

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

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the quarterly period ended March 31, 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: 001-36272



Element Solutions Inc

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

37-1744899

(I.R.S. Employer Identification No.)

**500 East Broward Boulevard, Suite 127
Fort Lauderdale, Florida**

(Address of principal executive offices)

33394

(Zip Code)

Registrant's telephone number, including area code: **(561) 207-9600**

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, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" 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

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practical date.

Class
Common Stock, par value \$0.01 per share

April 26, 2019
257,553,622 shares

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GLOSSARY OF DEFINED TERMS

Terms	Definitions
<i>Element Solutions; We; Us; Our; the Company</i>	Element Solutions Inc, a Delaware corporation, and, where the context requires, its subsidiaries or operating businesses.
<i>Arysta</i>	Arysta LifeScience Inc., parent company of the former Agricultural Solutions segment.
<i>Arysta Sale</i>	Sale of 100% of the issued and outstanding shares of common stock of Arysta and its subsidiaries to UPL for an aggregate purchase price of approximately \$4.2 billion in cash, subject to adjustments, completed on January 31, 2019.
<i>Arysta Sale Agreement</i>	Stock Purchase Agreement, dated July 20, 2018, as amended by Amendment Number One to Stock Purchase Agreement, dated as of January 25, 2019, related to the Arysta Sale.
<i>ASU</i>	Accounting Standards Update.
<i>Board</i>	Element Solutions' board of directors.
<i>Credit Agreement</i>	Element Solutions' Second Amended and Restated Credit Agreement, dated August 6, 2014, among, inter alia, Platform, MacDermid Holdings, LLC, MacDermid, the subsidiaries of Element Solutions and MacDermid Holdings, LLC from time to time parties thereto, the lenders from time to time parties thereto and Barclays Bank PLC, as administrative agent and collateral agent, as amended and restated from time to time.
<i>Credit Facilities</i>	First Lien Credit Facility and Revolving Credit Facility, collectively, available under the Credit Agreement.
<i>EBITDA</i>	Earnings before interest, taxes, depreciation and amortization.
<i>ESPP</i>	2014 Employee Stock Purchase Plan of Element Solutions.
<i>Exchange Act</i>	Securities Exchange Act of 1934, as amended.
<i>FASB</i>	Financial Accounting Standard Board.
<i>First Lien Credit Facility</i>	First lien credit facility available under the Credit Agreement.
<i>Founder Entities</i>	Mariposa Acquisition, LLC and Berggruen Holdings Ltd. and affiliates, collectively.
<i>GAAP</i>	Generally accepted accounting principles in the United States.
<i>MacDermid</i>	MacDermid, Incorporated, a Connecticut corporation.
<i>MacDermid Acquisition</i>	Element Solutions' acquisition on October 31, 2013 of substantially all of the equity of MacDermid Holdings, LLC, which, at the time, owned approximately 97% of MacDermid. Element Solutions acquired the remaining 3% of MacDermid on March 4, 2014, pursuant to the terms of the Exchange Agreement, dated October 25, 2013, between Element Solutions and the fiduciaries of the MacDermid, Incorporated Profit Sharing and Employee Savings Plan.
<i>New Credit Agreement</i>	Element Solutions' new Credit Agreement, dated as of January 31, 2019, among, inter alia, Element Solutions and MacDermid, as borrowers, certain subsidiaries of Element Solutions and MacDermid from time to time parties thereto, the lenders from time to time parties thereto, and Barclays Bank PLC, as administrative agent and collateral agent.
<i>NYSE</i>	New York Stock Exchange.
<i>OEM</i>	Original Equipment Manufacturer.
<i>PDH</i>	Platform Delaware Holdings, Inc., a former subsidiary of Element Solutions.
<i>PDH Common Stock</i>	Shares of common stock of PDH.
<i>Prior Senior Notes</i>	Element Solutions' 6.00% EUR Notes due 2023 and 6.50% USD Notes due 2022, collectively.
<i>Prior Senior Notes Indenture</i>	The indenture, dated as of February 2, 2015, governing the Prior Senior Notes.
<i>Quarterly Report</i>	This quarterly report on Form 10-Q for the three months ended March 31, 2019.
<i>Retaining Holder</i>	Each Holder whose equity interest of MacDermid Holdings, LLC, held immediately prior to the closing of the MacDermid Acquisition, was converted into PDH Common Stock pursuant to a Retaining Holder Securityholders' Agreement dated October 31, 2013.
<i>Revolving Credit Facility</i>	Revolving credit facility (in U.S. dollars or multicurrency) available under the Credit Agreement.
<i>SEC</i>	Securities and Exchange Commission.

GLOSSARY OF DEFINED TERMS

Terms	Definitions
<i>Series A Preferred Stock</i>	2,000,000 shares of Element Solutions' Series A convertible preferred stock held by the Founder Entities and convertible into shares of Element Solutions' common stock, on a one-for-one basis, at any time at the option of the Founder Entities.
<i>UPL</i>	UPL Corporation Ltd., a Mauritius public limited company and a wholly-owned subsidiary of UPL Limited.
<i>2018 Annual Report</i>	Element Solutions' annual report on Form 10-K for the fiscal year ended December 31, 2018, filed with the SEC on February 28, 2019.
<i>5.875% USD Notes Indenture</i>	The indenture, dated November 24, 2017, governing the 5.875% USD Notes due 2025.
<i>5.875% USD Notes due 2025</i>	Element Solutions' \$800 million aggregate principal amount of 5.875% senior notes due 2025, denominated in U.S. dollars, issued on November 24, 2017.
<i>6.00% EUR Senior Notes due 2023</i>	Element Solutions' €350,000,000 aggregate principal amount of 6.00% senior notes due 2023, denominated in euros, issued on February 2, 2015 and redeemed on February 1, 2019.
<i>6.50% USD Senior Notes due 2022</i>	Element Solutions' \$1,100,000,000 aggregate principal amount of 6.50% senior notes due 2022, denominated in U.S. dollars, issued on February 2, 2015 and redeemed on February 1, 2019.

Discontinued Operations

Unless otherwise specified, the results and disclosures presented in this Quarterly Report exclude discontinued operations. Discontinued operations relate to the former Agricultural Solutions business of Element Solutions which consisted of Arysta and its subsidiaries. Accordingly, Agricultural Solutions' assets, liabilities, operating results and cash flows for all periods presented have been classified as discontinued operations within the unaudited interim Condensed Consolidated Financial Statements. The Arysta Sale was completed on January 31, 2019. See Note 3, *Discontinued Operations*, to the unaudited interim Condensed Consolidated Financial Statements included in this Quarterly Report for further information.

Forward-Looking Statements

This Quarterly Report contains forward-looking statements that can be identified by words such as "expect," "anticipate," "project," "will," "should," "believe," "intend," "plan," "estimate," "predict," "seek," "continue," "outlook," "may," "might," "can have," "likely," "potential," "target" or "hope" and variations of such words and similar expressions. Examples of forward looking statements include, but are not limited to, statements, beliefs, projections and expectations regarding our corporate reorganization; business strategy and potential shares repurchases; cost savings and efficiencies relating to the Arysta Sale or otherwise; the impact of new accounting standards and accounting changes; our dividend policy; the effects of global economic conditions on our business and financial condition; our hedging activities; timing and outcome of environmental and legal matters; our goodwill and other intangible assets; price volatility and cost environment; our liquidity and capital resources; our funding sources; our capital expenditures; our debt; off-balance sheet arrangements and contractual obligations; general views about future operating results; our risk management programs; our business and management strategies; future prospects; and other events or developments that we expect or anticipate will occur in the future.

Forward-looking statements are not guarantees of future performance, actions or events and are subject to risks and uncertainties. If one or more of these risks or uncertainties materialize, or if management's underlying estimates, assumptions or expectations prove to be inaccurate or are unrealized, actual results may differ materially from those contemplated by these statements. A discussion of such risks and uncertainties include, without limitation, the risks set forth in Part I, Item 1A, *Risk Factors*, of our 2018 Annual Report. Any forward-looking statement made by us in this Quarterly Report is based only on information currently available to us and speaks only as of the date on which it is made. The Company undertakes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise. Please consult any further disclosures on related subjects in the Company's Form 10-K, 10-Q and 8-K reports filed with the SEC.

Non-GAAP Financial Measures

This Quarterly Report contains non-GAAP financial measures, such as operating results on a constant currency and organic basis. Non-GAAP financial measures should not be considered in isolation from, as a substitute for, or superior to, performance measures calculated in accordance with GAAP. For definitions of these non-GAAP financial measures and additional information on why we present them, their respective limitations and reconciliations to the most comparable applicable GAAP measures, see "*Non-GAAP Financial Measures*" in the Management's Discussion and Analysis of Financial Condition and Results of Operations section in Part I, Item 2, and Note 15, *Segment Information*, to the unaudited interim Condensed Consolidated Financial Statements, both included in this Quarterly Report.

PART I. FINANCIAL INFORMATION

Item 1. Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)
(dollars in millions, except per share amounts)

	Three Months Ended March 31,	
	2019	2018
Net sales	\$ 459.8	\$ 492.5
Cost of sales	261.5	281.4
Gross profit	198.3	211.1
Operating expenses:		
Selling, technical, general and administrative	142.4	140.8
Research and development	10.8	11.4
Total operating expenses	153.2	152.2
Operating profit	45.1	58.9
Other expense:		
Interest expense, net	(38.1)	(77.2)
Foreign exchange gain	27.1	7.5
Other (expense) income, net	(48.0)	11.8
Total other expense	(59.0)	(57.9)
(Loss) income before income taxes and non-controlling interests	(13.9)	1.0
Income tax benefit (expense)	10.4	(9.9)
Net loss from continuing operations	(3.5)	(8.9)
Income from discontinued operations, net of tax	27.4	46.9
Net income	23.9	38.0
Net income attributable to the non-controlling interests	(0.7)	(0.7)
Net income attributable to common stockholders	\$ 23.2	\$ 37.3
(Loss) earnings per share		
Basic from continuing operations	\$ (0.02)	\$ (0.04)
Basic from discontinued operations	0.11	0.17
Basic attributable to common stockholders	\$ 0.09	\$ 0.13
Diluted from continuing operations	\$ (0.02)	\$ (0.04)
Diluted from discontinued operations	0.11	0.17
Diluted attributable to common stockholders	\$ 0.09	\$ 0.13
Weighted average common shares outstanding		
Basic	268.2	287.9
Diluted	268.2	287.9

See accompanying notes to the Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited)
(dollars in millions)

	Three Months Ended March 31,	
	2019	2018
Net income	\$ 23.9	\$ 38.0
Other comprehensive (loss) income		
Foreign currency translation:		
Other comprehensive income before reclassifications, net of tax expense of \$0.7 and \$0.0 for the three months ended March 31, 2019 and 2018, respectively	94.2	59.2
Reclassifications, net of tax of \$0.0 for the three months ended March 31, 2019 and 2018	479.8	—
Total foreign currency translation adjustments	574.0	59.2
Pension and post-retirement plans:		
Reclassifications, net of tax of \$0.0 for the three months ended March 31, 2019 and 2018	(2.1)	—
Total pension and post-retirement plans	(2.1)	—
Derivative financial instruments:		
Other comprehensive loss before reclassifications, net of tax (benefit) expense of \$(2.4) and \$2.2 for the three months ended March 31, 2019 and 2018, respectively	(9.2)	(2.7)
Reclassifications, net of tax of \$1.4 and \$0.0 for the three months ended March 31, 2019 and 2018, respectively	(5.7)	8.8
Total unrealized (loss) gain arising on qualified hedging derivatives	(14.9)	6.1
Other comprehensive income	557.0	65.3
Comprehensive income	580.9	103.3
Comprehensive income attributable to the non-controlling interests	(40.2)	(2.2)
Comprehensive income attributable to common stockholders	\$ 540.7	\$ 101.1

See accompanying notes to the Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS
(Unaudited)
(dollars in millions)

