

CALGON CARBON Corp  
Form 10-Q  
November 06, 2015  
[Table of Contents](#)

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C. 20549

**FORM 10-Q**

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

**For the quarterly period ended September 30, 2015**

**OR**

- o 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: 1-10776**

**CALGON CARBON CORPORATION**

(Exact name of registrant as specified in its charter)

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**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**25-0530110**

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

**3000 GSK Drive**

**Moon Township, Pennsylvania**

(Address of principal executive offices)

**15108**

(Zip Code)

**(412) 787-6700**

(Registrant's telephone number, including area code)

**None**

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

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

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer 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 ☐ (Do not check if a smaller reporting company)

Smaller reporting company ☐

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 practicable date.

**Class**

Common Stock, \$.01 par value per share

**Outstanding at October 27, 2015**

51,455,930 shares



Table of Contents

CALGON CARBON CORPORATION

QUARTERLY REPORT ON FORM 10-Q

QUARTER ENDED SEPTEMBER 30, 2015

This Quarterly Report on Form 10-Q contains historical information and forward-looking statements. Forward-looking statements typically contain words such as expects, believes, estimates, anticipates, or similar words indicating that future outcomes are uncertain. Statements looking forward in time, including statements regarding future growth and profitability, price increases, cost savings, broader product lines, enhanced competitive posture and acquisitions, are included in this Quarterly Report on Form 10-Q and in the Company's most recent Annual Report on Form 10-K pursuant to the safe harbor provision of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve known and unknown risks and uncertainties that may cause Calgon Carbon Corporation's (the Company) actual results in future periods to be materially different from any future performance suggested herein. Further, the Company operates in an industry sector where securities values may be volatile and may be influenced by economic and other factors beyond the Company's control. Some of the factors that could affect future performance of the Company are changes in, or delays in the implementation of, regulations that cause a market for our products, acquisitions, higher energy and raw material costs, costs of imports and related tariffs, labor relations, availability of capital, and environmental requirements as they relate both to our operations and our customers, changes in foreign currency exchange rates, borrowing restrictions, validity of patents and other intellectual property, and pension costs. In the context of the forward-looking information provided in this Quarterly Report on Form 10-Q and in other reports, please refer to the discussions of risk factors and other information detailed in, as well as the other information contained in the Company's most recent Annual Report. Any forward-looking statement speaks only as of the date on which such statement is made and the Company does not intend to correct or update any forward-looking statements, whether as a result of new information, future events or otherwise, unless required to do so by the Federal securities laws of the United States.

In reviewing any agreements incorporated by reference in this Form 10-Q, please remember such agreements are included to provide information regarding the terms of such agreements and are not intended to provide any other factual or disclosure information about the Company. The agreements may contain representations and warranties by the Company, which should not in all instances be treated as categorical statements of fact, but rather as a way of allocating the risk to one of the parties should those statements prove to be inaccurate. The representation and warranties were made only as of the date of the relevant agreement or such other date or dates as may be specified in such agreement and are subject to more recent developments. Accordingly, these representations and warranties alone may not describe the actual state of affairs as of the date they were made or at any other time.

Table of Contents

INDEX

|                                                                                              | <b>Page</b> |
|----------------------------------------------------------------------------------------------|-------------|
| <b><u>PART I FINANCIAL INFORMATION</u></b>                                                   |             |
| <b><u>Item 1.</u></b>                                                                        |             |
| <u>Financial Statements</u>                                                                  | 3           |
| <u>Condensed Consolidated Statements of Comprehensive Income (unaudited)</u>                 | 3           |
| <u>Condensed Consolidated Balance Sheets (unaudited)</u>                                     | 4           |
| <u>Condensed Consolidated Statements of Cash Flows (unaudited)</u>                           | 5           |
| <u>Notes to Condensed Consolidated Financial Statements (unaudited)</u>                      | 6           |
| <b><u>Item 2.</u></b>                                                                        |             |
| <u>Management's Discussion and Analysis of Results of Operations and Financial Condition</u> | 19          |
| <b><u>Item 3.</u></b>                                                                        |             |
| <u>Quantitative and Qualitative Disclosures about Market Risk</u>                            | 26          |
| <b><u>Item 4.</u></b>                                                                        |             |
| <u>Controls and Procedures</u>                                                               | 26          |
| <b><u>PART II OTHER INFORMATION</u></b>                                                      |             |
| <b><u>Item 1.</u></b>                                                                        |             |
| <u>Legal Proceedings</u>                                                                     | 27          |
| <b><u>Item 1A.</u></b>                                                                       |             |
| <u>Risk Factors</u>                                                                          | 27          |
| <b><u>Item 2.</u></b>                                                                        |             |
| <u>Unregistered Sales of Equity Securities and Use of Proceeds</u>                           | 27          |
| <b><u>Item 6.</u></b>                                                                        |             |
| <u>Exhibits</u>                                                                              | 28          |
| <b><u>SIGNATURES</u></b>                                                                     | 29          |
| <b><u>CERTIFICATIONS</u></b>                                                                 |             |
| EX-31.1                                                                                      |             |
| EX-31.2                                                                                      |             |
| EX-32.1                                                                                      |             |
| EX-32.2                                                                                      |             |
| EX-101 INSTANCE DOCUMENT                                                                     |             |
| EX-101 SCHEMA DOCUMENT                                                                       |             |
| EX-101 CALCULATION LINKBASE DOCUMENT                                                         |             |
| EX-101 LABEL LINKBASE DOCUMENT                                                               |             |
| EX-101 PRESENTATION LINKBASE DOCUMENT                                                        |             |

Table of Contents**PART I FINANCIAL INFORMATION****Item 1. Financial Statements**

## CALGON CARBON CORPORATION

## CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Dollars in Thousands except Per Share Data)

(Unaudited)

|                                                                 | Three Months Ended<br>September 30, |            | Nine Months Ended<br>September 30, |            |
|-----------------------------------------------------------------|-------------------------------------|------------|------------------------------------|------------|
|                                                                 | 2015                                | 2014       | 2015                               | 2014       |
| Net sales                                                       | \$ 132,976                          | \$ 137,699 | \$ 404,131                         | \$ 414,463 |
| Cost of products sold (excluding depreciation and amortization) | 84,804                              | 90,106     | 256,636                            | 272,822    |
| Depreciation and amortization                                   | 8,624                               | 7,570      | 25,788                             | 22,124     |
| Selling, general and administrative expenses                    | 20,713                              | 19,544     | 62,813                             | 59,181     |
| Research and development expenses                               | 1,867                               | 1,638      | 4,841                              | 4,794      |
| Restructuring income                                            |                                     | (27)       |                                    | (252)      |
|                                                                 | 116,008                             | 118,831    | 350,078                            | 358,669    |
| Income from operations                                          | 16,968                              | 18,868     | 54,053                             | 55,794     |
| Interest income                                                 | 6                                   | 15         | 51                                 | 56         |
| Interest expense                                                | (254)                               | (32)       | (500)                              | (196)      |
| Other income (expense) net                                      | 890                                 | (401)      | (261)                              | (1,329)    |
| Income before income tax provision                              | 17,610                              | 18,450     | 53,343                             | 54,325     |
| Income tax provision                                            | 5,504                               | 6,226      | 17,596                             | 17,089     |
| Net income                                                      | 12,106                              | 12,224     | 35,747                             | 37,236     |
| Other comprehensive income (loss), net of tax (Note 8)          |                                     |            |                                    |            |
| Foreign currency translation                                    | (2,490)                             | (9,207)    | (9,462)                            | (8,112)    |
| Defined benefit pension plans                                   | 503                                 | 503        | 1,460                              | 825        |
| Derivatives                                                     | (559)                               | 665        | (677)                              | 246        |
| Total other comprehensive loss                                  | (2,546)                             | (8,039)    | (8,679)                            | (7,041)    |
| Total comprehensive income                                      | \$ 9,560                            | \$ 4,185   | \$ 27,068                          | \$ 30,195  |
| Net income per common share                                     |                                     |            |                                    |            |
| Basic                                                           | \$ 0.23                             | \$ 0.23    | \$ 0.68                            | \$ 0.70    |
| Diluted                                                         | \$ 0.23                             | \$ 0.23    | \$ 0.67                            | \$ 0.69    |

