertain tax positions, which had been accrued in prior fiscal years, with a corresponding credit to federal income tax expense, due to the conclusion of an IRS audit for fiscal years 2014, 2015, and 2016.

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### **Net Income**

Net income was \$13.1 million in the third quarter of fiscal 2019, compared to \$16.6 million in the same period in the prior year. Earnings in the prior year quarter were favorably impacted by the lower tax expense resulting from the corporate tax reform and revaluation of deferred tax balances in that quarter. For the year to date, net income was \$44.4 million, compared to \$45.6 million in the same period last year; the \$1.2 million decline was due to the lower tax expense in the prior year.

### **Financial Condition and Liquidity**

The overall cash, cash equivalents and marketable securities position of Neogen was \$246.7 million at February 28, 2019, compared to \$210.8 million at May 31, 2018. Approximately \$43.0 million was generated from operations during the first nine months of fiscal 2019. Net cash proceeds of \$13.8 million were realized from the exercise of stock options and issuance of shares under our Employee Stock Purchase Plan during the first nine months of fiscal 2019. We spent \$11.9 million for property, equipment and other non-current assets in the first nine months of fiscal 2019.

Net accounts receivable balances were \$80.0 million at February 28, 2019, an increase of \$0.9 million, compared to \$79.1 million at May 31, 2018. Days sales outstanding, a measurement of the time it takes to collect receivables, were 68 days at February 28, 2019, compared to 63 days at November 30, 2018, 64 days at August 31, 2018 and 60 days at May 31, 2018; the increase in the current year is primarily attributable to the higher levels of sales at our international operations, which generally take more time to collect. All customer accounts are actively managed and no losses in excess of amounts reserved are currently expected.

Net inventory balances were \$84.9 million at February 28, 2019, an increase of \$8.9 million, or 12%, compared to a May 31, 2018 balance of \$76.0 million; the increase is due to lower than forecasted sales at the end of the quarter, and to higher levels necessary to support the business. We actively monitor our inventory levels and balance the need for adequate levels of product availability to minimize backorders with a desire to improve inventory turnover and efficiency levels. We have continued with our active programs to improve our turnover in fiscal 2019.

Inflation and changing prices are not expected to have a material effect on operations, as management believes it will continue to be successful in offsetting increased input costs with price increases and/or efficiency improvements.

Management believes that our existing cash and marketable securities balances at February 28, 2019, along with available borrowings under our credit facility and cash expected to be generated from future operations, will be sufficient to fund activities for the foreseeable future. However, existing cash and borrowing capacity may not be sufficient to meet our cash requirements to commercialize products currently under development or its plans to acquire other organizations, technologies or products that fit within our mission statement. Accordingly, we may choose to issue equity securities or enter into other financing arrangements for a portion of our future financing needs.

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**PART I FINANCIAL INFORMATION**

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

We have interest rate and foreign exchange rate risk exposure but no long-term fixed rate investments or borrowings. Our primary interest rate risk is due to potential fluctuations of interest rates for variable rate borrowings (no long-term borrowings at February 28, 2019) and short-term investments.

Foreign exchange risk exposure arises because we market and sell our products throughout the world. Revenues in certain foreign countries as well as certain expenses related to those revenues are transacted in currencies other than the U.S. dollar. Our operating results are exposed to changes in exchange rates between the U.S. dollar and the British pound sterling, the euro, the Brazilian real, the Mexican peso, the Chinese yuan, the Australian dollar, and to a lesser extent, the Indian rupee and the Canadian dollar. When the U.S. dollar weakens against foreign currencies, the dollar value of revenues denominated in foreign currencies increases. When the U.S. dollar strengthens, the opposite situation occurs. Additionally, previously recognized revenues in the course of collection can be affected positively or negatively by changes in exchange rates. The Company enters into forward contracts to help mitigate the economic impact of fluctuations in certain currency exchange rates. These contracts are adjusted to fair value through earnings.

Neogen has assets, liabilities and operations outside of the United States, located in Scotland, England, Brazil, Mexico, China, India, Canada, and Australia where the functional currency is the British pound sterling, Brazilian real, Mexican peso, Chinese yuan, Indian rupee, Canadian dollar and the Australian dollar, respectively, and transacts business throughout Europe in the euro. The Company's investments in foreign subsidiaries are considered to be long-term.