	March 31, 2019	December 31, 2018
Assets		
Cash and cash equivalents	\$ 230.4	\$ 233.6
Accounts receivable, net of allowance for doubtful accounts of \$6.9 and \$7.7 at March 31, 2019 and December 31, 2018, respectively	380.3	382.4
Inventories	202.4	188.1
Prepaid expenses	19.9	14.3
Other current assets	53.6	42.5
Current assets of discontinued operations	115.1	1,621.3
Total current assets	<u>1,001.7</u>	<u>2,482.2</u>
Property, plant and equipment, net	263.0	266.9
Goodwill	2,191.4	2,182.6
Intangible assets, net	999.9	1,024.5
Other assets	109.5	32.9
Non-current assets of discontinued operations	6.7	3,412.4
Total assets	<u>\$ 4,572.2</u>	<u>\$ 9,401.5</u>
Liabilities and stockholders' equity		
Accounts payable	\$ 110.0	\$ 100.9
Current installments of long-term debt and revolving credit facilities	128.0	25.3
Accrued expenses and other current liabilities	138.0	189.5
Current liabilities of discontinued operations	80.1	826.8
Total current liabilities	<u>456.1</u>	<u>1,142.5</u>
Debt	1,516.5	5,350.7
Pension and post-retirement benefits	48.6	49.5
Deferred income taxes	128.5	133.0
Other liabilities	167.3	128.5
Non-current liabilities of discontinued operations	—	416.2
Total liabilities	<u>2,317.0</u>	<u>7,220.4</u>
Commitments and contingencies (Note 12)		
Stockholders' Equity		
Preferred stock - Series A	—	—
Common stock: 400.0 shares authorized (2019: 258.0 shares issued; 2018: 289.3 shares issued)	2.6	2.9
Additional paid-in capital	4,105.1	4,062.1
Treasury stock (2019: 0.5 shares; 2018: 0.3 shares)	(5.4)	(3.5)
Accumulated deficit	(1,605.5)	(1,195.4)
Accumulated other comprehensive loss	(240.1)	(756.9)
Total stockholders' equity	<u>2,256.7</u>	<u>2,109.2</u>
Non-controlling interests	(1.5)	71.9
Total equity	<u>2,255.2</u>	<u>2,181.1</u>
Total liabilities and stockholders' equity	<u>\$ 4,572.2</u>	<u>\$ 9,401.5</u>

See accompanying notes to the Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(dollars in millions)

	Three Months Ended March 31,	
	2019	2018
Cash flows from operating activities:		
Net income	\$ 23.9	\$ 38.0
Net income from discontinued operations, net of tax	27.4	46.9
Net loss from continuing operations	(3.5)	(8.9)
Reconciliation of net loss from continuing operations to net cash flows used in operating activities:		
Depreciation and amortization	38.7	40.2
Deferred income taxes	(2.0)	(0.6)
Foreign exchange gain	(33.0)	(8.6)
Other, net	75.4	(4.5)
Changes in assets and liabilities, net of acquisitions:		
Accounts receivable	2.8	(11.7)
Inventories	(14.3)	(17.0)
Accounts payable	9.5	4.9
Accrued expenses	(67.3)	(39.5)
Prepaid expenses and other current assets	(4.6)	6.1
Other assets and liabilities	(33.7)	(9.8)
Net cash flows used in operating activities of continuing operations	(32.0)	(49.4)
Cash flows from investing activities:		
Capital expenditures	(6.7)	(4.8)
Proceeds from Arysta Sale (net of cash \$148.7 million)	4,192.3	—
Proceeds from the sale of equity investment	—	25.0
Other, net	8.5	(0.8)
Net cash flows provided by investing activities of continuing operations	4,194.1	19.4
Cash flows from financing activities:		
Debt proceeds, net of discount	749.1	—
Repayments of borrowings	(4,601.0)	(0.1)
Change in lines of credit, net	95.3	52.0
Repurchase of common stock	(433.6)	—
Payment of financing fees	(39.5)	(0.6)
Other, net	(10.8)	0.2
Net cash flows (used in) provided by financing activities of continuing operations	(4,240.5)	51.5
Cash flows from discontinued operations:		
Net cash flows used in operating activities of discontinued operations	(115.9)	(111.7)
Net cash flows used in investing activities of discontinued operations	(5.0)	(12.6)
Net cash flows provided by financing activities of discontinued operations	4.8	22.7
Net cash flows used in discontinued operations	(116.1)	(101.6)
Effect of exchange rate changes on cash, cash equivalents and restricted cash	9.4	14.1
Net decrease in cash, cash equivalents and restricted cash	(185.1)	(66.0)
Cash, cash equivalents and restricted cash at beginning of period ⁽¹⁾	415.5	483.9
Cash, cash equivalents and restricted cash at end of period ⁽²⁾	\$ 230.4	\$ 417.9

⁽¹⁾ Includes cash, cash equivalents and restricted cash of discontinued operations of \$181.9 million and \$225.4 million at December 31, 2018 and 2017, respectively.

⁽²⁾ Includes cash, cash equivalents and restricted cash of discontinued operations of \$155.9 million at March 31, 2018.

See accompanying notes to the Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
(Unaudited)
(dollars in millions, except share amounts)

	Preferred Stock		Common Stock		Additional Paid-in Capital	Treasury Stock		Accumulated Deficit	Accumulated Other Comprehensive (Loss) Income	Total Stockholders' Equity	Non- controlling Interests	Total Equity
	Shares	Amount	Shares	Amount		Shares	Amount					
Balance at December 31, 2018	2,000,000	\$ —	289,316,170	\$ 2.9	\$ 4,062.1	341,967	\$ (3.5)	\$ (1,195.4)	\$ (756.9)	\$ 2,109.2	\$ 71.9	\$ 2,181.1
Net income	—	—	—	—	—	—	—	23.2	—	23.2	0.7	23.9
Other comprehensive income, net of taxes	—	—	—	—	—	—	—	—	67.4	67.4	—	67.4
Arysta Sale	—	—	—	—	(5.7)	—	—	—	463.3	457.6	(46.6)	411.0
Exercise/ vesting of share based compensation	—	—	1,592,815	—	—	170,989	(1.9)	—	—	(1.9)	—	(1.9)
Conversion of PDH Common Stock into common stock	—	—	4,019,710	0.1	41.1	—	—	—	(13.9)	27.3	(27.3)	—
Issuance of common stock under ESPP	—	—	26,398	—	0.3	—	—	—	—	0.3	—	0.3
Share repurchase	—	—	(37,000,000)	(0.4)	—	—	—	(433.3)	—	(433.7)	—	(433.7)
Equity compensation expense	—	—	—	—	7.3	—	—	—	—	7.3	—	7.3
Changes in non-controlling interests	—	—	—	—	—	—	—	—	—	—	(0.2)	(0.2)
Balance at March 31, 2019	<u>2,000,000</u>	<u>\$ —</u>	<u>257,955,093</u>	<u>\$ 2.6</u>	<u>\$ 4,105.1</u>	<u>512,956</u>	<u>\$ (5.4)</u>	<u>\$ (1,605.5)</u>	<u>\$ (240.1)</u>	<u>\$ 2,256.7</u>	<u>\$ (1.5)</u>	<u>\$ 2,255.2</u>

	Preferred Stock		Common Stock		Additional Paid-in Capital	Treasury Stock		Accumulated Deficit	Accumulated Other Comprehensive (Loss) Income	Total Stockholders' Equity	Non- controlling Interests	Total Equity
	Shares	Amount	Shares	Amount		Shares	Amount					
Balance at December 31, 2017	2,000,000	\$ —	287,405,939	\$ 2.9	\$ 4,032.0	6,618	\$ (0.1)	\$ (869.7)	\$ (422.0)	\$ 2,743.1	\$ 116.9	\$ 2,860.0
Impact of ASU 2016-01 adoption	—	—	—	—	—	—	—	(1.3)	1.3	—	—	—
Adjusted balance at January 1, 2018	<u>2,000,000</u>	<u>—</u>	<u>287,405,939</u>	<u>2.9</u>	<u>4,032.0</u>	<u>6,618</u>	<u>(0.1)</u>	<u>(871.0)</u>	<u>(420.7)</u>	<u>2,743.1</u>	<u>116.9</u>	<u>2,860.0</u>
Net income	—	—	—	—	—	—	—	37.3	—	37.3	0.7	38.0
Other comprehensive income, net of taxes	—	—	—	—	—	—	—	—	63.8	63.8	1.5	65.3
Exercise/ vesting of share based compensation	—	—	15,000	—	—	—	—	—	—	—	—	—
Conversion of PDH Common Stock into common stock	—	—	657,541	—	8.2	—	—	—	—	8.2	(8.2)	—
Issuance of common stock under ESPP	—	—	37,364	—	0.3	—	—	—	—	0.3	—	0.3
Equity compensation expense	—	—	—	—	3.1	—	—	—	—	3.1	—	3.1
Changes in non-controlling interests	—	—	—	—	—	—	—	—	—	—	0.3	0.3
Balance at March 31, 2018	<u>2,000,000</u>	<u>\$ —</u>	<u>288,115,844</u>	<u>\$ 2.9</u>	<u>\$ 4,043.6</u>	<u>6,618</u>	<u>\$ (0.1)</u>	<u>\$ (833.7)</u>	<u>\$ (356.9)</u>	<u>\$ 2,855.8</u>	<u>\$ 111.2</u>	<u>\$ 2,967.0</u>

See accompanying notes to the Condensed Consolidated Financial Statements

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
Notes to the Condensed Consolidated Financial Statements
(Unaudited)

1. BACKGROUND AND BASIS OF PRESENTATION

Background

Element Solutions was incorporated in Delaware in January 2014 and its shares of common stock, par value\$0.01 per share, trade on the NYSE under the ticker symbol “ESI.”

Element Solutions is a leading global specialty chemicals company whose operating businesses formulate a broad range of solutions that enhance the performance of products people use every day. Developed in multi-step technological processes, the innovative solutions of the Company's businesses enable customers' manufacturing processes in several key industries, including electronic circuitry, semiconductor, communications infrastructure, automotive systems, industrial surface finishing, consumer packaging and offshore energy. Element Solutions delivers its products to customers through its sales and service workforce, regional distributors and manufacturing representatives.

Basis of Presentation

The accompanying unaudited interim Condensed Consolidated Financial Statements and related information in this Quarterly Report include the accounts of Element Solutions and all of its controlled subsidiaries, and have been prepared on a basis that is substantially consistent with the accounting principles applied in the Company's 2018 Annual Report. In the opinion of management, these unaudited interim Condensed Consolidated Financial Statements reflect all adjustments that are normal, recurring and necessary for a fair presentation of the Company's financial position, results of operations and cash flows for interim periods, but are not necessarily indicative of the results of operations that may be expected for the year ending December 31, 2019. These unaudited interim Condensed Consolidated Financial Statements should be read in conjunction with the Consolidated Financial Statements and the related notes thereto included in the Company's 2018 Annual Report.

On January 31, 2019, the Company completed the Arysta Sale for an aggregate purchase price of approximately\$4.20 billion in cash, subject to certain post-closing adjustments. Agricultural Solutions' assets, liabilities, operating results and cash flows for all periods presented have been classified as discontinued operations within the unaudited interim Condensed Consolidated Financial Statements. See Note 3, *Discontinued Operations*, for additional information. Subject to the covenants, events of default and provisions discussed in Note 7, *Debt*, the Company's Prior Senior Notes, 5.875% USD Notes due 2025 and term loans then outstanding under the Credit Agreement were not required to be immediately redeemed or repaid in connection with the Arysta Sale. As such, the related liabilities and interest expense are not included in discontinued operations and therefore fully burdened continuing operations.

The process of preparing the Company's unaudited interim Condensed Consolidated Financial Statements requires the use of estimates and judgments that affect the reported amount of assets, liabilities, net sales and expenses. These estimates and judgments are based on historical experience, future expectations and other factors as well as assumptions the Company believes to be reasonable under the circumstances. These estimates and judgments are reviewed on an ongoing basis and revised as necessary. Actual amounts may differ materially from these estimates.

Certain other prior year amounts have been reclassified to conform to the current year's presentation.

2. RECENT ACCOUNTING PRONOUNCEMENTS

Recently Adopted Accounting Pronouncements

Leases (Topic 842) - In February 2016, the FASB issued ASU No. 2016-02, “*Leases*.” This ASU requires lessees to recognize most leases in their balance sheets, but to continue to record expenses on their income statements in a manner similar to current accounting. The ASU is required to be applied to leases in existence as of the date of initial application using a modified retrospective

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transition approach. The Company adopted the new standard on January 1, 2019. No cumulative-effect adjustment was required to the opening balance of retained earnings on the adoption date.

The Company made updates to its systems, policies and internal controls over financial reporting in preparation of adopting the new guidance. Upon the prospective adoption of ASC 842 during the first quarter of 2019, the Company elected the following package of transition practical expedients:

- Not to separate non-lease components from lease components and account for them as a single lease component;
- Not to reassess arrangements entered into prior to January 1, 2019 for whether an arrangement is or contains a lease, the lease classification applied or to separate initial direct costs; and
- To use hindsight in determining the lease term for lease contracts that have historically been renewed or amended.