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|                                     |    |            |            |            |            |
|-------------------------------------|----|------------|------------|------------|------------|
| Dividends per common share          | \$ | 0.05       | \$         | 0.15       | \$         |
| Weighted average shares outstanding |    |            |            |            |            |
| Basic                               |    | 51,890,984 | 52,856,846 | 52,216,540 | 53,132,952 |
| Diluted                             |    | 52,634,325 | 53,759,306 | 53,045,376 | 54,039,057 |

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

Table of Contents

## CALGON CARBON CORPORATION

## CONDENSED CONSOLIDATED BALANCE SHEETS

(Dollars in Thousands except Per Share Data)

(Unaudited)

|                                                                                                       | September 30,<br>2015 | December 31,<br>2014 |
|-------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
| <b>Assets</b>                                                                                         |                       |                      |
| Current assets:                                                                                       |                       |                      |
| Cash and cash equivalents                                                                             | \$ 55,256             | \$ 53,133            |
| Receivables (net of allowance of \$1,728 and \$1,526)                                                 | 98,568                | 95,232               |
| Revenue recognized in excess of billings on uncompleted contracts                                     | 9,631                 | 10,763               |
| Inventories                                                                                           | 108,256               | 98,446               |
| Deferred income taxes current                                                                         | 16,987                | 19,827               |
| Other current assets                                                                                  | 14,676                | 15,561               |
| Total current assets                                                                                  | 303,374               | 292,962              |
| Property, plant and equipment, net                                                                    | 310,532               | 290,586              |
| Intangibles, net                                                                                      | 4,882                 | 6,281                |
| Goodwill                                                                                              | 25,895                | 26,197               |
| Deferred income taxes long-term                                                                       | 2,586                 | 2,870                |
| Other assets                                                                                          | 1,905                 | 2,765                |
| Total assets                                                                                          | \$ 649,174            | \$ 621,661           |
| <b>Liabilities and Stockholders' Equity</b>                                                           |                       |                      |
| Current liabilities:                                                                                  |                       |                      |
| Accounts payable and accrued liabilities                                                              | \$ 55,730             | \$ 53,614            |
| Restructuring reserve                                                                                 | 132                   | 280                  |
| Billings in excess of revenue recognized on uncompleted contracts                                     | 3,628                 | 5,430                |
| Payroll and benefits payable                                                                          | 12,217                | 14,725               |
| Accrued income taxes                                                                                  | 3,848                 | 537                  |
| Short-term debt                                                                                       | 835                   | 833                  |
| Current portion of long-term debt                                                                     | 5,625                 |                      |
| Total current liabilities                                                                             | 82,015                | 75,419               |
| Long-term debt                                                                                        | 96,331                | 70,448               |
| Deferred income taxes long-term                                                                       | 32,017                | 31,879               |
| Accrued pension and other liabilities                                                                 | 33,416                | 38,442               |
| Total liabilities                                                                                     | 243,779               | 216,188              |
| Commitments and contingencies (Note 11)                                                               |                       |                      |
| Stockholders' equity:                                                                                 |                       |                      |
| Common stock, \$.01 par value, 100,000,000 shares authorized, 57,633,570 and 57,469,389 shares issued | 576                   | 575                  |
| Additional paid-in capital                                                                            | 180,682               | 176,475              |
| Retained earnings                                                                                     | 393,469               | 365,594              |
| Treasury stock, at cost, 9,426,260 and 8,196,372 shares                                               | (133,143)             | (109,661)            |
| Accumulated other comprehensive loss                                                                  | (36,189)              | (27,510)             |
| Total stockholders' equity                                                                            | 405,395               | 405,473              |

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|                                            |    |         |    |         |
|--------------------------------------------|----|---------|----|---------|
| Total liabilities and stockholders' equity | \$ | 649,174 | \$ | 621,661 |
|--------------------------------------------|----|---------|----|---------|

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

Table of Contents

## CALGON CARBON CORPORATION

## CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Dollars in Thousands)

(Unaudited)

|                                                                                             | Nine Months Ended<br>September 30, |           |
|---------------------------------------------------------------------------------------------|------------------------------------|-----------|
|                                                                                             | 2015                               | 2014      |
| <b>Cash flows from operating activities</b>                                                 |                                    |           |
| Net income                                                                                  | \$ 35,747                          | \$ 37,236 |
| Adjustments to reconcile net income to net cash provided by operating activities:           |                                    |           |
| Depreciation and amortization                                                               | 25,788                             | 22,124    |
| Employee benefit plan provisions                                                            | 1,325                              | (144)     |
| Stock-based compensation                                                                    | 2,875                              | 2,840     |
| Deferred income tax expense                                                                 | 2,362                              | 3,717     |
| Restructuring income                                                                        |                                    | (252)     |
| Restructuring cash payments                                                                 |                                    | (83)      |
| Changes in assets and liabilities net of effects from foreign exchange:                     |                                    |           |
| Increase in receivables                                                                     | (5,915)                            | (806)     |
| (Increase) decrease in inventories                                                          | (11,682)                           | 3,935     |
| Decrease in revenue in excess of billings on uncompleted contracts and other current assets | 438                                | 1,481     |
| Increase (decrease) in accounts payable and accrued liabilities                             | 3,056                              | (5,508)   |
| Pension contributions                                                                       | (2,310)                            | (2,366)   |
| Other items net                                                                             | 1,349                              | (795)     |
| Net cash provided by operating activities                                                   | 53,033                             | 61,379    |
| <b>Cash flows from investing activities</b>                                                 |                                    |           |
| Proceeds from sale of assets                                                                |                                    | 451       |
| Capital expenditures                                                                        | (49,226)                           | (43,775)  |
| Government grants received                                                                  |                                    | 1,209     |
| Net cash used in investing activities                                                       | (49,226)                           | (42,115)  |
| <b>Cash flows from financing activities</b>                                                 |                                    |           |
| Japanese working capital loan borrowings short-term (Note 5)                                | 1,643                              | 3,330     |
| Japanese working capital loan repayments short-term (Note 5)                                | (1,667)                            | (4,301)   |
| U.S. credit agreement borrowings long-term (Note 5)                                         | 87,000                             | 68,950    |
| U.S. credit agreement repayments long-term (Note 5)                                         | (55,500)                           | (46,200)  |
| Reductions of debt obligations                                                              |                                    | (1,734)   |
| Treasury stock purchased (Note 7)                                                           | (23,482)                           | (30,967)  |
| Common stock dividends paid                                                                 | (7,872)                            |           |
| Proceeds from the exercise of stock options                                                 | 944                                | 1,547     |
| Net cash provided by (used in) financing activities                                         | 1,066                              | (9,375)   |
| Effect of exchange rate changes on cash and cash equivalents                                | (2,750)                            | (858)     |
| Increase in cash and cash equivalents                                                       | 2,123                              | 9,031     |
| Cash and cash equivalents, beginning of period                                              | 53,133                             | 32,942    |
| Cash and cash equivalents, end of period                                                    | \$ 55,256                          | \$ 41,973 |

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

Table of Contents

CALGON CARBON CORPORATION

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(Dollars in Thousands)

(Unaudited)

**1. Basis of Presentation and Accounting Policies**

The condensed consolidated financial statements included herein are unaudited and have been prepared by Calgon Carbon Corporation and subsidiaries (the Company) pursuant to the rules and regulations of the Securities and Exchange Commission. Certain information and footnote disclosures normally included in audited annual financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to such rules and regulations. Management of the Company believes that the disclosures included herein are adequate to make the information presented not misleading when read in conjunction with the Company's audited consolidated financial statements and the notes included therein for the year ended December 31, 2014, as filed with the Securities and Exchange Commission by the Company on Annual Report on Form 10-K.

In management's opinion, the condensed consolidated financial statements reflect all adjustments, which are of a normal and recurring nature, and which are necessary for a fair presentation, in all material respects, of financial results for the interim periods presented. Operating results for the first nine months of 2015 are not necessarily indicative of the results that may be expected for the year ending December 31, 2015.

Certain prior year amounts have been reclassified to conform to the 2015 presentation. Refer to Note 13 for reclassifications made to include depreciation and amortization expense in income from operations for the Company's segments.