**PART I FINANCIAL INFORMATION**

**Item 4. Controls and Procedures**

**Evaluation of Disclosure Controls and Procedures**

An evaluation of the effectiveness of the design and operation of our disclosure controls and procedures as of February 28, 2019 was carried out under the supervision and with the participation of the Company's management, including the President & Chief Executive Officer and the Vice President & Chief Financial Officer (the Certifying Officers). Based on the evaluation, the Certifying Officers concluded that the Company's disclosure controls and procedures are effective.

**Changes in Internal Control over Financial Reporting**

No changes in our controls over financial reporting were identified as having occurred during the quarter ended February 28, 2019 that have materially affected, or are reasonably likely to materially affect, internal control over financial reporting.

**Table of Contents****PART II OTHER INFORMATION****Item 1. Legal Proceedings**

Subsequent to the end of the third quarter, the Company settled a dispute with PerkinElmer, Bioo Scientific and Richard E. Calk, Jr., the former President and Chief Operating Officer of Neogen, regarding non-compliance with the terms of Mr. Calk's non-competition agreement following his departure from Neogen in September, 2017. Per the terms of a court order, entered into on March 15, 2019, Mr. Calk was ordered to strictly comply with the non-competition clause of his separation agreement with the Company through September 1, 2019, and PerkinElmer and Bioo Scientific are prohibited from either directly or indirectly rehiring or engaging Mr. Calk for a period of 18 months.

The Company is subject to other legal and other proceedings in the normal course of business. In the opinion of management, the outcomes of these matters are not expected to have a material effect on the Company's future results of operations or financial position.

**Item 2. Unregistered Sales of Equity Securities and Use of Proceeds****Purchases of Equity Securities by the Issuer**

The following table summarizes shares repurchased pursuant to our share repurchase program during the three months ended February 28, 2019 (in thousands except for price per share):

<b>Period</b>	<b>Total Number of Shares Purchased</b>	<b>Average Price Paid per Share</b>	<b>Total Number of Shares Purchased as Part of Publicly Announced Programs</b>	<b>Approximate Number of Shares that May Yet Be Purchased Under the Programs</b>
December 1, 2018 - December 31, 2018	50	\$ 62.69	50	2,950
January 1, 2019 - January 31, 2019				
February 1, 2019 - February 28, 2019				
<b>Total</b>	<b>50</b>	<b>\$ 62.69</b>	<b>50</b>	<b>2,950</b>

**Item 6. Exhibits**

## (a) Exhibit Index

3 Articles of Incorporation, as restated (incorporated by reference to Exhibit 3 to the registrant's Form 10-Q filed on December 28, 2018)

- 10 Amended and Restated Credit Agreement dated as of November 30, 2018 between Registrant and JPMorgan Chase N.A. (incorporated by reference to Exhibit 10.A to the registrant's Form 8-K filed on December 6, 2018).
  - 31.1 Certification of Chief Executive Officer pursuant to Rule 13a-14(a).
  - 31.2 Certification of Chief Financial Officer pursuant to Rule 13a-14(a).
  - 32 Certification pursuant to 18 U.S.C. section 1350
  - 101.INS XBRL Instance Document
  - 101.SCH XBRL Taxonomy Extension Schema Document
  - 101.CAL XBRL Taxonomy Extension Calculation Linkbase Document
  - 101.DEF XBRL Taxonomy Extension Definition Document
  - 101.LAB XBRL Taxonomy Extension Label Linkbase Document
  - 101.PRE XBRL Taxonomy Extension Presentation Linkbase Document
- Items 1A, 2, 3, 4, and 5 are not applicable or removed or reserved and have been omitted.**

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**SIGNATURES**

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

Dated: March 29, 2019

NEOGEN CORPORATION  
*(Registrant)*

Dated: March 29, 2019

/s/ John E. Adent  
John E. Adent  
President & Chief Executive Officer  
(Principal Executive Officer)

/s/ Steven J. Quinlan  
Steven J. Quinlan  
Vice President & Chief Financial Officer  
(Principal Financial Officer and Principal  
Accounting Officer)