At December 31, 2018, the Company was not a lessor to any significant lease agreements and substantially all of the leases under which the Company was a lessee were classified as operating leases under the existing ASC 840 guidance. As such, consistent with the Company's practical expedient election to not reassess lease classification, substantially all the Company's existing leases will continue to be classified as operating leases under ASC 842. As a lessee, the Company categorizes its operating leases into two general categories: real estate and other.

This new standard had no impact on the Company's Condensed Consolidated Statements of Operations or Cash Flows but its Condensed Consolidated Balance Sheet at March 31, 2019 was impacted by the recognition of right of use (ROU) assets of \$67.3 million in "Other Assets" which reflected the present value of remaining operating lease payments under existing lease arrangements, as well as current and non-current lease liabilities of \$15.9 million and \$52.5 million, reported in "Accrued expenses and other current liabilities" and "Other liabilities", respectively.

See Note 11, *Leases*, for more information.

Derivatives and Hedging (Topic 815) - In August 2017, the FASB issued ASU No. 2017-12, "*Targeted Improvements to Accounting for Hedging Activities*." This ASU improves the financial reporting of hedge relationships by updating hedging designation and measurement guidance. The update also simplifies the application of existing hedge accounting guidance related to assessing hedge effectiveness. The guidance is effective prospectively as of January 1, 2019 and is applied to contracts in existence at the date of adoption. This new guidance did not have a material impact on the Company's unaudited interim Condensed Consolidated Financial Statements.

3. DISCONTINUED OPERATIONS

On July 20, 2018, the Company agreed to sell to UPL 100% of the issued and outstanding shares of common stock of Arysta and its subsidiaries pursuant to the terms and conditions of the Arysta Sale Agreement. The Arysta Sale was completed on January 31, 2019 for an aggregate purchase price of approximately \$4.20 billion in cash, subject to certain post-closing adjustments relating to, among other things, cash, indebtedness and working capital as of the closing date.

The Company's former Agricultural Solutions business was previously its own reportable segment and has been presented for all periods as discontinued operations in this Quarterly Report as the Arysta Sale represented a significant strategic shift and was determined to have a major effect on the Company's operations and financial results. Corporate costs previously allocated to the Agricultural Solutions segment were reallocated to the remaining segments for all periods presented as these costs were not clearly identifiable as costs of the former Agricultural Solutions segment.

In the first quarter of 2019, the Company recorded a gain of \$21.3 million on the Arysta Sale, for a total loss of \$429 million, primarily due to the reclassification of foreign currency translation adjustments from "Accumulated other comprehensive loss" within Stockholders' Equity into earnings within the Condensed Consolidated Statement of Operations.

In connection with the Arysta Sale, the Company agreed to retain certain liabilities associated with legal and tax proceedings, primarily related to an Arysta subsidiary in Brazil. The Company does not expect to incur any material losses as a result of these proceedings. However, the resolutions of these matters may take several years and, to the extent not covered by insurance, may

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adversely impact our financial position or results of operations. The Company may record an additional gain or loss in the future as it settles certain post-closing adjustments and tax assets and liabilities associated with the Arysta Sale.

The following table details the components comprising net (loss) income from the Company's discontinued operations attributable to common stockholders:

<i>(dollars in millions)</i>	Three Months Ended March 31,	
	2019 ⁽¹⁾	2018
Net sales	\$ 65.3	\$ 471.6
Cost of sales	(45.5)	(278.0)
Selling, technical, general and administrative	(36.6)	(136.2)
Research and development	(4.6)	(12.1)
Gain on Arysta Sale	21.3	—
Operating (loss) profit	(0.1)	45.3
Other, net	9.3	56.7
Income from discontinued operations, before income taxes	9.2	102.0
Income tax benefit (expense)	18.2	(55.1)
Income from discontinued operations, net of tax	27.4	46.9
Net (income) loss from discontinued operations attributable to the non-controlling interests	(0.1)	0.6
Net income from discontinued operations attributable to common stockholders	\$ 27.3	\$ 47.5

⁽¹⁾ Includes activity through January 31, 2019, when the Arysta Sale was completed.

The carrying value of major classes of assets and liabilities related to the Company's discontinued operations were as follows:

<i>(dollars in millions)</i>	March 31,	December 31,
	2019	2018
Assets		
Cash and cash equivalents	\$ —	\$ 177.8
Accounts receivable, net	—	919.4
Inventories	—	369.1
Other current assets	115.1 ⁽¹⁾	155.0
Current assets of discontinued operations	\$ 115.1	\$ 1,621.3
Property, plant and equipment, net	\$ —	\$ 172.0
Goodwill	—	1,816.9
Intangible assets, net	—	1,797.7
Other assets	6.7	(374.2) ⁽²⁾
Non-current assets of discontinued operations	\$ 6.7	\$ 3,412.4
Liabilities		
Accounts payable	\$ —	\$ 365.7
Current installments of revolving credit facilities	—	52.5
Accrued expenses and other current liabilities	80.1	408.6
Current liabilities of discontinued operations	\$ 80.1	\$ 826.8
Deferred income taxes	\$ —	\$ 369.9
Other liabilities	—	46.3
Non-current liabilities of discontinued operations	\$ —	\$ 416.2

⁽¹⁾ Primarily comprised of a receivable from UPL associated with certain post-closing adjustments.

⁽²⁾ Includes the impairment loss of \$450 million on discontinued operations at December 31, 2018.

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4. INVENTORIES

The major components of inventory, on a net basis, were as follows:

<i>(dollars in millions)</i>	March 31, 2019	December 31, 2018
Finished goods	\$ 117.8	\$ 109.4
Work in process	17.0	15.3
Raw materials and supplies	67.6	63.4
Total inventories	\$ 202.4	\$ 188.1

5. PROPERTY, PLANT AND EQUIPMENT

The major components of property, plant and equipment were as follows:

<i>(dollars in millions)</i>	March 31, 2019	December 31, 2018
Land and leasehold improvements	\$ 68.0	\$ 67.8
Buildings and improvements	104.3	101.0
Machinery, equipment, fixtures and software	212.0	207.3
Construction in process	11.1	14.9
Total property, plant and equipment	395.4	391.0
Accumulated depreciation	(132.4)	(124.1)
Property, plant and equipment, net	\$ 263.0	\$ 266.9

For the three months ended March 31, 2019 and 2018, the Company recorded depreciation expense of \$10.3 million and \$11.7 million, respectively.

6. GOODWILL AND INTANGIBLE ASSETS

Goodwill

The changes in the carrying amount of goodwill were as follows:

<i>(dollars in millions)</i>	Electronics	Industrial & Specialty	Total
Balance at December 31, 2018			
Goodwill	\$ 1,226.7	\$ 1,002.5	\$ 2,229.2
Accumulated impairment losses	—	(46.6)	(46.6)
	1,226.7	955.9	2,182.6
Foreign currency translation and other	6.0	2.8	8.8
Balance at March 31, 2019			
Goodwill	1,232.7	1,005.3	2,238.0
Accumulated impairment losses	—	(46.6)	(46.6)
	\$ 1,232.7	\$ 958.7	\$ 2,191.4

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Indefinite-Lived Intangible Assets

The carrying value of indefinite-lived intangible assets other than goodwill which consisted solely of tradenames, was \$105 million and \$150 million at March 31, 2019 and December 31, 2018, respectively.

During the first quarter of 2019, the Company determined that the useful life of one of its tradenames no longer met the criteria to be considered an indefinite-lived asset and concluded no indication of impairment. Subsequently, the Company started amortizing this tradename over 15 years, consistent with other similar finite-lived assets.

Finite-Lived Intangible Assets

Intangible assets subject to amortization were as follows:

<i>(dollars in millions)</i>	March 31, 2019			December 31, 2018		
	Gross Carrying Amount	Accumulated Amortization	Net Book Value	Gross Carrying Amount	Accumulated Amortization	Net Book Value
Customer lists	\$ 931.4	\$ (301.9)	\$ 629.5	\$ 927.8	\$ (283.2)	\$ 644.6
Developed technology	382.8	(166.2)	216.6	381.3	(155.6)	225.7
Tradenames	51.1	(2.4)	48.7	5.9	(1.6)	4.3
Non-compete agreements	1.6	(1.4)	0.2	1.5	(1.3)	0.2
Total	\$ 1,366.9	\$ (471.9)	\$ 895.0	\$ 1,316.5	\$ (441.7)	\$ 874.8

For the three months ended March 31, 2019 and 2018, the Company recorded amortization expense on intangible assets of \$28.4 million and \$28.5 million, respectively.

7. DEBT

The Company's debt and capital lease obligations consisted of the following:

<i>(dollars in millions)</i>	Maturity Date	Interest Rate	March 31, 2019	December 31, 2018
Senior Notes - USD 800 million ⁽¹⁾	2025	5.875%	\$ 785.3	\$ 784.9
Senior Notes - USD 1.10 billion ⁽¹⁾	2022	6.50%	—	1,067.1
Senior Notes - EUR 350 million ⁽¹⁾	2023	6.00%	—	397.4
USD Term Loans ⁽²⁾	2026	LIBOR plus 2.25%	738.0	—
First Lien Credit Facility - USD Term Loans ⁽²⁾	2020	> of 3.50% or LIBOR plus 2.50%	—	624.3
First Lien Credit Facility - USD Term Loans ⁽²⁾	2021	> of 4.00% or LIBOR plus 3.00%	—	1,124.7
First Lien Credit Facility - Euro Term Loans ⁽²⁾	2020	> of 3.25% or EURIBOR plus 2.50%	—	666.2
First Lien Credit Facility - Euro Term Loans ⁽²⁾	2021	> of 3.50% or EURIBOR plus 2.75%	—	685.3
Borrowings under the Revolving Credit Facility	2024	LIBOR plus 2.25%	120.0	25.0
Borrowings under lines of credit			0.2	—
Other			1.0	1.1
Total debt and capital lease obligations			1,644.5	5,376.0
Less: current installments of long-term debt and revolving credit facilities			128.0	25.3
Total long-term debt and capital lease obligations			\$ 1,516.5	\$ 5,350.7

⁽¹⁾ Senior notes, net of unamortized premium, discounts and debt issuance costs of \$14.7 million and \$29.9 million at March 31, 2019 and December 31, 2018, respectively. Weighted average effective interest rate of 6.2% and 6.5% at March 31, 2019 and December 31, 2018, respectively.

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⁽²⁾ *Term loans, net of unamortized discounts and debt issuance costs of \$10.2 million and \$22.4 million at March 31, 2019 and December 31, 2018, respectively. Weighted average effective interest rate of 2.5% and 4.6% at March 31, 2019 and December 31, 2018, respectively, including the effects of interest rate swaps and net investment hedges. See Note 8, Financial Instruments, to the Company's unaudited interim Condensed Consolidated Financial Statements for further information regarding the Company's interest rate swaps and net investment hedges.*

New Credit Agreement

The Company is a party to the New Credit Agreement, which provides for senior secured credit facilities in an aggregate principal amount of \$1.08 billion, consisting of a revolving facility in an aggregate principal amount of \$330 million maturing in 2024 and a term loan in an aggregate principal amount of \$750 million maturing in 2026. On the closing date of the Arysta Sale, the \$750 million term loan was borrowed under the New Credit Agreement.

The New Credit Agreement replaced the Credit Agreement, which was terminated on January 31, 2019, the closing date of the Arysta Sale, as the Company paid down the Credit Facilities, including the First Lien Credit Facility and the Revolving Credit Facility under the Credit Agreement and expensed \$22.9 million of unamortized premiums, discounts and debt issuance costs, which was recorded in the Condensed Consolidated Statement of Operations as "Other (expense) income, net."

Borrowings under the New Credit Agreement bear interest at a rate per annum equal to a base rate, as defined in the New Credit Agreement, plus, in each case, an applicable rate equal to a spread of 1.25% with respect to Base Rate Loans and a spread of 2.25% with respect to Eurocurrency Rate Loans. The Company is required to pay a commitment fee in respect of any undrawn portion of the Revolver of 0.50% per annum, subject to a stepdown to 0.375% based on the Company's first lien net leverage ratio.

The revolving facility under the New Credit Agreement includes borrowing capacity in the form of letters of credit of up to \$100 million. In connection with the termination of the Credit Agreement and entry into the New Credit Agreement, all letters of credit outstanding on January 31, 2019 under the Credit Agreement were rolled into the New Credit Agreement.

The credit facilities under the New Credit Agreement are guaranteed, jointly and severally, by certain of the Company's domestic subsidiaries and secured by a first-priority security interest in substantially all of the assets of the borrowers and the guarantors, including mortgages on material real property, subject to certain exceptions.