In May 2014, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU), No. 2014-09, Revenue (Topic 606): Revenue from Contracts with Customers which outlines a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance, including industry-specific guidance. The core principle of ASU 2014-09 is that an entity should recognize revenue when it transfers promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services by applying five steps listed in the guidance. ASU 2014-09 also requires disclosure of both quantitative and qualitative information that enables users of financial statements to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from customers. In August 2015, the FASB issued ASU No. 2015-14, which defers the effective date of ASU No. 2014-09 by one year. The new guidance is effective for fiscal years, and interim periods within those years, beginning after December 15, 2017. Early adoption is permitted as of annual reporting periods beginning after December 15, 2016. Entities have the option of using either a full retrospective or a modified retrospective approach. The Company is evaluating the provisions of this ASU and assessing the impact it may have on the Company's consolidated financial statements and related disclosures.

In July 2015, the FASB issued ASU 2015-11, Simplifying the Measurement of Inventory which requires entities to measure most inventory at the lower of cost and net realizable value. This simplifies the current guidance under which an entity measures inventory at the lower of cost or market. Market in this context is defined as one of three different measures, one of which is net realizable value. Net realizable value is

the estimated selling prices in the ordinary course of business, less reasonably predictable costs of completion, disposal, and transportation. The new guidance is effective for fiscal years beginning after December 15, 2016. This ASU should be applied prospectively with earlier application permitted as of the beginning of an interim or annual reporting period. The adoption of this ASU is not expected to have a material impact on the Company's consolidated financial statements.

## 2. Inventories

|                | September 30, 2015 |         | December 31, 2014 |        |
|----------------|--------------------|---------|-------------------|--------|
| Raw materials  | \$                 | 21,786  | \$                | 26,860 |
| Finished goods |                    | 86,470  |                   | 71,586 |
| Total          | \$                 | 108,256 | \$                | 98,446 |

Inventories are recorded net of reserves of \$2.3 million for obsolete and slow-moving items as of September 30, 2015 and December 31, 2014, respectively.

Table of Contents**3. Fair Value Measurements**

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (1) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (2) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

- **Level 1** Quoted prices (unadjusted) in active markets for identical assets or liabilities;
- **Level 2** Inputs, other than the quoted prices in active markets, that are observable either directly or indirectly; and
- **Level 3** Unobservable inputs that reflect the reporting entity's own assumptions.

The following financial instrument assets (liabilities) are presented below at carrying amount, fair value, and classification within the fair value hierarchy (refer to Notes 4 and 5 for details relating to derivative instruments and borrowing arrangements). The only financial instruments measured at fair value on a recurring basis are derivative instruments and the acquisition earn-out liability:

|                                           | Fair Value<br>Hierarchy<br>Level | September 30, 2015 |               | December 31, 2014  |               |
|-------------------------------------------|----------------------------------|--------------------|---------------|--------------------|---------------|
|                                           |                                  | Carrying<br>Amount | Fair<br>Value | Carrying<br>Amount | Fair<br>Value |
| Derivative assets                         | 2                                | \$ 802             | \$ 802        | \$ 2,155           | \$ 2,155      |
| Derivative liabilities                    | 2                                | (726)              | (726)         | (861)              | (861)         |
| Acquisition earn-out liability            | 2                                | (140)              | (140)         | (670)              | (670)         |
| Short-term debt                           | 2                                | (835)              | (835)         | (833)              | (833)         |
| Long-term debt, including current portion | 2                                | (101,956)          | (101,956)     | (70,448)           | (70,448)      |

Cash and cash equivalents, accounts receivable, and accounts payable included in the condensed consolidated balance sheets approximate fair value and are excluded from the table above. The fair value of derivative assets and liabilities are measured based on inputs from market sources that aggregate data based upon market transactions. Fair value for the acquisition earn-out liability is based upon Level 2 inputs which are periodically re-evaluated for changes in future projections and the discount rate. This liability is recorded in accrued pension and other liabilities within the Company's condensed consolidated balance sheets. The recorded debt amounts are primarily based on the prime rate, LIBOR, or Fed Funds rate and, accordingly, the carrying value of these obligations equals fair value.

**4. Derivative Instruments**

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The Company uses foreign currency forward exchange contracts and foreign exchange option contracts to limit the exposure of exchange rate fluctuations on certain foreign currency receivables, payables, and other known and forecasted transactional exposures for periods consistent with the expected cash flow of the underlying transactions. Management's policy for managing foreign currency risk is to use derivatives to hedge up to 75% of the value of the forecasted exposure. The foreign currency forward exchange and foreign exchange option contracts generally mature within eighteen months and are designed to limit exposure to exchange rate fluctuations.

The Company also uses natural gas forward contracts to limit the exposure to changes in natural gas prices. Management's policy for managing natural gas exposure is to use derivatives to hedge up to 75% of the forecasted natural gas requirements. The natural gas forward contracts generally mature within twenty-four months.

The Company accounts for its derivative instruments under ASC 815 Derivatives and Hedging. Hedge effectiveness is measured on a quarterly basis and any portion of ineffectiveness as well as hedge components excluded from the assessment of effectiveness are recorded directly to current earnings, in other expense - net.

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## Table of Contents

The fair value of outstanding derivative contracts in the condensed consolidated balance sheets was as follows:

| <b>Asset Derivatives</b>                                  | <b>Balance Sheet Locations</b>           | <b>September 30, 2015</b> | <b>December 31, 2014</b> |
|-----------------------------------------------------------|------------------------------------------|---------------------------|--------------------------|
| <b>Derivatives designated as hedging instruments:</b>     |                                          |                           |                          |
| Foreign exchange contracts                                | Other current assets                     | \$ 763                    | \$ 1,665                 |
| Foreign exchange contracts                                | Other assets                             | 1                         | 182                      |
| <b>Derivatives not designated as hedging instruments:</b> |                                          |                           |                          |
| Foreign exchange contracts                                | Other current assets                     | 38                        | 308                      |
| <b>Total asset derivatives</b>                            |                                          | <b>\$ 802</b>             | <b>\$ 2,155</b>          |
| <b>Liability Derivatives</b>                              |                                          |                           |                          |
| <b>Derivatives designated as hedging instruments:</b>     |                                          |                           |                          |
| Foreign exchange contracts                                | Accounts payable and accrued liabilities | \$ 19                     | \$                       |
| Natural gas contracts                                     | Accounts payable and accrued liabilities | 434                       | 427                      |
| Foreign exchange contracts                                | Accrued pension and other liabilities    | 20                        |                          |
| Natural gas contracts                                     | Accrued pension and other liabilities    | 196                       | 372                      |
| <b>Derivatives not designated as hedging instruments:</b> |                                          |                           |                          |
| Foreign exchange contracts                                | Accounts payable and accrued liabilities | 57                        | 62                       |
| <b>Total liability derivatives</b>                        |                                          | <b>\$ 726</b>             | <b>\$ 861</b>            |

The Company had the following outstanding derivative contracts that were entered into to hedge forecasted transactions:

| <b>(in thousands except for mmbtu)</b> | <b>September 30, 2015</b> | <b>December 31, 2014</b> |
|----------------------------------------|---------------------------|--------------------------|
| Natural gas contracts (mmbtu)          | 925,000                   | 810,000                  |
| Foreign exchange contracts             | \$ 9,600                  | \$ 41,237                |

The use of derivatives exposes the Company to the risk that a counterparty may default on a derivative contract. The Company enters into derivative financial instruments with high credit quality counterparties and diversifies its positions among such counterparties. The aggregate fair value of the Company's derivative instruments in asset positions represents the maximum loss that the Company would recognize at that date if all counterparties failed to perform as contracted. The Company has entered into various master netting arrangements with counterparties to facilitate settlement of gains and losses on these contracts. These arrangements may allow for netting of exposures in the event of default or termination of the counterparty agreement due to breach of contract. The Company does not net its derivative positions by counterparty for purposes of balance sheet presentation and disclosure.

|                                                          | <b>September 30, 2015</b>   |                                  | <b>December 31, 2014</b>    |                                  |
|----------------------------------------------------------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|
|                                                          | <b>Fair Value of Assets</b> | <b>Fair Value of Liabilities</b> | <b>Fair Value of Assets</b> | <b>Fair Value of Liabilities</b> |
| Gross derivative amounts recognized in the balance sheet | \$ 802                      | \$ 726                           | \$ 2,155                    | \$ 861                           |
|                                                          | (96)                        | (96)                             | (26)                        | (26)                             |

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Gross derivative amounts not offset in the balance sheet that are eligible for offsetting

|            |    |     |    |     |    |       |    |     |
|------------|----|-----|----|-----|----|-------|----|-----|
| Net amount | \$ | 706 | \$ | 630 | \$ | 2,129 | \$ | 835 |
|------------|----|-----|----|-----|----|-------|----|-----|

### Derivatives in Cash Flow Hedging Relationships

For derivative instruments that are designated and qualify as cash flow hedges, the effective portion of the gain or loss on the derivative is reported as a component of other comprehensive income (loss) (OCI) and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings. The location of the gain or (loss) reclassified into earnings (effective portion) for derivatives in cash flow hedging relationships is cost of products sold (excluding depreciation and amortization).