Covenants, Events of Default and Provisions

The New Credit Agreement contains customary representations and warranties, and affirmative and negative covenants, including limitations on additional indebtedness, dividends, and other distributions, entry into new lines of business, use of loan proceeds, capital expenditures, restricted payments, restrictions on liens on the assets of the borrowers or any guarantor, transactions with affiliates, amendments to organizational documents, accounting changes, sale and leaseback transactions, and dispositions. If the borrowers have total outstanding borrowings under the revolver (subject to certain exceptions) in excess of 30% of the commitment amount under the revolver, the revolver requires that the Company maintain a first lien net leverage ratio of at least 5.0 to 1.0, subject to a right to cure.

The New Credit Agreement requires the borrowers to make mandatory prepayments of borrowings, subject to certain exceptions, as described in the New Credit Agreement. In addition, the New Credit Agreement contains customary events of default that include, among others, non-payment of principal, interest or fees, violation of covenants, inaccuracy of representations and warranties, failure to make payment on, or defaults with respect to, certain other material indebtedness, bankruptcy and insolvency events, material judgments and change of control provisions. Upon the occurrence of an event of default, and after the expiration of any applicable grace period, payment of any outstanding loans under the New Credit Agreement may be accelerated and the lenders could foreclose on their security interests in the assets of the borrowers and the guarantors.

At March 31, 2019, the Company was in compliance with the debt covenants contained in the credit facilities and, in accordance with applicable debt covenants, had full availability of its unused borrowing capacity of \$205 million, net of letters of credit, under the revolving facility.

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Senior Notes

Prior Senior Notes

On February 1, 2019, the Company completed the redemption of all outstanding Prior Senior Notes and, as a result, the Prior Senior Notes Indenture was terminated, releasing the Company and the guarantors named therein from their obligation under the Prior Senior Notes and the Prior Senior Notes Indenture. In connection with this redemption, the Company expensed \$44.0 million, consisting of \$29.5 million of call premiums and \$14.5 million of unamortized premiums, discounts and debt issuance costs, which was recorded in the Condensed Consolidated Statement of Operations as "Other (expense) income, net." The Company funded the redemption with a portion of the net proceeds from the Arysta Sale and a portion of the borrowings under the New Credit Agreement. The 5.875% USD Notes due 2025 were not redeemed and remain outstanding.

5.875% USD Notes due 2025

The 5.875% USD Notes due 2025 are governed by the 5.875% USD Notes Indenture which provides, among other things, for customary affirmative and negative covenants, events of default and other customary provisions. The Company has the option to redeem the 5.875% USD Notes due 2025 prior to their maturity, subject to, in certain cases, the payment of an applicable make-whole premium. The 5.875% USD Notes due 2025 are unsecured, and fully and unconditionally guaranteed on a senior unsecured basis by generally all of the Company's domestic subsidiaries that guarantee the obligations of the borrowers under the New Credit Agreement.

Lines of Credit and Other Debt Facilities

The Company has access to various revolving lines of credit, short-term debt facilities and overdraft facilities worldwide which are used to fund short-term cash needs. At March 31, 2019 and December 31, 2018, the aggregate principal amount outstanding under such facilities totaled \$120 million and \$25.0 million, respectively. The Company also had letters of credit outstanding of \$5.4 million and \$10.2 million at March 31, 2019 and December 31, 2018, respectively, of which \$5.1 million and \$9.7 million at March 31, 2019 and December 31, 2018, respectively, reduced the borrowings available under the various facilities. At March 31, 2019 and December 31, 2018, the availability under these facilities totaled approximately \$232 million and \$481 million, respectively, net of outstanding letters of credit.

8. FINANCIAL INSTRUMENTS

Derivatives and Hedging

In the normal course of business, the Company is exposed to risks relating to changes in foreign currency exchange rates, commodity prices and interest rates. Derivative financial instruments, such as foreign currency exchange forward contracts, commodities futures contracts, interest rate swaps and net investment hedges are used to manage the risks associated with changes in the conditions of those markets. All derivatives are recognized in the Condensed Consolidated Balance Sheets at fair value. The counterparties to the Company's derivative agreements are major international financial institutions. The Company continually monitors its derivative positions and the credit ratings of its counterparties and does not anticipate nonperformance on their part.

Foreign Currency

The Company conducts a significant portion of its business in currencies other than the U.S. dollar and a portion of its business in currencies other than the functional currencies of its subsidiaries. As a result, the Company's operating results are impacted by foreign currency exchange rate volatility.

At March 31, 2019, the Company held foreign currency forward contracts to purchase and sell various currencies in order to mitigate such foreign currency exposure, primarily with the U.S. dollar and euro. The Company has not designated any foreign currency exchange forward contracts as eligible for hedge accounting and, as a result, changes in the fair value of foreign currency forward contracts are recorded in the Condensed Consolidated Statements of Operations as "Other (expense) income, net." The total notional value of foreign currency exchange forward contracts held at March 31, 2019 and December 31, 2018 was approximately \$45.3 million and \$102 million, respectively, with settlement dates generally within one year.

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Commodities

As part of its risk management policy, the Company enters into commodities futures contracts for the purpose of mitigating its exposure to fluctuations in prices of certain metals used in the production of its finished goods. The Company held futures contracts to purchase and sell various metals, primarily tin and silver, with a notional value of \$51.1 million and \$28.9 million at March 31, 2019 and December 31, 2018, respectively. Substantially all contracts outstanding at March 31, 2019 had delivery dates within one year. The Company has not designated these derivatives as hedging instruments and, accordingly, records changes in their fair values in the Condensed Consolidated Statements of Operations as "Other (expense) income, net."

Unrealized gains and losses on derivative contracts are accounted for as "Operating activities" in the Condensed Consolidated Statements of Cash Flows.

Interest Rates

During the first quarter of 2019, the Company:

- Terminated and settled interest rate swaps previously entered into to effectively fix the floating base rate portion of its interest payments on approximately \$1.12 billion of prior U.S. dollar denominated debt and €276 million of prior euro denominated debt at 1.96% and 1.20%, respectively, through June 2020. Upon termination and settlement, the Company received a cash payment of \$8.2 million and reclassified \$7.1 million of income from "Accumulated other comprehensive loss" to "Other (expense) income, net" in the Condensed Consolidated Statement of Operations. Proceeds reflected as cash flows from Investing Activities on the Condensed Consolidated Statement of Cash Flows.
- Entered into interest rate swaps to effectively fix the floating rate of the interest payments associated with its new \$750 million term loan under New Credit Agreement through January 2024. These contracts were designated as a cash flow hedge. All interest payments to be paid during the last two years preceding the maturity date of this new term loan (February 2024 to January 2026) will revert back to a floating rate of interest. Proceeds reflected as cash flows from Operating Activities on the Condensed Consolidated Statement of Cash Flows.
- Entered into cross-currency swaps to effectively convert the new \$750 million term loan under the New Credit Agreement, a U.S. dollar denominated debt obligation, into fixed-rate euro-denominated debt. Under these contracts, which expire in January 2024, the Company is obligated to make periodic euro-denominated coupon payments to the hedge counterparties on an aggregate initial notional amount of €662 million, in exchange for periodic U.S. dollar-denominated coupon payments from these hedge counterparties on an aggregate initial notional amount of \$750 million. The Company has also designated these contracts as a net investment hedge of the foreign currency exposure of a portion of its net investment in its European operations. Proceeds reflected as cash flows from Operating Activities on the Condensed Consolidated Statement of Cash Flows.

The net result of the above hedges is a fixed interest rate of approximately 2.3% through January 2024.

Changes in the fair value of a derivative instrument that is designated as, and meets all the required criteria of, a cash flow hedge are recorded in "Other comprehensive (loss) income" and reclassified from "Accumulated other comprehensive loss" into earnings as the underlying hedged item affects earnings. Amounts reclassified into earnings related to interest rate swaps are included in the Condensed Consolidated Statements of Operations as "Interest expense, net." Changes in the fair value of a derivative instrument that is designated as, and meets all the required criteria of, a net investment hedge are recorded in "Foreign currency translation" in "Accumulated other comprehensive loss" offsetting the translation adjustment attributable to the hedged portion of the Company's net investment in its European operations.

For the three months ended March 31, 2019, the Company's interest rate swaps and cross-currency swaps were deemed highly effective. The Company expects to reclassify \$1.1 million of expense from "Accumulated other comprehensive loss" to "Interest expense, net" in the Condensed Consolidated Statements of Operations within the next twelve months.

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Fair Value Measurements

The following table presents the Company's financial assets and liabilities that are measured at fair value on a recurring basis:

<i>(dollars in millions)</i>	Balance sheet location	Classification	March 31, 2019	December 31, 2018
Asset Category				
Foreign exchange and metals contracts not designated as hedging instruments	Other current assets	Level 2	\$ 1.2	\$ 0.9
Interest rate swaps designated as cash flow hedging instruments	Other current assets	Level 2	—	6.5
Cross currency swaps designated as net investment hedge	Other current assets	Level 2	18.5	—
Interest rate swaps designated as cash flow hedging instruments	Other assets	Level 2	—	2.6
Available for sale equity securities	Other assets	Level 1	0.3	0.3
Total			\$ 20.0	\$ 10.3
Liability Category				
Foreign exchange and metals contracts not designated as hedging instruments	Accrued expenses and other liabilities	Level 2	\$ 0.9	\$ 1.2
Interest rate swaps designated as cash flow hedging instruments	Accrued expenses and other liabilities	Level 2	1.1	0.6
Interest rate swaps designated as cash flow hedging instruments	Other liabilities	Level 2	10.4	0.3
Cross currency swaps designated as net investment hedge	Other liabilities	Level 2	15.1	—
Long-term contingent consideration	Other liabilities	Level 3	19.8	57.4
Total			\$ 47.3	\$ 59.5

The following methods and assumptions were used to estimate the fair value of each class of the Company's financial assets and liabilities:

Derivatives - Derivative assets and liabilities include foreign currency, metals, interest rate swaps and cross currency swaps. The values are determined using pricing models based upon observable market inputs, such as market spot and futures prices on over-the-counter derivative instruments, market interest rates, and consideration of counterparty credit risk.

Available for sale equity securities - Available for sale equity securities classified as Level 1 assets are measured using quoted market prices at the reporting date multiplied by the quantity held. Available for sales equity securities classified as Level 2 assets are measured using quoted prices for similar instruments in active markets.

Long-term contingent consideration - The long-term contingent consideration represented a potential liability of up to \$100 million tied to the achievement of certain common stock trading price performance metrics and Adjusted EBITDA targets over a seven-year period ending December 2020 in connection with the MacDermid Acquisition. In the first quarter of 2019, the Company paid \$40.0 million of this liability related to the achievement of common stock performance targets, reducing the potential contingent consideration liability to \$60.0 million at March 31, 2019. Of the \$40.0 million paid in 2019, \$30.9 million was reflected as a cash outflow from Operating Activities and \$9.1 million was reflected as a cash outflow from Financing Activities on the Condensed Consolidated Statements of Cash Flows. The amount reflected as Financing Activities represented the initial amount recorded in purchase accounting.

- The estimated fair value of the Adjusted EBITDA performance metric is derived using the income approach with unobservable inputs, based on present value and multi-year forecast assumptions, which include a discount rate of 10.50% and probability weighted Adjusted EBITDA assessments of expected future payment values of \$0.0 million, \$30.0 million and \$60.0 million. At March 31, 2019, based on the most recent multi-year forecast, the Company continues to determine there is a higher probability of achieving the Adjusted EBITDA target that will result in an expected payment of \$30.0 million. An increase or a decrease in the probability weighted Adjusted EBITDA assessments of future payment values of 10.0% changes the estimated fair value measure of the performance metric by approximately \$2.3 million.

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Changes in the estimated fair value of the long-term contingent consideration are recorded in the Condensed Consolidated Statements of Operations as "Selling, technical, general and administrative" expenses.

There were no significant transfers between the fair value hierarchy levels for the three months ended March 31, 2019.

The carrying value and estimated fair value of the Company's long-term debt totaled \$1.52 billion and \$1.54 billion, respectively, at March 31, 2019. At December 31, 2018, the carrying value and estimated fair value each totaled \$5.35 billion. The carrying values noted above include unamortized premiums, discounts and debt issuance costs. The estimated fair value of long-term debt is measured using quoted market prices at the reporting date multiplied by the gross carrying amount of the related debt, which excludes unamortized premiums, discounts and debt issuance costs. Such instruments are valued using Level 2 inputs.

9. STOCKHOLDERS' EQUITY

Preferred Stock

The Company is authorized to issue 5,000,000 shares of preferred stock. The Board has designated 2,000,000 of those shares as "Series A Preferred Stock." At March 31, 2019 and December 31, 2018, a total of 2,000,000 shares of Series A Preferred Stock were issued and outstanding. Shares of preferred stock have no voting rights, except in respect of any amendment to the Company's Certificate of Incorporation, as amended, that would alter or change their rights or privileges. Each share of Series A Preferred Stock is convertible into one share of the Company's common stock at the option of the holders until December 31, 2020. All outstanding shares of Series A Preferred Stock will be automatically converted into shares of the Company's common stock on a one-for-one basis (i) in the event of a change of control of the Company or (ii) on December 31, 2020 (which may be extended by the Board for three additional years).

As holders of the Series A Preferred Stock, the Founder Entities are entitled to receive dividends in the form of shares of the Company's common stock. The dividend amount is calculated based on the appreciated stock price compared to the highest dividend price previously used in calculating the Series A Preferred Stock dividends, which is currently \$22.85 per share.

Non-Controlling Interest

In connection with the MacDermid Acquisition, approximately \$97.5 million was raised in new equity consisting of 8,774,527 shares of PDH Common Stock. The PDH Common Stock was recorded in the Condensed Consolidated Balance Sheets as "Non-controlling interests." On March 29, 2019, the Company completed the merger of PDH with and into Element Solutions, with Element Solutions continuing as the surviving entity. As a result of this merger and without any action on the part of the Retaining Holders, each share of PDH Common Stock outstanding at March 29, 2019 was converted into the right to receive one share of the Company's common stock.

At March 29, 2019, 3,967,446 shares of the Company's common stock had not been issued to the Retaining Holders, pending receipt of letters of transmittal from the Retaining Holders requesting the conversion of the PDH Common Stock into the Company's common stock. However, the Company has treated such shares of common stock as outstanding at March 31, 2019 given that the receipt of the letters of transmittal is considered perfunctory as the Company is legally obligated to issue these shares in connection with the merger and that PDH ceased to exist as a legal entity on March 29, 2019.

For the three months ended March 31, 2019 and 2018, approximately \$0.5 million and \$1.2 million, respectively, of net income had been allocated to the Retaining Holders, as included in the Condensed Consolidated Statements of Operations.

Share Repurchases

On February 8, 2019, as part of the Company's previously-announced share repurchase program, the Company repurchased 37 million shares of its common stock for a per share purchase price of \$11.72, the last sale price reported for the Company's shares as of the 4 pm close of trading on the NYSE on Friday, February 1, 2019, or an aggregate purchase price of \$434 million. These repurchased shares, which represented approximately 13% of the Company's then outstanding common stock, were retired on that date. The repurchase was funded from cash on hand and borrowings under the New Credit Agreement.

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
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10. LOSS PER SHARE

A computation of loss per share from continuing operations and weighted average shares of the Company's common stock outstanding for the three months ended March 31, 2019 and 2018 follows:

	Three Months Ended March 31,	
	2019	2018
<i>(dollars in millions, except per share amounts)</i>		
Net loss from continuing operations	\$ (3.5)	\$ (8.9)
Net income attributable to the non-controlling interests	(0.6)	(1.3)
Net loss from continuing operations attributable to common stockholders	<u>\$ (4.1)</u>	<u>\$ (10.2)</u>
Basic weighted average common shares outstanding	268.2	287.9
Denominator adjustments for diluted EPS	—	—
Dilutive weighted average common shares outstanding	<u>268.2</u>	<u>287.9</u>
Loss per share from continuing operations attributable to common stockholders:		
Basic	\$ (0.02)	\$ (0.04)
Diluted	\$ (0.02)	\$ (0.04)
Dividends per share paid to common stockholders	\$ —	\$ —

For the three months ended March 31, 2019 and 2018, the following securities were not included in the computation of diluted shares outstanding because the effect would be anti-dilutive or because performance targets were not yet achieved for RSUs contingent upon performance:

	Three Months Ended March 31,	
	2019	2018
<i>(shares in millions)</i>		
Shares issuable for the contingent consideration	5.3	8.7
Shares issuable upon conversion of Series A Preferred Stock	2.0	2.0
Shares issuable upon vesting of RSUs	1.4	1.1
Shares issuable upon vesting and exercise of stock options	0.1	—
Shares issuable upon conversion of PDH Common Stock	—	4.3
Total	<u>8.8</u>	<u>16.1</u>

11. LEASES

The Company determines if an arrangement is a lease at inception. Right-of-Use (ROU) assets and lease liabilities are recognized based on the present value of the future minimum lease payments over the lease term at commencement date. The Company uses its incremental borrowing rate based on the information available at the beginning of each fiscal quarter in determining the present value of future payments as most of its leases do not provide an implicit rate. ROU assets also include any lease payments made and exclude lease incentives and initial direct costs incurred. The Company's lease terms may include options to extend or terminate the lease when it is reasonably certain that it will exercise that option. Lease expense for minimum lease payments is recognized on a straight-line basis over the lease term.

ROU assets, current and non-current lease liabilities are reported as "Other assets," "Accrued expenses and other current liabilities" and "Other liabilities" in the Condensed Consolidated Balance Sheets, respectively. Finance leases are not material and are included in the Condensed Consolidated Balance Sheets as "Property, plant and equipment, net" and "Debt and lease obligations."

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For the three months ended March 31, 2019, operating lease expense are primarily included in "Selling, technical, general and administrative" in the Condensed Consolidated Statements of Operations and totaled \$5.1 million.

<i>(dollars in millions)</i>	Three Months Ended March 31, 2019
Supplemental Cash Flow Information for Operating Leases	
Cash paid for amounts included in the measurement of lease liabilities:	
Operating cash flows from operating leases	\$ 5.3
ROU assets obtained in exchange for operating lease obligations	\$ 1.2
Weighted average remaining lease term	8 years
Weighted average discount rate	5.3%

Maturities of lease liabilities by fiscal year for operating leases at March 31, 2019 were as follows:

<i>(dollars in millions)</i>	
Remainder of 2019	\$ 14.8
2020	15.1
2021	12.1
2022	10.2
2023	7.1
Thereafter	25.8
Total future minimum lease payments	85.1
Less: imputed interest	(16.7)
Present value of lease liabilities	\$ 68.4

Minimum future non-cancelable operating lease commitments at December 31, 2018 were as follows:

<i>(dollars in millions)</i>	
2019	\$ 19.2
2020	15.5
2021	11.9
2022	9.7
2023	7.7
Thereafter	27.9
Total	\$ 91.9

12. CONTINGENCIES, ENVIRONMENTAL AND LEGAL MATTERS

Environmental Matters

The Company is involved in various claims relating to environmental matters at a number of current and former plants and waste management sites. The Company engages or participates in remedial and other environmental compliance activities at certain of these sites. At other sites, it has been named as a potential responsible party pursuant to the federal Superfund Act and/or state Superfund laws comparable to the federal law for site remediation. The Company analyzes each individual site, considering the number of parties involved, the level of its potential liability or contribution relating to the other parties, the nature and magnitude of the hazardous wastes involved, the method and extent of remediation, the potential insurance coverage, the estimated legal and

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
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consulting expense with respect to each site and the time period over which costs are likely to be incurred. Based on this analysis, the Company estimates the clean-up costs and related claims for each site. The estimates are based in part on discussions with other potential responsible parties, governmental agencies and engineering firms.

The Company accrues for environmental matters when it is probable that a liability has been incurred and the amount of the liability can be reasonably estimated based on current laws and existing technologies. The accruals are adjusted periodically as assessment and remediation efforts progress or as additional technical or legal information becomes available. The Company's environmental liabilities, which are included in the Condensed Consolidated Balance Sheets as "Accrued expenses and other current liabilities" and "Other liabilities," totaled \$16.9 million and \$18.3 million at March 31, 2019 and December 31, 2018, respectively, primarily driven by environmental remediation, clean-up costs and monitoring of sites that were either closed or disposed of in prior years. While uncertainty exists with respect to the amount and timing of its ultimate environmental liabilities, the Company does not currently anticipate any material losses in excess of the amount recorded. However, it is possible that new information about the sites, such as results of investigations, could make it necessary for the Company to reassess its potential exposure related to these environmental matters.

As of the date of this Quarterly Report, the Company believes it is not possible to develop an estimate of the range of reasonably possible environmental losses in excess of the Company's recorded liabilities and is unable to ascertain the ultimate aggregate amount of monetary liabilities or financial impacts with respect to these matters.

Legal Matters

From time to time, the Company is involved in various legal proceedings, investigations and/or claims in the normal course of its business. Although it cannot predict with certainty the ultimate resolution of these matters, which involve judgments that are inherently subjective, the Company believes that their resolutions, to the extent not covered by insurance, will not, individually or in the aggregate, have a material adverse effect on its consolidated financial position, results of operations or cash flows.

13. INCOME TAXES

The Company's quarterly income tax provision is measured using an estimate of its consolidated annual effective tax rate, adjusted in the current period for discrete income tax items, within the periods presented. The comparison of the Company's income tax provision between periods is significantly impacted by the level and mix of earnings and losses by tax jurisdiction, foreign income tax rate differentials and discrete items.

For the three months ended March 31, 2019, the Company recognized an income tax benefit of \$10.4 million, as compared to an income tax expense of \$9.9 million in the prior year. The tax provision for the three months ended March 31, 2019 represented a benefit on the Company's pre-tax loss based on its estimated full year annual effective tax rate, which includes the negative impact of U.S. global intangible low-taxed income provisions and an accrual of a valuation allowance on interest limitation carryforwards, and a benefit from the expiration of a statute of limitations. The tax provision for the three months ended March 31, 2018 was negatively impacted by the country mix of earnings and the Company's inability to recognize additional deferred tax assets in various jurisdictions related to its current-year operating results, primarily the United States.

As a result of the Arysta Sale, the deferred tax assets, valuation allowance and deferred tax liabilities of discontinued operations of \$173 million, \$75 million and \$450 million, respectively, at December 31, 2018 were written off as part of the sale.

14. RELATED PARTY TRANSACTIONS

The Company is a party to an Advisory Services Agreement with Mariposa Capital, LLC, an affiliate of one of its founder directors, whereby Mariposa Capital, LLC is entitled to receive an annual fee, which is accrued quarterly and payable in quarterly installments, and reimbursement for expenses. This agreement is automatically renewed for successive one-year terms unless either party notifies the other party in writing of its intention not to renew no later than 90 days prior to the expiration of the applicable term. Effective February 1, 2019, Mariposa Capital, LLC's annual advisory fee was increased from \$2.0 million to \$3.0 million. This fee is recorded in the Condensed Consolidated Statements of Operations as "Selling, technical, general and administrative" expense.

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
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15. SEGMENT INFORMATION

The Company's operations are organized into two reportable segments: Electronics and Industrial & Specialty. These segments represent businesses for which separate financial information is utilized by the chief operating decision maker, or CODM, for purposes of allocating resources and evaluating performance.

The Company allocates resources and evaluates the performance of its operating segments based primarily on net sales and Adjusted EBITDA. Adjusted EBITDA for each segment is defined as earnings before interest, taxes, depreciation and amortization, as further adjusted for additional items included in GAAP earnings which the Company believes are not considered to be representative or indicative of each of its segments' ongoing business or are considered to be associated with its capital structure. Adjusted EBITDA for each segment also includes an allocation of corporate costs, such as compensation expense and professional fees.

Results of Operations

The following table summarizes financial information regarding each reportable segment's results of operations, including disaggregated external net sales by product category:

<i>(dollars in millions)</i>	Three Months Ended March 31,	
	2019	2018
Net Sales:		
Electronics		
Assembly Solutions	\$ 133.0	\$ 139.8
Circuitry Solutions	90.8	106.0
Semiconductor Solutions	42.1	42.2
Total Electronics	265.9	288.0
Industrial & Specialty		
Industrial Solutions	138.0	145.5
Graphics Solutions	35.7	38.7
Energy Solutions	20.2	20.3
Total Industrial & Specialty	193.9	204.5
Total net sales	\$ 459.8	\$ 492.5
Adjusted EBITDA:		
Electronics	\$ 56.4	\$ 60.1
Industrial & Specialty	42.2	44.0
Total Adjusted EBITDA	\$ 98.6	\$ 104.1

ELEMENT SOLUTIONS INC AND SUBSIDIARIES
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The following table reconciles "Net income attributable to common stockholders" to Adjusted EBITDA:

	Three months ended March 31,	
	2019	2018
<i>(dollars in millions)</i>		
Net income attributable to common stockholders	\$ 23.2	\$ 37.3
<i>Add (subtract):</i>		
Net income attributable to the non-controlling interests	0.7	0.7
Income from discontinued operations, net of tax	(27.4)	(46.9)
Income tax (benefit) expense	(10.4)	9.9
Interest expense, net	38.1	77.2
Depreciation expense	10.3	11.7
Amortization expense	28.4	28.5
EBITDA	62.9	118.4
<i>Adjustments to reconcile to Adjusted EBITDA:</i>		
Restructuring expense	1.2	1.7
Integration costs	1.4	1.0
Foreign exchange gain on foreign denominated external and internal long-term debt	(28.3)	(7.7)
Debt refinancing costs	60.7	—
Change in fair value of contingent consideration	2.4	0.5
Gain on sale of equity investment	—	(11.3)
Other, net	(1.7)	1.5
Adjusted EBITDA	\$ 98.6	\$ 104.1

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

This Management's Discussion and Analysis of Financial Condition and Results of Operations section should be read in conjunction with the unaudited interim Condensed Consolidated Financial Statements and related notes included in this Quarterly Report, and the Consolidated Financial Statements, related notes and Management's Discussion and Analysis of Financial Condition and Results of Operations section and other disclosures contained in our 2018 Annual Report. This discussion contains forward-looking statements that involve risks and uncertainties. Actual results may differ materially from those discussed in these forward-looking statements. Factors that might cause a difference include, but are not limited to, those discussed under the "Forward-Looking Statements" section of this Quarterly Report and in Part I, Item 1A, "Risk Factors" of our 2018 Annual Report.