Table of Contents

|                            | Amount of Gain or (Loss) Recognized<br>in OCI on Derivatives (Effective Portion) |          |                                 |        |
|----------------------------|----------------------------------------------------------------------------------|----------|---------------------------------|--------|
|                            | Three Months Ended September 30,                                                 |          | Nine Months Ended September 30, |        |
|                            | 2015                                                                             | 2014     | 2015                            | 2014   |
| Foreign exchange contracts | \$ (221)                                                                         | \$ 1,409 | \$ 649                          | \$ 911 |
| Natural gas contracts      | (342)                                                                            | (182)    | (692)                           | (51)   |
| Total                      | \$ (563)                                                                         | \$ 1,227 | \$ (43)                         | \$ 860 |

|                            | Amount of Gain or (Loss) Reclassified from<br>Accumulated OCI into Earnings (Effective Portion) (1) |        |                                 |        |
|----------------------------|-----------------------------------------------------------------------------------------------------|--------|---------------------------------|--------|
|                            | Three Months Ended September 30,                                                                    |        | Nine Months Ended September 30, |        |
|                            | 2015                                                                                                | 2014   | 2015                            | 2014   |
| Foreign exchange contracts | \$ 600                                                                                              | \$ 90  | \$ 1,668                        | \$ 306 |
| Natural gas contracts      | (292)                                                                                               | 91     | (696)                           | 253    |
| Total                      | \$ 308                                                                                              | \$ 181 | \$ 972                          | \$ 559 |

(1) Assuming market rates remain constant with the rates as of September 30, 2015, a gain of approximately \$0.3 million is expected to be recognized in earnings over the next 12 months.

During the three and nine months ended September 30, 2015 and 2014, there was no gain or (loss) recognized in earnings on derivatives related to the ineffective portion and the amount excluded from effectiveness testing.

#### Derivatives Not Designated as Hedging Instruments

The Company has also entered into certain derivatives to minimize its exposure of exchange rate fluctuations on certain foreign currency receivables, payables, and other known and forecasted transactional exposures. The Company has not qualified these contracts for hedge accounting treatment and therefore, the fair value gains and losses on these contracts are recorded in earnings, in other expense - net as follows:

|                            | Amount of Gain or (Loss) Recognized in Earnings on Derivatives |       |                                 |          |
|----------------------------|----------------------------------------------------------------|-------|---------------------------------|----------|
|                            | Three Months Ended September 30,                               |       | Nine Months Ended September 30, |          |
|                            | 2015                                                           | 2014  | 2015                            | 2014     |
| Foreign exchange contracts | \$ (303)                                                       | \$ 89 | \$ (1,033)                      | \$ (126) |
| Total                      | \$ (303)                                                       | \$ 89 | \$ (1,033)                      | \$ (126) |

## 5. Borrowing Arrangements

| Short-Term Debt                                |    | September 30, 2015 | December 31, 2014 |
|------------------------------------------------|----|--------------------|-------------------|
| Borrowings under Japanese Working Capital Loan | \$ | 835                | \$ 833            |
| Total Short-Term Debt                          | \$ | 835                | \$ 833            |
| Long-Term Debt                                 |    | September 30, 2015 | December 31, 2014 |
| U.S. Credit Agreement Borrowings               | \$ | 98,200             | \$ 66,700         |

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|                                        |    |         |    |        |
|----------------------------------------|----|---------|----|--------|
| Japanese Term Loan Borrowings          |    | 3,756   |    | 3,748  |
| Total Long-Term Debt                   | \$ | 101,956 | \$ | 70,448 |
| Less Current Portion of Long-Term Debt |    | (5,625) |    |        |
| Net Long-Term Debt                     | \$ | 96,331  | \$ | 70,448 |

### U. S. Credit Agreement

On November 6, 2013, the Company entered into the U.S. Credit Agreement (Credit Agreement) which provides for a senior unsecured revolving credit facility (Revolver) in an amount up to \$225.0 million which was originally set to expire on November 6, 2018. On November 6, 2014, an amendment was signed to the Credit Agreement in order to extend the expiration date for one additional year and to release certain guarantors under the Credit Agreement that have nominal value. On November 6, 2015, an additional amendment was signed which extends the Revolver for an additional one-year period to November 6, 2020. A portion of the Revolver not in excess of \$75.0 million shall be available for standby or letters of credit for trade, \$15.0 million shall be available for swing loans, and \$50.0 million shall be available for loans or letters of credit in certain foreign denominated currencies. The

Table of Contents

Company may have the option to increase the Revolver in an amount not to exceed \$75.0 million with the consent of the Lenders. Availability under the Revolver is conditioned upon various customary conditions.

The Credit Agreement also provides for senior unsecured delayed draw term loans (Delayed Draw Term Loans) in an aggregate amount up to \$75.0 million which expire on November 6, 2020. During the third quarter of 2015, the Company converted borrowings of \$30 million from its Revolver to the Delayed Draw Term Loan. The full amount of the Delayed Draw Term Loans is now outstanding as of September 30, 2015. Beginning January 1, 2016, quarterly repayments are required equal to 2.5% of the outstanding balance of the Delayed Draw Term Loans, with the remaining balance due on the November 6, 2020 expiration date. As a result, as of September 30, 2015, \$5.6 million is shown as current portion of long-term debt within the condensed consolidated balance sheet.

Upon entering into the Credit Agreement, the Company incurred issuance costs of \$0.8 million which were deferred and are being amortized over the term of the Revolver and Delayed Draw Term Loan facilities. A quarterly nonrefundable commitment fee is payable by the Company based on the unused availability under the Revolver and the undrawn portion of the Delayed Draw Term Loans and is currently equal to 0.15%.

The interest rate on amounts owed under the Revolver and Delayed Draw Term Loans will be, at the Company's option, either (i) a fluctuating Base Rate or (ii) an adjusted LIBOR rate plus in each case, an applicable margin based on the Company's leverage ratio as set forth in the Credit Agreement. The interest rate charged on amounts owed under swing loans will be either (i) a fluctuating Base Rate or (ii) such other interest rates as the lender and the Company may agree to from time to time. The interest rate per annum on outstanding borrowings as of September 30, 2015 ranged from 1.20% to 1.35%.

Total outstanding borrowings under the Revolver were \$23.2 million and \$21.7 million as of September 30, 2015 and December 31, 2014, respectively. Total availability under the Revolver as of September 30, 2015 and December 31, 2014 was \$199.6 million and \$201.1 million, respectively, after considering borrowings and the outstanding letters of credit of \$2.2 million as of both periods. Total outstanding borrowings under the Delayed Draw Term Loans were \$75.0 million and \$45.0 million, respectively as of September 30, 2015 and December 31, 2014. Total availability under the Delayed Draw Term Loans was zero and \$30.0 million, respectively as of September 30, 2015 and December 31, 2014. The outstanding borrowings are shown as current portion of long-term debt and long-term debt within the condensed consolidated balance sheets, and borrowings and repayments are presented on a gross basis within the Company's condensed consolidated statements of cash flows.

Certain of the Company's domestic subsidiaries unconditionally guarantee all indebtedness and obligations related to borrowings under the Credit Agreement. The Company's obligations under the Credit Agreement are unsecured.

The Credit Agreement contains customary affirmative and negative covenants for credit facilities of this type. The Company is permitted to pay dividends so long as the sum of availability under the Credit Agreement and the amount of U.S. cash on hand is at least \$50.0 million, and debt is less than or equal to 2.75x earnings before interest, taxes, depreciation and amortization. In addition, the Credit Agreement includes limitations on the Company and its subsidiaries with respect to indebtedness, additional liens, disposition of assets or subsidiaries, and transactions with affiliates. The Company must comply with certain financial covenants including a minimum interest coverage ratio and a maximum leverage ratio as defined within the Credit Agreement. The Credit Agreement also provides for customary events of default, including failure to pay principal or interest when due, breach of representations and warranties, certain insolvency or receivership events affecting the Company and its subsidiaries and a change in control of the Company. If an event of default occurs, the lenders will be under no

further obligations to make loans or issue letters of credit. Upon the occurrence of certain events of default, all outstanding obligations of the Company automatically will become immediately due and payable, and other events of default will allow the agent to declare all or any portion of the outstanding obligations of the Company to be immediately due and payable.

#### **Japanese Loans**

Calgon Carbon Japan (CCJ) maintains a Term Loan Agreement (Japanese Term Loan) and a Working Capital Loan Agreement (Japanese Working Capital Loan). The Company is jointly and severally liable as the guarantor of CCJ's obligations and the Company permitted CCJ to grant a security interest and continuing lien in certain of its assets, including inventory and accounts receivable, to secure its obligations under both loan agreements.

CCJ signed an agreement on May 10, 2013 for the Japanese Term Loan, which provides for borrowings up to 1.0 billion Japanese Yen, and bears interest based on the Uncollateralized Overnight Call Rate plus 0.6%, which totaled 0.7% per annum as of September 30, 2015. This loan matures on May 10, 2017. As of September 30, 2015, CCJ had 450 million Japanese Yen or \$3.8 million of outstanding borrowings under this facility, while as of December 31, 2014, CCJ had 450 million Japanese Yen or \$3.7 million outstanding. The outstanding borrowings are shown as long-term debt within the condensed consolidated balance sheets, and borrowings and repayments are presented on a gross basis within the Company's condensed consolidated statements of cash flows.

Table of Contents

The Japanese Working Capital Loan provides for borrowings up to 1.5 billion Japanese Yen, and bears interest based on the Short-term Prime Rate, which was 1.475% as of September 30, 2015. During the first quarter of 2015, the maturity date of the Japanese Working Capital Loan was extended to March 31, 2016. Borrowings and repayments under the Japanese Working Capital Loan have generally occurred in short term intervals, as needed, in order to ensure adequate liquidity while minimizing outstanding borrowings. As of both September 30, 2015 and December 31, 2014, CCJ had 100 million Japanese Yen or \$0.8 million of outstanding borrowings under this facility. The outstanding borrowings are shown as short-term debt within the condensed consolidated balance sheets, and borrowings and repayments are presented on a gross basis within the Company's condensed consolidated statements of cash flows.

**Chinese Credit Facility**

On August 7, 2015, an amendment was signed to the Uncommitted Revolving Loan Facility Letter (Facility Letter) which was effective as of July 19, 2015 and provides for an uncommitted line of credit totaling 5.0 million Renminbi (RMB) or \$0.8 million through July 19, 2016. The Company is jointly and severally liable as the guarantor under the Facility Letter. There were no outstanding borrowings under this facility as of September 30, 2015 and December 31, 2014.

**Belgian Credit Facility**

The Company maintains an unsecured Belgian credit facility totaling 2.0 million Euros. There are no financial covenants and the Company had no outstanding borrowings under the Belgian credit facility as of September 30, 2015 and December 31, 2014, respectively. Bank guarantees of 1.0 million Euros and 0.9 million Euros were issued as of September 30, 2015 and December 31, 2014, respectively.

**United Kingdom Credit Facility**

The Company maintains a United Kingdom credit facility for the issuance of various letters of credit and guarantees totaling 0.6 million British Pounds Sterling. Bank guarantees of 0.4 million British Pounds Sterling were issued as of September 30, 2015 and December 31, 2014, respectively.

**6. Pensions**

**U.S. Plans**

For the U.S. plans, the following table provides the components of net periodic pension cost (benefit) of the plans for the three and nine month periods ended September 30, 2015 and 2014:

|                                     | Three Months Ended September 30, |          | Nine Months Ended September 30, |          |
|-------------------------------------|----------------------------------|----------|---------------------------------|----------|
|                                     | 2015                             | 2014     | 2015                            | 2014     |
| Service cost                        | \$ 285                           | \$ 224   | \$ 853                          | \$ 671   |
| Interest cost                       | 1,138                            | 1,204    | 3,365                           | 3,611    |
| Expected return on plan assets      | (1,783)                          | (1,885)  | (5,349)                         | (5,656)  |
| Amortization of prior service cost  | 4                                | 18       | 11                              | 55       |
| Net actuarial loss amortization     | 646                              | 219      | 1,916                           | 658      |
| Settlement                          | 480                              |          | 480                             |          |
| Net periodic pension cost (benefit) | \$ 770                           | \$ (220) | \$ 1,276                        | \$ (661) |

During the nine month period ended September 30, 2015, the Company made a \$1.2 million discretionary contribution to the U.S. plans. The Company incurred a settlement charge of \$0.5 million in the third quarter of 2015 as a result of lump sum payments elected by retiring employees. As a result of continuing retirements, the Company believes that it may incur an additional settlement charge in the fourth quarter of 2015, however, the amount is not yet estimable.

Table of Contents**European Plans**

For the European plans, the following table provides the components of net periodic pension cost (benefit) of the plans for the three and nine month periods ended September 30, 2015 and 2014:

|                                 | Three Months Ended September 30,<br>2015 |       | 2014 |       | Nine Months Ended September 30,<br>2015 |         | 2014 |         |
|---------------------------------|------------------------------------------|-------|------|-------|-----------------------------------------|---------|------|---------|
| Service cost                    | \$                                       | 72    | \$   | 83    | \$                                      | 217     | \$   | 255     |
| Interest cost                   |                                          | 309   |      | 404   |                                         | 920     |      | 1,220   |
| Expected return on plan assets  |                                          | (421) |      | (379) |                                         | (1,251) |      | (1,140) |
| Net actuarial loss amortization |                                          | 54    |      | 60    |                                         | 163     |      | 182     |
| Net periodic pension cost       | \$                                       | 14    | \$   | 168   | \$                                      | 49      | \$   | 517     |

**Multi-Employer Plan**

In addition to the aforementioned European plans, the Company participates in a multi-employer plan in Europe. This multi-employer plan almost entirely relates to former employees of operations it has divested. Benefits are distributed by the multi-employer plan. As of September 30, 2015 and December 31, 2014, respectively, the Company has a \$0.9 million liability recorded as a component of payroll and benefits payable within its condensed consolidated balance sheets. Refer to Note 11 for further information related to this multi-employer plan.

**7. Stockholders Equity**

During the first quarter of 2015, the Company's Board of Directors reinstated its common stock dividend program. Dividends on common stock of \$0.05 per share were declared and paid in the first, second and third quarters of 2015. In addition, in November 2015, the Company's Board of Directors declared a dividend on common stock of \$0.05 per share. The Company's Board of Directors did not declare or pay a dividend for the three or nine months ended September 30, 2014.

In December 2013, the Company's Board of Directors approved a share repurchase program with a total of \$150 million of purchases authorized. During the nine months ended September 30, 2015 and 2014, the Company repurchased 1,263,791 and 1,485,141 shares, respectively, at an average price of \$18.04 per share and \$20.54 per share, respectively. As of September 30, 2015, the Company had repurchased a total of 3,341,432 shares at an average price of \$19.61 per share under this program. During the period October 1, 2015 through October 30, 2015, the Company repurchased an additional 307,600 shares at an average share price of \$16.60 per share. All of the above mentioned repurchases were funded from operating cash flows, cash on hand, and borrowings and the shares are initially held as treasury stock. Subsequent to these repurchases, the Company's remaining authorization to repurchase its common stock is approximately \$79.4 million.