Overview

Our Business

Element Solutions Inc, incorporated in Delaware in January 2014, is a leading global specialty chemicals company whose operating businesses formulate a broad range of solutions that enhance the performance of products people use every day. Developed in multi-step technological processes, our businesses' innovative solutions enable customers' manufacturing processes in several key industries, including electronic circuitry, semiconductor, communications infrastructure, automotive systems, industrial surface finishing, consumer packaging and offshore energy. Substantially all of our businesses' products are consumed by our customers as part of their production process, providing us with reliable and recurring revenue streams as the products are replenished in order to continue production. Those customers use our innovations as competitive advantages, relying on us to help them navigate through fast-paced, high-growth markets. Our product development and product extensions are expected to continue to drive sales growth in both new and existing markets, while expanding margins, by continuing to offer high customer value propositions.

We generate revenue through the formulation and sale of our businesses' dynamic chemistry solutions and by providing highly technical service to our customers and OEMs through our extensive global network of specially-trained scientists and engineers. While our dynamic chemistries typically represent only a small portion of our customers' costs, they are integral to our customers' manufacturing processes and overall product performance. We leverage these close relationships with our customers and OEMs to execute our growth strategy and identify opportunities for new products. These new products are developed and created by drawing upon our intellectual property portfolio and technical expertise. We believe that our customers place significant value on the consistency and quality represented by our brands, which we capitalize on through significant market share, customer loyalty and supply chain access. Lastly, operational risks and switching costs make it difficult for our customers to change suppliers which allows us to retain customers and maintain our market positions.

Our Operations

Our operations are organized into two reportable segments: Electronics and Industrial & Specialty, which are each described below:

Electronics – The Electronics segment researches, formulates and delivers specialty chemicals and materials for all types of electronics hardware, from complex printed circuit board designs to new interconnection materials. In mobile communications, computers, automobiles and aerospace equipment, its products are an integral part of the electronics manufacturing process and the functionality of their goods. The segment's "wet chemistries" for metallization, surface treatments and solderable finishes form physical circuitry pathways and its "assembly materials," such as solders, pastes, fluxes and adhesives, join those pathways together.

The segment provides specialty chemical solutions through the following businesses:

Assembly Solutions As a global supplier of solder technologies, fluxes, cleaners and other attachment materials for the electronics assembly industry, we develop innovative materials that join electronic circuits in high volume device manufacturing. Our high-performing interconnect materials are used to assemble consumer electronics from circuit boards, discrete electronic components, connectors and integrated circuit substrates.

Circuitry Solutions As a global supplier of chemical formulations to the electronics industry, we design and manufacture proprietary liquid chemical processes ("bath") used by our customers to manufacture printed circuit boards. Our product portfolio is focused on specialized consumable chemical processes, such as surface treatments, circuit formation, primary metallization, electroplate and final finishes.

Semiconductor Solutions As a global supplier of semiconductor materials and packaging technologies, we provide advanced copper interconnects, die attachment, wafer bump processes and photomask technologies to our customers for integrated circuit fabrication and semiconductor packaging.

Industrial & Specialty – The Industrial & Specialty segment provides customers with Industrial Solutions, which include chemical systems that protect and decorate metal and plastic surfaces; Graphics Solutions, which include consumable chemicals that enable printing image transfer on flexible packaging materials; and Energy Solutions, which include dynamic chemistries used in water-based hydraulic control fluids for offshore deep-water drilling. Its fully consumable products are used in the aerospace, automotive, construction, consumer electronics, consumer packaged goods and oil and gas production end markets.

The segment provides specialty chemical solutions through the following businesses:

Industrial Solutions As a global supplier of industrial metal and plastic finishing chemistries, our chemical systems protect and decorate metal and plastic surfaces. Some of our precisely formulated high-performance coatings have functional uses, including improving wear and tear, such as hard chrome plating of shock absorbers for cars and special drills used for oil and gas exploration, while others provide corrosion resistance for appliance parts. Alternatively, our chemistries may have decorative performance, such as the application of gloss finishes for parts used in automotive interiors or fashion finishes used on jewelry surfaces.

Graphics Solutions As a supplier of consumable materials used to transfer images to printed substrates, our products are used to improve print quality and printing productivity. We produce and market photopolymers through an extensive line of flexographic plates that are used in the commercial packaging and printing industries.

Energy Solutions As a global supplier of specialized fluids to the offshore energy industry, we produce, market and support water-based hydraulic control fluids for major oil and gas companies and drilling contractors for offshore deep-water production and drilling applications.

Recent Developments

New Leadership and Additions to the Board of Directors

On January 31, 2019, the Company completed the Arysta Sale, at which time Rakesh Sachdev retired as Chief Executive Officer, or CEO, of the Company, and Benjamin Gliklich, former Executive Vice President - Operations & Strategy, was appointed as his replacement. In addition, Scot R. Benson, previously President of the Company's former Performance Solutions segment, was appointed as President & Chief Operating Officer of the Company. On March 12, 2019, the Board appointed Carey J. Dorman, former Corporate Treasurer and Vice President, Investor Relations as the Company's Chief Financial Officer, or CFO, replacing John P. Connolly, who resigned as CFO as of that date. Also on March 12, 2019, J. David Tolbert announced his retirement as Chief Human Resources Officer.

On April 22, 2019, the Board elected Christopher T. Fraser and Scot R. Benson to serve as directors of the Company, effective immediately, with a term expiring at the Company's 2019 annual meeting of stockholders. Mr. Fraser has broad experience across the chemicals and materials sector. He served as Chairman of the Board of KMG Chemicals Inc. from 2012 to 2018 and was a director from 2008 to 2018. He also served as Chief Executive Officer and President of KMG Chemicals Inc. from 2013 through its sale in 2018. He is currently a director at Panhandle Oil and Gas Inc. Mr. Benson, prior to being promoted to the role of President & Chief Operating Officer of Element Solutions in January 2019, served as President of the former Performance Solutions segment of the Company from 2015 to January 2019 where he led the integration of the former Alent plc businesses and the former

OM Group, Inc.'s businesses with Element Solutions' predecessor company, MacDermid. He joined MacDermid in 1999 after having spent several years in the Electronic Materials industry.

Closing of the Arysta Sale

The Arysta Sale was completed on January 31, 2019 for an aggregate purchase price of approximately \$4.20 billion in cash, subject to certain post-closing adjustments. The proceeds of the Arysta Sale were primarily used to pay down our then existing Credit Facilities, including the First Lien Credit Facility and the Revolving Credit Facility.

Accordingly, the Agricultural Solutions business is being reported as discontinued operations in this Quarterly Report. In the first quarter of 2019, we recorded a gain of \$21.3 million on the Arysta Sale, for a total loss of \$429 million, primarily due to the reclassification of foreign currency translation adjustments from "Accumulated other comprehensive loss" within Stockholders' Equity into earnings within the Condensed Consolidated Statement of Operations.

Recapitalization

New Credit Agreement

On the closing date of the Arysta Sale, we also entered into the New Credit Agreement, which provides for new senior secured credit facilities in an aggregate principal amount of \$1.08 billion, consisting of a revolving facility of \$330 million maturing in 2024 and a term loan of \$750 million maturing in 2026. The revolving facility includes borrowing capacity in the form of letters of credit of up to \$100 million. On the closing date of the Arysta Sale, the \$750 million term loan was borrowed under the New Credit Agreement.

Redemption of Prior Senior Notes

On February 1, 2019, using a portion of the net proceeds from the Arysta Sale and a portion of borrowings under the New Credit Agreement, the Company redeemed all outstanding Prior Senior Notes. The 5.875% USD Notes due 2025 were not redeemed and remain outstanding.

Share Repurchases

On February 8, 2019, as part of our previously-announced share repurchase program, we repurchased 37 million shares of our common stock for an aggregate purchase price of \$434 million. These repurchased shares, which were retired on that date, represented approximately 13% of our then outstanding common stock. The repurchase was funded from cash on hand and borrowings under the New Credit Agreement.

Recent Accounting Pronouncements

A summary of recent accounting pronouncements is included in Note 2, *Recent Accounting Pronouncements*, to our unaudited interim Condensed Consolidated Financial Statements included in this Quarterly Report.

Non-GAAP Financial Measures

To supplement our financial results presented in accordance with GAAP in this Management's Discussion and Analysis of Financial Condition and Results of Operations section, we present certain non-GAAP financial measures, such as operating results on a constant currency and organic basis and Adjusted EBITDA. Management internally reviews each of these non-GAAP measures to evaluate performance on a comparative period-to-period basis in terms of absolute performance, trends and expected future performance with respect to our business. We believe these non-GAAP financial measures, which are each further described below, provide investors with an additional perspective on trends and underlying operating results on a period-to-period comparable basis. We also believe that investors find this information helpful in understanding the ongoing performance of our operations separate from items that may have a disproportionate positive or negative impact on our financial results in any particular period.

These non-GAAP financial measures, however, have limitations as analytical tools and should not be considered in isolation from, a substitute for, or superior to, the related financial information that we report in accordance with GAAP. The principal limitation of these non-GAAP financial measures is that they exclude significant expenses and income that are required by GAAP to be recorded in our financial statements and may not be comparable to similarly titled measures of other companies due to potential differences in calculation methods. In addition, these measures are subject to inherent limitations as they reflect the exercise of judgment by management about which items are excluded or included in determining these non-GAAP financial measures. Investors are encouraged to review the reconciliations of these non-GAAP financial measures to their most comparable GAAP financial measures included in this Quarterly Report and not to rely on any single financial measure to evaluate our business.

Constant Currency

We disclose operating results, from net sales through operating profit, on a constant currency basis by adjusting to exclude the impact of changes due to the translation of foreign currencies of our international locations into U.S. dollars. Management believes this non-GAAP financial information facilitates period-to-period comparison in the analysis of trends in business performance, thereby providing valuable supplemental information regarding our results of operations, consistent with how we internally evaluate our financial results.

The impact of foreign currency translation is calculated by converting our current-period local currency financial results into U.S. dollars using the prior period's exchange rates and comparing these adjusted amounts to our prior period reported results. The difference between actual growth rates and constant currency growth rates represents the impact of foreign currency translation.

Organic Net Sales Growth

Organic net sales growth is defined as net sales excluding the impact of foreign currency translation, changes due to the pass-through pricing of certain metals and acquisitions and/or divestitures, as applicable. Management believes this non-GAAP financial measure provides investors with a more complete understanding of the underlying net sales trends by providing comparable net sales over differing periods on a consistent basis.

For a reconciliation of reported net sales growth to organic net sales growth, see the *Net Sales* captions within the "Results of Operations" section below.

Adjusted EBITDA

We define Adjusted EBITDA as EBITDA (earnings before interest, provision for income taxes, depreciation and amortization), excluding the impact of additional items included in GAAP earnings which we believe are not representative or indicative of our ongoing business or are considered to be associated with our capital structure. Management believes Adjusted EBITDA provides investors with a more complete understanding of the long-term profitability trends of our business and facilitates comparisons of our profitability to prior and future periods.

For a reconciliation of "Net income attributable to common stockholders" to Adjusted EBITDA, and more information about the adjustments made, see Note 15, *Segment Information*, to the unaudited interim Condensed Consolidated Financial Statements included in this Quarterly Report.