**8. Accumulated Other Comprehensive Income (Loss)**

The changes in the components of accumulated other comprehensive income (loss), net of tax, are as follows:

|                                                             | <b>Foreign<br/>Currency<br/>Translation<br/>Adjustments</b> | <b>Defined<br/>Benefit<br/>Pension Plan<br/>Adjustments</b> | <b>Derivatives</b> | <b>Total<br/>Accumulated<br/>Other<br/>Comprehensive<br/>Income (Loss)</b> |
|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|--------------------|----------------------------------------------------------------------------|
| Balance as of December 31, 2014, net of tax                 | \$ 1,943                                                    | \$ (30,358)                                                 | \$ 905             | \$ (27,510)                                                                |
| Other comprehensive income (loss) before reclassifications  | (9,462)                                                     | 103                                                         | (2)                | (9,361)                                                                    |
| Amounts reclassified from other comprehensive income (loss) |                                                             | 1,357                                                       | (675)              | 682                                                                        |
| Net current period other comprehensive income (loss)        | (9,462)                                                     | 1,460                                                       | (677)              | (8,679)                                                                    |
| Balance as of September 30, 2015, net of tax                | \$ (7,519)                                                  | \$ (28,898)                                                 | \$ 228             | \$ (36,189)                                                                |

Table of Contents

|                                                             | Foreign<br>Currency<br>Translation<br>Adjustments | Defined<br>Benefit<br>Pension Plan<br>Adjustments | Derivatives | Total<br>Accumulated<br>Other<br>Comprehensive<br>Income (Loss) |
|-------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|-------------|-----------------------------------------------------------------|
| Balance as of December 31, 2013, net of tax                 | \$ 16,793                                         | \$ (18,450)                                       | \$ 517      | \$ (1,140)                                                      |
| Other comprehensive income (loss) before reclassifications  | (8,112)                                           | 254                                               | 558         | (7,300)                                                         |
| Amounts reclassified from other comprehensive income (loss) |                                                   | 571                                               | (312)       | 259                                                             |
| Net current period other comprehensive income (loss)        | (8,112)                                           | 825                                               | 246         | (7,041)                                                         |
| Balance as of September 30, 2014, net of tax                | \$ 8,681                                          | \$ (17,625)                                       | \$ 763      | \$ (8,181)                                                      |

| Details about Accumulated<br>Other Comprehensive Income<br>(Loss) Components | Amounts Reclassified from<br>Accumulated Other Comprehensive Income (Loss) (1) |          |                                         |          | Affected Line Item in the<br>Statement where<br>Net Income is Presented |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------|-----------------------------------------|----------|-------------------------------------------------------------------------|
|                                                                              | Three Months Ended September 30,<br>2015                                       | 2014     | Nine Months Ended September 30,<br>2015 | 2014     |                                                                         |
| <b>Defined Benefit Pension Plan Adjustments:</b>                             |                                                                                |          |                                         |          |                                                                         |
| Prior-service costs                                                          | \$ (4)                                                                         | \$ (18)  | \$ (11)                                 | \$ (55)  | (2)                                                                     |
| Actuarial losses                                                             | (700)                                                                          | (279)    | (2,079)                                 | (840)    | (2)                                                                     |
|                                                                              | (704)                                                                          | (297)    | (2,090)                                 | (895)    | Total before tax                                                        |
|                                                                              | 246                                                                            | 105      | 733                                     | 324      | Tax (expense) or benefit                                                |
|                                                                              | \$ (458)                                                                       | \$ (192) | \$ (1,357)                              | \$ (571) | Net of tax                                                              |
| <b>Derivatives:</b>                                                          |                                                                                |          |                                         |          |                                                                         |
| Foreign exchange contracts                                                   |                                                                                |          |                                         |          | Cost of products sold<br>(excluding depreciation<br>and amortization)   |
|                                                                              | \$ 600                                                                         | \$ 90    | \$ 1,668                                | \$ 306   |                                                                         |
| Natural gas contracts                                                        |                                                                                |          |                                         |          | Cost of products sold<br>(excluding depreciation<br>and amortization)   |
|                                                                              | (292)                                                                          | 91       | (696)                                   | 253      |                                                                         |
|                                                                              | 308                                                                            | 181      | 972                                     | 559      | Total before tax                                                        |
|                                                                              | (92)                                                                           | (77)     | (297)                                   | (247)    | Tax (expense) or benefit                                                |
|                                                                              | \$ 216                                                                         | \$ 104   | \$ 675                                  | \$ 312   | Net of tax                                                              |
| Total reclassifications for the<br>period                                    |                                                                                |          |                                         |          |                                                                         |
|                                                                              | \$ (242)                                                                       | \$ (88)  | \$ (682)                                | \$ (259) | Net of tax                                                              |

(1) Amounts in parentheses indicate debits to income/loss.

(2) These accumulated other comprehensive income (loss) components are included in the computation of net periodic pension cost.

Foreign currency translation adjustments exclude income tax expense (benefit) for the earnings of the Company's non-U.S. subsidiaries as management believes these earnings will be reinvested for an indefinite period of time. Determination of the amount of unrecognized deferred U.S. income tax liability on these unremitted earnings is not practicable.

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The income tax benefit associated with ASC 715 Compensation Retirement Benefits included in accumulated other comprehensive loss was \$16.2 million and \$17.4 million as of September 30, 2015 and December 31, 2014, respectively. The income tax expense associated with the Company's derivatives included in accumulated other comprehensive income was \$0.1 million and \$0.5 million as of September 30, 2015 and December 31, 2014, respectively.

The following table contains the components of income tax expense (benefit) included in other comprehensive income (loss):

|                              | Three Months Ended September 30, |        | Nine Months Ended September 30, |        |
|------------------------------|----------------------------------|--------|---------------------------------|--------|
|                              | 2015                             | 2014   | 2015                            | 2014   |
| Defined benefit pension plan | \$ 246                           | \$ 105 | \$ 733                          | \$ 324 |
| Derivatives                  | (282)                            | 372    | (324)                           | 86     |

Table of Contents**9. Basic and Diluted Net Income Per Common Share**

Computation of basic and diluted net income per common share is performed as follows:

| (Dollars in thousands, except per share amounts) | Three Months Ended September 30, |            | Nine Months Ended September 30, |            |
|--------------------------------------------------|----------------------------------|------------|---------------------------------|------------|
|                                                  | 2015                             | 2014       | 2015                            | 2014       |
| Net income available to common shareholders      | \$ 12,106                        | \$ 12,224  | \$ 35,747                       | \$ 37,236  |
| Weighted Average Shares Outstanding              |                                  |            |                                 |            |
| Basic                                            | 51,890,984                       | 52,856,846 | 52,216,540                      | 53,132,952 |
| Effect of Dilutive Securities                    | 743,341                          | 902,460    | 828,836                         | 906,105    |
| Diluted                                          | 52,634,325                       | 53,759,306 | 53,045,376                      | 54,039,057 |
| Net income per common share                      |                                  |            |                                 |            |
| Basic                                            | \$ 0.23                          | \$ 0.23    | \$ 0.68                         | \$ 0.70    |
| Diluted                                          | \$ 0.23                          | \$ 0.23    | \$ 0.67                         | \$ 0.69    |

The number of stock based compensation awards that were excluded from the dilutive calculations as the effect would have been antidilutive were 1,130,653 and 341,174 for the three months ended September 30, 2015 and 2014, respectively. The number of stock based compensation awards that were excluded from the dilutive calculations as the effect would have been antidilutive were 839,628 and 341,174 for the nine months ended September 30, 2015 and 2014, respectively.

**10. Income Taxes**

The effective tax rate for the three months ended September 30, 2015 was 31.3% compared to 33.8% for the same period in 2014. The tax rate for the three months ended September 30, 2015 and the same period for 2014 was lower than the U.S. Federal statutory rate (U.S. rate) of 35% primarily due to the mix of income earned in foreign taxing jurisdictions where the tax rate is lower than the U.S. rate.

During the second quarter of 2014, the Internal Revenue Service (IRS) completed its joint committee review of the Company's 2008 amended income tax return. As a result of the conclusion of this examination, the Company received an income tax refund of \$2.5 million including tax and interest which was recorded in other current assets within the Company's condensed consolidated balance sheet. The Company also released net uncertain tax positions including related accrued interest and penalties of \$1.4 million, all of which impacted the Company's effective tax rate.