Results of Operations

Three months ended March 31, 2019 as compared to the three months ended March 31, 2018

The following table summarizes our results of operations for the three months ended March 31, 2019 and 2018:

<i>(dollars in millions)</i>	Three Months Ended March 31,		% Change		
	2019	2018	Reported	Constant Currency	Organic
Net sales	\$ 459.8	\$ 492.5	(7)%	(2)%	(3)%
Cost of sales	261.5	281.4	(7)%	(2)%	
Gross profit	198.3	211.1	(6)%	(2)%	
<i>Gross margin</i>	43.1%	42.9%	20 bps	—	
Operating expenses	153.2	152.2	1%	4%	
Operating profit	45.1	58.9	(23)%	(17)%	
<i>Operating margin</i>	9.8%	12.0%	(220)bps	(190)bps	
Other expense, net	(59.0)	(57.9)	2%		
Income tax benefit (expense)	10.4	(9.9)	(nm)		
Net loss from continuing operations	(3.5)	(8.9)	(61)%		
Income from discontinued operations, net of tax	27.4	46.9	(42)%		
Net income	\$ 23.9	\$ 38.0	(37)%		
Adjusted EBITDA	\$ 98.6	\$ 104.1	(5)%	1%	
<i>Adjusted EBITDA margin</i>	21.4%	21.1%	30bps	70bps	

(nm) Calculation not meaningful.

Net Sales

Net sales in the first quarter of 2019 decreased by 7% on a reported basis, 2% on a constant currency basis and 3% on an organic basis. Electronics and our consolidated results were positively impacted by \$2.6 million of acquisitions and \$1.0 million of pass-through metals pricing.

The following table reconciles GAAP net sales growth to constant currency and organic net sales growth:

(dollars in millions)	Three Months Ended March 31,		% change					
	2019	2018	Reported Net Sales Growth	Impact of Currency	Constant Currency	Pass-Through Metals Pricing	Acquisitions/Dispositions	Organic Net Sales Growth
Electronics:								
Assembly Solutions	\$ 133.0	\$ 139.8	(5)%	5%	0%	(1)%	(2)%	(2)%
Circuitry Solutions	90.8	106.0	(14)%	4%	(11)%	—%	—%	(11)%
Semiconductor Solutions	42.1	42.2	—%	2%	1%	—%	—%	1%
Total	\$ 265.9	\$ 288.0	(8)%	4%	(4)%	0%	(1)%	(5)%
Industrial & Specialty:								
Industrial Solutions	\$ 138.0	\$ 145.5	(5)%	6%	0%	—%	—%	0%
Graphics Solutions	35.7	38.7	(8)%	3%	(5)%	—%	—%	(5)%
Energy Solutions	20.2	20.3	—%	7%	7%	—%	—%	7%
Total	\$ 193.9	\$ 204.5	(5)%	5%	0%	—%	—%	0%
Total	\$ 459.8	\$ 492.5	(7)%	5%	(2)%	0%	(1)%	(3)%

Electronics' net sales in the first quarter of 2019 declined by 8% on a reported basis, 4% on a constant currency basis and 5% on an organic basis.

- **Assembly Solutions:** net sales declined by 5% on a reported basis, were relatively flat on a constant currency basis and declined 2% on an organic basis. The increasing demand for assembly products in electronic vehicles was largely offset by continued mobile phone weakness in Asia.
- **Circuitry Solutions:** net sales declined by 14% on a reported basis and 11% on both a constant currency and organic basis, driven by continued weakness in mobile phone markets as well as lower demand from memory disk customers.
- **Semiconductor Solutions:** net sales were relatively flat on a reported basis and increased 1% on both a constant currency and organic basis. Modest growth driven by continued strength in advanced assembly products sold into automotive end markets was partially offset by weakness in mobile phone markets.

Industrial & Specialty's net sales in the first quarter of 2019 declined by 5% on a reported basis and was relatively flat on both a constant currency and organic basis.

- **Industrial Solutions:** net sales declined by 5% on a reported basis and were relatively flat on both a constant currency and organic basis. Strength in the Americas and European industrial markets, including increased sales of Fernox products, was largely offset by weakness in Asian automotive markets.
- **Graphics Solutions:** net sales declined by 8% on a reported basis and 5% on both a constant currency and organic basis. Strength in Latin American markets was largely offset by weakness in North America and APAC driven primarily by lower packaging activity from delayed marketing campaigns from customers and newspaper revenues.
- **Energy Solutions:** net sales were relatively flat on a reported basis and increased 7% on both a constant currency and organic basis. Volume increases in Europe and Asia were partially offset by the loss of certain business in March which had a negative impact of approximately 3% on organic net sales growth. This loss is expected to negatively impact organic net sales growth for the remainder of 2019.

Gross Profit

<i>(dollars in millions)</i>	Three Months Ended March 31,		% Change	
	2019	2018	Reported	Constant Currency
Gross profit				
Electronics	\$ 109.5	\$ 115.3	(5)%	(1)%
Industrial & Specialty	88.8	95.8	(7)%	(2)%
Total	\$ 198.3	\$ 211.1	(6)%	(2)%
Gross margin				
Electronics	41.2%	40.1%	110 bps	80 bps
Industrial & Specialty	45.8%	46.8%	(100) bps	(110) bps
Total	43.1%	42.9%	20 bps	—

Electronics' gross profit in the first quarter of 2019 decreased by 5% on a reported basis and 1% on a constant currency basis. The constant currency decrease was driven primarily by lower net sales in our higher margin Circuitry Solutions business. The gross margin improvement was driven primarily by favorable product mix in Assembly Solutions due to growth in higher margin products related to electronic vehicles.

Industrial & Specialty's gross profit in the first quarter of 2019 decreased by 7% on a reported basis and 2% on a constant currency basis. The constant currency decrease in gross profit was primarily driven by lower Graphics Solutions sales, which are higher margin, and unfavorable product mix in Offshore Solutions due to higher net sales from drilling, which are lower margin. In addition, the constant currency decrease was driven by the aforementioned loss of certain business in March.

Operating Expenses

<i>(dollars in millions)</i>	Three Months Ended March 31,		% Change	
	2019	2018	Reported	Constant Currency
Selling, technical, general and administrative	\$ 142.4	\$ 140.8	1%	5%
Research and development	10.8	11.4	(5)%	(5)%
Total	\$ 153.2	\$ 152.2	1%	4%
Operating Expenses as % of Net Sales				
Selling, technical, general and administrative	31.0 %	28.6 %	240 bps	200 bps
Research and development	2.3 %	2.3 %	—	(10) bps
Total	33.3 %	30.9 %	240 bps	190 bps

Operating expenses in the first quarter of 2019 increased 1% on a reported basis and 4% on a constant currency basis, driven primarily by nonrecurring expenses related to the closing of the Arysta Sale that do not qualify for discontinued operations, including share-based compensation expense of \$4.0 million associated with the retirement of our former CEO, and \$2.0 million of expense associated with the payment of a long-term contingent consideration liability, partially offset by lower corporate expenses as we continue to realize the benefits relating to the reorganization of our corporate structure.

Other (Expense) Income

<i>(dollars in millions)</i>	Three Months Ended March 31,	
	2019	2018
Other (expense) income		
Interest expense, net	\$ (38.1)	\$ (77.2)
Foreign exchange gains	27.1	7.5
Other (expense) income, net	(48.0)	11.8
Total	\$ (59.0)	\$ (57.9)

Interest Expense, Net

Net interest expense decreased \$39.1 million primarily due to the pay down of the Credit Facilities on January 31, 2019 in connection with the Arysta Sale. Lower interest expense, as compared to 2018, is expected to continue as we realize the benefits associated with the deleveraging of our balance sheet as a result of the Arysta Sale.

Foreign Exchange Gain

Foreign exchange gains increased \$19.6 million primarily due to the remeasurement of British pound and Taiwan dollar denominated intercompany balances and euro-denominated external debt into U.S. dollar.

Other (Expense) Income, Net

For the three months ended March 31, 2019, other expense, net of \$48.0 million included \$60.7 million of debt refinancing costs related to the pay down of our then existing debt in connection with the Arysta Sale, partially offset by a \$12.5 million gain on derivative contracts associated with the refinancing of our non-U.S. dollar denominated third-party debt. For the three months ended March 31, 2018, other income, net of \$11.8 million included a \$11.3 million gain on a sale of an equity investment.

Income Tax

The comparison of the Company's income tax provision between periods is significantly impacted by the level and mix of earnings and losses by tax jurisdiction, foreign income tax rate differentials and discrete items.

For the three months ended March 31, 2019, the Company recognized an income tax benefit of \$10.4 million, as compared to an income tax expense of \$9.9 million in the prior year. The tax provision for the three months ended March 31, 2019 represented a benefit on the Company's pre-tax loss based on its estimated full year annual effective tax rate, which includes the negative impact of U.S. global intangible low-taxed income provisions and an accrual of a valuation allowance on interest limitation carryforwards, and a benefit from the expiration of a statute of limitations. The tax provision for the three months ended March 31, 2018 was negatively impacted by the country mix of earnings and the Company's inability to recognize additional deferred tax assets in various jurisdictions related to its current-year operating results, primarily the United States.

Income from Discontinued Operations, Net of Tax

Income from discontinued operations, net of tax, for the three months ended March 31, 2019 totaled \$27.4 million, as compared to \$46.9 million in the prior year. The first quarter of 2019 included a gain on the Arysta Sale \$21.3 million.

Other Comprehensive Income

Other comprehensive income for the three months ended March 31, 2019 totaled \$557 million, as compared to income of \$65.3 million in the prior year. The change was driven primarily by realized foreign currency translation losses resulting from the Arysta Sale of \$480 million, as well as foreign currency translation gains associated with the Brazilian real, Chinese yuan and Japanese yen, partially offset by losses associated with the euro and British pound.

Segment Adjusted EBITDA Performance

<i>(dollars in millions)</i>	Three Months Ended March 31,		% Change	
	2019	2018	Reported	Constant Currency
Adjusted EBITDA:				
Electronics	\$ 56.4	\$ 60.1	(6)%	(1)%
Industrial & Specialty	42.2	44.0	(4)%	3%
Total	\$ 98.6	\$ 104.1	(5)%	1%
Adjusted EBITDA margin:				
Electronics	21.2%	20.9%	30 bps	60 bps
Industrial & Specialty	21.8%	21.5%	30 bps	60 bps
Total	21.4%	21.1%	30 bps	70 bps

Electronics' Adjusted EBITDA in the first quarter of 2019 decreased 6% on a reported basis and 1% on a constant currency basis. The constant currency increase was driven primarily by lower gross profit, partially offset in part by lower corporate costs.

Industrial & Specialty's Adjusted EBITDA decreased 4% on a reported basis but increased 3% on a constant currency basis. The constant currency increase was driven primarily by lower corporate costs.

Liquidity and Capital Resources

On January 31, 2019, we completed the Arysta Sale for approximately \$4.20 billion in cash, subject to certain post-closing adjustments relating to, among other things, cash, indebtedness and working capital as of the closing date of the Arysta Sale. The proceeds of the Arysta Sale, along with a portion of the proceeds from a \$750 million term loan under the New Credit Agreement, were used to pay down approximately \$4.60 billion of our then existing debt. At March 31, 2019, following the pay down, our indebtedness totaled \$1.64 billion. The expected interest payments on our new existing debt, consisting of the 5.875% USD Notes due 2025 and the new term loan under the New Credit Agreement, are expected to total approximately \$70 million per year over the next three years, taking into account the effect of interest rate swaps and cross-currency swaps, excluding any potential additional borrowings under the New Credit Agreement, with the first significant principal payment, totaling \$800 million, due in 2025. In the first quarter of 2019, we also paid \$40.0 million of contingent consideration related to the achievement of certain common stock trading targets set in connection with the MacDermid Acquisition. In addition, on February 8, 2019, as part of our previously-announced stock repurchase program, we repurchased 37 million shares of our common stock for an aggregate purchase price of \$434 million. The repurchase was funded from cash on hand and proceeds from borrowings under the New Credit Agreement.

Our primary sources of liquidity during the three months ended March 31, 2019 were proceeds from the Arysta Sale of approximately \$4.20 billion as well as the \$750 million term loan under the New Credit Agreement, periodic borrowings under the Revolving Credit Facility of the Credit Agreement, and available cash generated from operations. Our primary uses of cash and cash equivalents were to fund operations, working capital, capital expenditures and debt service obligations as well as to pay down approximately \$4.60 billion of debt outstanding on the closing date of the Arysta Sale and to fund our \$434 million of share repurchase. We believe that our cash and cash equivalents and cash generated from operations, supplemented by our availability under our lines of credit, including our revolving credit facility under the New Credit Agreement, will be sufficient to meet our working capital needs, interest payments, capital expenditures and other business requirements for at least the next twelve months. However, working capital cycles and/or future share repurchases and/or acquisitions may require additional funding, which may include future debt and/or equity offerings. Our long-term liquidity may be influenced by our ability to borrow additional funds, renegotiate existing debt and raise equity under terms that are favorable to us.

We may from time to time seek to repurchase our equity and/or to retire or repurchase our outstanding debt through cash purchases and/or exchanges for equity, in open market purchases, privately negotiated transactions or otherwise. Such repurchases or exchanges, if any, will depend on prevailing market conditions, our liquidity requirements, contractual restrictions, applicable restrictions under our various financing arrangements and other factors.

During the three months ended March 31, 2019, approximately 75% of our net sales were generated from non-U.S. operations, and we expect a large portion of our net sales to continue to be generated outside of the United States. As a result, our foreign subsidiaries will likely continue to hold a substantial portion of our cash. We expect to manage our worldwide cash requirements based on available funds among the many subsidiaries through which we conduct business and the cost effectiveness with which those funds can be accessed. We may transfer cash from certain international subsidiaries to the United States and other international subsidiaries when we believe it is cost effective to do so.

We continually review our domestic and foreign cash profile, expected future cash generation and investment opportunities, which support our current designation of a portion of these funds as being indefinitely reinvested, and reassess whether there are demonstrated needs to repatriate a portion of these funds being held internationally. If, as a result of our review, we determine that all or a portion of the funds require repatriation, we may be required to accrue additional foreign taxes. Of our \$230 million of cash and cash equivalents at March 31, 2019, \$215 million were held by our foreign subsidiaries.

The following is a summary of our cash flows used in operating, investing, and financing activities of continuing operations during the periods indicated:

<i>(dollars in millions)</i>	Three Months Ended March 31,	
	2019	2018
Cash used in operating activities	\$ (32.0)	\$ (49.4)
Cash provided by investing activities	\$ 4,194.1	\$ 19.4
Cash (used in) provided by financing activities	\$ (4,240.5)	\$ 51.5

Operating Activities

During the three months ended March 31, 2019, cash used in operating activities totaled \$32.0 million, compared to \$49.4 million used during the three months ended March 31, 2018. This decrease was driven primarily by higher cash operating profits (net loss adjusted for non-cash items), including \$21.3 million of lower interest payments and lower net build of accounts receivable, inventories and accounts payable due to lower revenue, partially offset by the payment of contingent consideration liability of \$30.9 million.

Investing Activities

Cash flows provided by investing activities totaled \$4.19 billion during the three months ended March 31, 2019, as compared to \$19.4 million provided by investing activity during the three months ended March 31, 2018. This increase was driven by the Arysta Sale, which generated \$4.19 billion. Investing cash inflows from the prior year include \$25.0 million of proceeds from the sale of an equity investment.

Financing Activities

Cash flows used in financing activities totaled \$4.24 billion during the three months ended March 31, 2019, as compared to \$51.5 million provided by financing activity during the three months ended March 31, 2018. This increase was primarily driven by the pay down of approximately \$4.60 billion of debt from a combination of proceeds of the Arysta Sale and a \$750 million term loan under the New Credit Agreement. These cash inflows were also used to fund the repurchase of our common stock for an aggregate purchase price of \$434 million. In addition, \$30.1 million was used to fund the repurchase and extinguishment fees related to our debt pay down and \$9.4 million was used to fund the deferred financing fees associated with the New Credit Agreement. Cash inflows from borrowings under our lines of credit totaled \$95.3 million during the first quarter of 2019, as compared to \$52.0 million during the first quarter of 2018.

Financial Borrowings

Credit Facilities

At March 31, 2019, we had \$1.64 billion of indebtedness, which primarily included:

- \$785 million of 5.875% USD Notes due 2025;
and
- \$738 million of term debt arrangements outstanding under the first lien credit facility of the New Credit Agreement.

Availability under the revolving credit facility of the New Credit Agreement and various lines of credit and overdraft facilities totaled \$232 million at March 31, 2019 (net of \$5.1 million of stand-by letters of credit which reduce our borrowing capacity).

Covenants

At March 31, 2019, we were in compliance with the customary affirmative and negative covenants, events of default and other customary provisions which govern our 5.875% USD Notes Indenture, as well as the debt covenants contained in the credit facilities of the New Credit Agreement. The New Credit Agreement provides full availability of our unused borrowing capacity, net of letters of credit, under its revolving credit facility.

Off-Balance Sheet Transactions

We use customary off-balance sheet arrangements, such as letters of credit. For additional information regarding letters of credit, see Note 7, *Debt*, to our unaudited interim Condensed Consolidated Financial Statements included in this Quarterly Report.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

The quantitative and qualitative disclosures about market risk required by this item have not changed materially from those disclosed in our 2018 Annual Report. For a discussion of our exposure to market risk, refer to Part II, Item 7A, *Quantitative and Qualitative Disclosures about Market Risk*, contained in our 2018 Annual Report.

Item 4. Controls and Procedures

(a) Evaluation of Disclosure Controls and Procedures

Our management is responsible for establishing and maintaining disclosure controls and procedures as defined in Rules 13a-15 (e) and 15d-15(e) under the Exchange Act. As required by Rule 13a-15(b) of the Exchange Act, management, including our CEO and CFO, has evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this Quarterly Report. The term “disclosure controls and procedures,” as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act, means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a

company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the company's management, including its CEO and CFO, as appropriate, to allow timely decisions regarding required disclosure. Based on that evaluation, our CEO and CFO have concluded that the Company's disclosure controls and procedures were effective as of the end of the period covered by this Quarterly Report.

(b) Changes to Internal Control Over Financial Reporting

As required by Rule 13a-15(d) under the Exchange Act, our management, including our CEO and CFO, has evaluated the Company's internal control over financial reporting to determine whether any changes occurred during the quarter covered by this Quarterly Report have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

There have been no changes in our internal control over financial reporting that occurred during the quarter covered by this Quarterly Report 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

From time to time, we are involved in legal proceedings, investigations and/or claims that are incidental to the operation of our businesses. In particular, we are involved in various claims relating to environmental matters at a number of current and former plant sites and waste management sites. See Note 12, *Contingencies, Environmental and Legal Matters*, to the unaudited interim Condensed Consolidated Financial Statements included in this Quarterly Report for more information and updates.

Item 1A. Risk Factors

There have been no material changes in the risk factors from those set forth in Part I, Item 1A *Risk Factors*, of our 2018 Annual Report.

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

Recent Purchases of Equity Securities by the Issuer and Affiliated Purchases

The following table provides information about purchases by the Company during the three months ended March 31, 2019 of equity securities of the Company:

<i>(amounts in millions, except per share amounts)</i>	<u>Total Number of Shares Purchased</u>	<u>Average Price Paid Per Share</u>	<u>Total Number of Shares Purchased as Part of a Publicly Announced Repurchase Program</u>	<u>Approximate Dollar Value of Shares that May Yet be Purchased Under the Repurchase Program</u>
Period				
January 1 - January 31	—	\$ —	—	
February 1 - February 28	37	11.72 ⁽¹⁾	37	
March 1 - March 31	—	—	—	
Total	<u>37</u>	<u>\$ 11.72</u>	<u>37</u>	<u>\$ 316</u>

⁽¹⁾ Represents the last sale price reported per share of the Company's common stock as of the 4 pm close of trading on the NYSE on Friday, February 1, 2019.

⁽²⁾ In July 2018, the Board authorized a program to repurchase up to \$750 million of the Company's common stock, of which \$434 million had been utilized as of March 31, 2019 in connection with the repurchase of 37 million shares on February 8, 2019. The Company's share repurchase program does not require the repurchase of any specific number of shares, and shares repurchases are made opportunistically at the discretion of the Company.

Item 3. Defaults Upon Senior Securities

None

Item 4. Mine Safety Disclosures

None

Item 5. Other Information

None

Item 6. Exhibits

The following exhibits are filed or furnished as part of this Quarterly Report:

Exhibit Number	Description
2.1	Arysta Sale Agreement, dated as of July 20, 2018, between the Company and UPL (filed as Exhibit 2.1 of the Current Report on Form 8-K filed on July 20, 2018, and incorporated herein by reference)
2.2	Amendment Number One to Stock Purchase Agreement dated as of January 25, 2019 by and among the Company, Purchaser, Arysta, US Purchaser and Merger Sub (filed as Exhibit 2.1 of the Current Report on Form 8-K filed on January 28, 2019, and incorporated herein by reference)
3.1(a)	Certificate of Incorporation dated January 22, 2014 (filed as Exhibit 3.1 of Post-Effective Amendment No. 1 to the Registration Statement on Form S-4 (File No. 333-192778) filed on January 24, 2014, and incorporated herein by reference)
3.1(b)	Certificate of Amendment of Certificate of Incorporation dated June 12, 2014 (filed as Exhibit 3.1 of the Current Report on Form 8-K filed on June 13, 2014, and incorporated herein by reference)
3.1(c)	Certificate of Amendment of Certificate of Incorporation dated January 31, 2019 (filed as Exhibit 3.1 of the Current Report on Form 8-K filed on February 5, 2019, and incorporated herein by reference)
3.2	Amended and Restated By-laws (filed as Exhibit 3.2 of the Current Report on Form 8-K filed on February 5, 2019, and incorporated herein by reference)
4.1	Specimen Stock Certificate (filed as Exhibit 4.1 of the Current Report on Form 8-K filed on February 5, 2019, and incorporated herein by reference)
10.1	New Credit Agreement, dated as of January 31, 2019 , by and among, inter alia, the Company, MacDermid, the subsidiaries of the borrowers from time to time parties thereto, the lenders from time to time parties thereto, Credit Suisse Loan Funding LLC, as syndication agent, and Barclays Bank PLC, as administrative agent and collateral agent (filed as Exhibit 10.1 of the Current Report on Form 8-K filed on February 5, 2019, and incorporated herein by reference)
10.2	Pledge and Security Agreement, dated as of January 31, 2019 , among the Company, MacDermid and the subsidiaries of the borrowers from time to time parties thereto in favor of Barclays Bank PLC, as collateral agent (filed as Exhibit 10.2 of the Current Report on Form 8-K filed on February 5, 2019, and incorporated herein by reference)
10.3	Letter Agreement dated March 22, 2019 , by and between Element Solutions and John P. Connolly (filed as Exhibit 10.2 of the Current Report on Form 8-K filed on March 28, 2019, and incorporated herein by reference)
31.1*	Principal Executive Officer Certification Pursuant to Exchange Act Rules 13a-14 and 15d-14 as adopted pursuant to the Section 302 of the Sarbanes-Oxley Act of 2002
31.2*	Principal Financial Officer Certification Pursuant to Exchange Act Rules 13a-14 and 15d-14 as adopted pursuant to the Section 302 of the Sarbanes-Oxley Act of 2002
32.1**	Principal Executive Officer and Principal Financial Officer Certifications Pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.SCH*	XBRL Taxonomy Extension Schema Document
101.CAL*	XBRL Extension Calculation Linkbase Document
101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB*	XBRL Taxonomy Extension Label Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document
101.INS	XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document

* Filed herewith.

** Furnished herewith.

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 this May 1, 2019.

ELEMENT SOLUTIONS INC

By: /s/ Michael Russnok
Michael Russnok
Chief Accounting Officer
(Principal Accounting Officer)

**Certification of Principal Executive Officer
Pursuant to Section 302 of Sarbanes-Oxley Act of 2002**

I, Benjamin Gliklich, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Element Solutions Inc;
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 Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer 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: May 1, 2019

/s/ Benjamin Gliklich

Benjamin Gliklich
Chief Executive Officer

**Certification of Principal Financial Officer
Pursuant to Section 302 of Sarbanes-Oxley Act of 2002**

I, Carey J. Dorman, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Element Solutions Inc;
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 Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer 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: May 1, 2019

/s/ Carey J. Dorman

Carey J. Dorman
Chief Financial Officer

**CERTIFICATION
OF
CHIEF EXECUTIVE OFFICER AND CHIEF FINANCIAL OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Benjamin Gliklich, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Element Solutions Inc on Form 10-Q for the fiscal quarter ended March 31, 2019 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, and that the information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of Element Solutions Inc.

Date: May 1, 2019
By: /s/ Benjamin Gliklich
Name: Benjamin Gliklich
Title: Chief Executive Officer

I, Carey J. Dorman, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Element Solutions Inc on Form 10-Q for the fiscal quarter ended March 31, 2019 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, and that the information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of Element Solutions Inc.

Date: May 1, 2019
By: /s/ Carey J. Dorman
Name: Carey J. Dorman
Title: Chief Financial Officer