The effective tax rate for the nine months ended September 30, 2015 was 33.0% compared to 31.5% for the nine months ended September 30, 2014. The tax rate for the nine months ended September 30, 2015 was lower than the U.S. rate primarily due to the mix of income earned in foreign taxing jurisdictions where the tax rate is lower than the U.S. rate. The tax rate for the nine months ended September 30, 2014 was lower than the U.S. rate primarily due to the aforementioned uncertain tax position release, as well as the mix of income earned in foreign taxing jurisdictions

where the tax rate is lower than the U.S. rate, and other permanent non-taxable items.

## 11. Commitments and Contingencies

### Waterlink

In conjunction with the February 2004 purchase of substantially all of Waterlink Inc.'s (Waterlink) operating assets and the stock of Waterlink's U.K. subsidiary, environmental studies were performed on Waterlink's Columbus, Ohio property by environmental consulting firms that provided an identification and characterization of certain areas of contamination. In addition, these firms identified alternative methods of remediating the property and prepared cost evaluations of the various alternatives. The Company concluded from the information in the studies that a loss at this property was probable and recorded the liability. As of September 30, 2015 and December 31, 2014, the balances recorded were \$0.1 million and \$0.1 million as a component of accounts payable and accrued liabilities and \$0.3 million and \$0.4 million as a component of accrued pension and other liabilities, respectively. Liability estimates are based on an evaluation of, among other factors, currently available facts, existing technology, presently enacted laws and regulations, and the remediation experience of experts in groundwater remediation. It is possible that a further change in the estimate of this obligation will occur as remediation progresses. Remediation activities are ongoing and are currently expected to be completed by the end of 2016.

Table of Contents

**Carbon Imports**

**General Anti-Dumping Background:** In March 2006, the Company and another U.S. producer of activated carbon (collectively, the Petitioners) requested that the U.S. Department of Commerce (Commerce Department) investigate unfair pricing of certain thermally activated carbon imported from the People's Republic of China (China). In 2007, the Commerce Department found that imports of the subject merchandise from China were being unfairly priced (or dumped). Following a finding by the U.S. International Trade Commission (ITC) that the domestic industry was injured by unfairly traded imports of activated carbon from China, the Commerce Department issued an anti-dumping order imposing tariffs on Chinese imports to offset the amount of the unfair pricing. The Commerce Department published the antidumping order in the Federal Register in April 2007, and all imports from China remain subject to it. Importers of subject activated carbon from China are required to make cash deposits of estimated anti-dumping duties at the time the goods are entered into the U.S. customs territory. Final assessment of duties and duty deposits are subject to revision based on annual retrospective reviews conducted by the Commerce Department.

The Company is a domestic producer, exporter from China (through its wholly-owned subsidiary Calgon Carbon (Tianjin) Co., Ltd. (Calgon Carbon Tianjin)), and a U.S. importer of the activated carbon that is subject to the anti-dumping order. As such, the Company's involvement in the Commerce Department's proceedings is both as a domestic producer (a petitioner) and as a foreign exporter (a respondent).

The Company's role as an importer, which has in the past (and may in the future) required it to pay anti-dumping duties, results in a contingent liability related to the final amount of tariffs that are ultimately assessed on the imported product following the Commerce Department's annual review of relevant shipments and calculation of the anti-dumping duties due. As a result of proceedings before the Commerce Department that concluded in October 2015, the Company is currently required to post a duty of \$0.476 per pound when importing activated carbon from Calgon Carbon Tianjin into the U.S. The impact of the tariffs to the Company's financial results was not material for the nine months ended September 30, 2015 and 2014, respectively. However, the Company's ultimate assessment rate and future cash deposit rate on such imports could change in the future, as a result of on-going proceedings before the Commerce Department.

As part of its standard process, the Commerce Department conducts annual reviews of sales made to the first unaffiliated U.S. customer, typically over the prior 12-month period. These reviews will be conducted for at least five years subsequent to a determination by the ITC in February 2013, finding that the anti-dumping duty order should remain in effect. These reviews can result in changes to the anti-dumping tariff rate (either increasing or reducing the rate) applicable to any foreign exporter. Revision of tariff rates has two effects. First, it will alter the actual amount of tariffs that U.S. Customs and Border Protection (Customs) will collect for the period reviewed, by either collecting additional duties above those deposited with Customs by the U.S. importer at the time of entry or refunding a portion of the duties deposited at the time of importation to reflect a decline in the margin of dumping. If the actual amount of tariffs owed increases, Customs will require the U.S. importer to pay the difference, plus interest. Conversely, if the tariff rate decreases, any difference will be refunded by Customs to the U.S. importer with interest. Second, the revised rate becomes the cash deposit rate applied to future entries, and can either increase or decrease the amount of duty deposits an importer will be required to post at the time of importation.

There have been eight periods of review since the anti-dumping order was published in 2007. Periods of Review (POR) I, II, and V, related to the periods that ended on March 31, 2008, 2009, and 2012, respectively, are final and not subject to further review or appeal. A summary of the proceedings in the remaining PORs follows below.

**Period of Review III:** On October 31, 2011, the Commerce Department published the final results of its third annual administrative review, which covers imports that entered the U.S. between April 1, 2009 and March 31, 2010 (POR III). Based on the POR III results, the Company's ongoing duty deposit rate was adjusted to zero. The Company recorded a receivable of \$1.1 million reflecting expected refunds for duty deposits made during POR III as a result of the announced decrease in the POR III assessment rate. The Commerce Department continued to assign cooperative respondents involved in POR III a deposit rate of \$0.127 per pound.

In early December 2011, several separate rate respondents appealed the Commerce Department's final results of POR III. Following the submission of briefs by the parties, the Court of International Trade (Court) remanded the case to the Commerce Department for further analysis. On January 9, 2014, the Commerce Department filed its remand redetermination with the Court, and continued to calculate a zero duty for the Company during POR III. In addition, the Commerce Department revised its earlier determination and assigned a zero margin as a separate rate to several Chinese producers/exporters of steam activated carbon to the U.S. that were not subjected to an individual investigation. The Company contested this aspect of the Commerce Department's redetermination. On November 24, 2014, the Court affirmed the Commerce Department's remand determination. Various parties involved in this review, including the Company, have appealed the decision to the United States Court of Appeals for the Federal Circuit (Court of Appeals). Briefing on this appeal will be occurring throughout 2015, and a decision from the Court of Appeals is possible in late 2015 or early 2016.

Table of Contents

**Period of Review IV:** On November 9, 2012, the Commerce Department published the final results of its fourth administrative review, which covers imports of thermally activated carbon from China that entered the U.S. between April 1, 2010 and March 31, 2011 (POR IV). The Commerce Department calculated anti-dumping margins for the mandatory respondents it examined ranging from \$0.20 per pound to \$0.96 per pound, and it calculated an anti-dumping margin of \$0.47 per pound for the separate rate respondents whose shipments of activated carbon to the U.S. were not individually reviewed. The Company, as a Chinese exporter and a U.S. importer, elected not to participate as a respondent in this administrative review. By not participating as a respondent in the review, the Company's tariff deposits made at a rate of 14.51% during POR IV became final and are not subject to further adjustment. The Company's ongoing deposit rate continued to be zero, as a result of the company-specific rate calculated in POR III. Appeals challenging the Commerce Department's final results for POR IV were commenced before the Court, and the Court issued a decision on June 24, 2014 that sustained the Commerce Department's final results in their entirety. An appeal of this decision was filed with the Court of Appeals by various respondent parties. The Company participated in the proceedings before the Court of Appeals and supported the affirmance of the Commerce Department's final results in POR IV. A decision by the Court of Appeals on the Chinese exporters challenges was issued on August 3, 2015 affirming the Commerce Department's final results. While the various respondent parties could petition the United States Supreme Court to review the decision, the Company believes that it is unlikely that the decision will be altered.

**Period of Review VI:** On November 19, 2014, the Commerce Department announced the final margins for its sixth administrative review (POR VI), which covers imports that entered the U.S. between April 1, 2012 and March 31, 2013. The Commerce Department calculated a margin of \$0.018 per pound for both mandatory and separate rate respondents, and \$1.10 per pound for the China wide rate. Calgon Carbon Tianjin was assigned a margin of \$0.018 per pound as it was considered a separate rate respondent. In December 2014, an appeal was commenced challenging the final results of the sixth administrative review. Briefing will take place on this appeal throughout the fourth quarter of 2015, and a decision by the Court is possible in the fourth quarter of 2015 or early in 2016.

**Period of Review VII:** On April 1, 2014, the Commerce Department published a notice allowing parties to request a seventh annual administrative review of the anti-dumping duty order covering the period April 1, 2013 through March 31, 2014 (POR VII). The Commerce Department selected two mandatory respondents to be reviewed. The preliminary results of the Commerce Department's review of POR VII were announced on April 30, 2015, with the margins ranging from \$0.00 per pound to \$0.24 per pound for mandatory respondents, \$0.24 per pound for separate rate respondents, and \$1.10 per pound for the China wide rate. Calgon Carbon Tianjin was preliminarily assigned a margin of \$0.24 per pound, as it was considered a separate rate respondent. The Commerce Department announced the final results for POR VII on October 5, 2015. The Commerce Department calculated anti-dumping margins for the mandatory respondents it examined ranging from \$0.00 per pound to \$0.476 per pound, and it calculated an anti-dumping margin of \$0.476 per pound for the separate rate respondents whose shipments of activated carbon to the U.S. were not individually reviewed. The Company, as a Chinese exporter and a U.S. importer, received the separate rate of \$0.476 per pound. The impact of the revised tariffs to the Company's financial results is not material. In October 2015, an appeal by one of the mandatory respondents was commenced challenging the final results of the seventh administrative review.

**Period of Review VIII:** On April 1, 2015, the Commerce Department published a notice allowing parties to request an eighth annual administrative review of the anti-dumping duty order covering the period April 1, 2014 through March 31, 2015 (POR VIII). Petitioners and other parties submitted requests for administrative reviews to the Commerce Department in April 2015. The Commerce Department initiated POR VIII in May 2015, and has selected two mandatory respondents for review. Based on the agency's practice in prior administrative reviews, the Company anticipates that the Commerce Department will announce the final results of its administrative review for POR VIII in October or November 2016.

#### **Big Sandy Plant**

By letter dated January 22, 2007, the Company received from the United States Environmental Protection Agency (EPA) Region 4 a report of a hazardous waste facility inspection performed by the EPA and the Kentucky Department of Environmental Protection (KYDEP) as part of a Multi Media Compliance Evaluation of the Company's Big Sandy Plant in Catlettsburg, Kentucky that was conducted on September 20 and 21, 2005. Accompanying the report was a Notice of Violation (NOV) alleging multiple violations of the Federal Resource Conservation and Recovery Act (RCRA) and corresponding EPA and KYDEP hazardous waste regulations as well as the Clean Water Act (CWA). The alleged violations mainly concerned the Company's hazardous waste spent activated carbon regeneration facility. In the fall of 2013, the Company, the EPA, and the United States Department of Justice (DOJ) signed and delivered a consent decree which the Court ordered effective on January 29, 2014. As part of the consent decree, the Company paid a civil penalty of \$1.6 million on February 24, 2014, but makes no admissions of any violations. The Company had previously accrued for this penalty.

The Company was required under the consent decree to conduct testing of the portion of stockpiled material dredged from onsite wastewater treatment lagoons that had not previously been tested in accordance with a pre-approved work plan and has installed two

Table of Contents

ground water monitoring wells at the Company's permitted solid waste landfill where some lagoon solids had previously been disposed. The consent decree provides that EPA and DOJ agree that such landfill is to be considered a non-hazardous facility and regulated by KYDEP. The testing of the stockpile material was completed in the second quarter of 2014 and the results have been reviewed by the EPA. The Company received comments from the EPA including a request for a health and safety risk assessment similar to that which the Company performed on other materials from the lagoons. The Company has prepared this assessment and it has been accepted by the EPA. Finally, the Company will not be required to close or retrofit any of the wastewater treatment lagoons as RCRA hazardous waste management units and may continue to use them in their current manner. The Company will be subject to daily stipulated penalties for any failure to conduct the required testing of the previously untested stockpile or to install and sample the landfill wells in accordance with the EPA-approved protocols and schedules. The balance as of December 31, 2014 of \$0.1 million recorded as a component of accounts payable and accrued liabilities was utilized as of September 30, 2015.

**Multi-employer Pension Plan**

The Company participates in a multi-employer plan in Europe which almost entirely relates to former employees of operations it has divested. Benefits are distributed by the multi-employer plan. In 2012 the Company learned that the multi-employer plan had previously elected to reduce benefits to entitled parties, and the local Labor Court had concluded that an employer was required to compensate its pensioners for the shortfall if benefits had been reduced by the plan. As a result, the Company accrued a liability for the past shortfall to its former employees, and the Company has had several claims from pensioners seeking compensation for the shortfall. In 2014 the Company also learned that certain pensioners are claiming that the employers should also pay a cost of living adjustment on the amounts paid by the multi-employer plan. In February 2015, the Court published an opinion ruling that employers may be required to pay a cost of living adjustment. As a result, the Company recorded an additional accrual of \$0.4 million for the year ended December 31, 2014. As of September 30, 2015 and December 31, 2014, respectively, the Company has a \$0.9 million liability recorded as a component of payroll and benefits payable within its condensed consolidated balance sheets for the past shortfall adjustments to its former employees. The Company cannot predict if future benefit payments to entitled parties to be made by the multi-employer plan will continue to be reduced.

**Other**

In addition to the matters described above, the Company is involved in various other legal proceedings, lawsuits and claims, including employment, product warranty and environmental matters of a nature considered normal to its business. It is the Company's policy to accrue for amounts related to these legal matters when it is probable that a liability has been incurred and the loss amount is reasonably estimable. Management is currently unable to estimate the amount or range of reasonably possible losses, if any, resulting from such lawsuits and claims.

**12. Supplemental Cash Flow Information**

The Company has reflected \$(0.2) million and \$2.5 million of its capital expenditures as a non-cash decrease and increase in accounts payable and accrued liabilities for changes in unpaid capital expenditures for the nine months ended September 30, 2015 and 2014, respectively.

### 13. Segment Information

The Company's management has identified three segments based on the product line and associated services. Those segments include Activated Carbon and Service, Equipment, and Consumer. The Company's chief operating decision maker, its chief executive officer, receives and reviews financial information in this format. The Activated Carbon and Service segment manufactures granular activated carbon for use in applications to remove organic compounds from liquids, gases, water, and air. This segment also consists of services related to activated carbon including reactivation of spent carbon and the leasing, monitoring, and maintenance of carbon fills at customer sites. The service portion of this segment also includes services related to the Company's ion exchange technologies for treatment of groundwater and process streams. The Equipment segment provides solutions to customers' air and water process problems through the design, fabrication, and operation of systems that utilize the Company's enabling technologies: ballast water, ultraviolet light, advanced ion exchange separation, and carbon adsorption. The Consumer segment supplies activated carbon cloth for use in military, industrial, and medical applications. Intersegment net sales are not material.

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## Table of Contents

The following segment information represents the results of operations:

|                                                            | Three Months Ended September 30, |            | Nine Months Ended September 30, |            |
|------------------------------------------------------------|----------------------------------|------------|---------------------------------|------------|
|                                                            | 2015                             | 2014       | 2015                            | 2014       |
| <b>Net sales:</b>                                          |                                  |            |                                 |            |
| Activated Carbon and Service                               | \$ 121,330                       | \$ 124,372 | \$ 367,644                      | \$ 372,043 |
| Equipment                                                  | 9,659                            | 10,803     | 30,003                          | 33,107     |
| Consumer                                                   | 1,987                            | 2,524      | 6,484                           | 9,313      |
|                                                            | \$ 132,976                       | \$ 137,699 | \$ 404,131                      | \$ 414,463 |
| <b>Income (loss) from operations before restructuring:</b> |                                  |            |                                 |            |
| Activated Carbon and Service                               | \$ 18,054                        | \$ 20,010  | \$ 55,696                       | \$ 58,537  |
| Equipment                                                  | (1,278)                          | (1,481)    | (2,680)                         | (4,587)    |
| Consumer                                                   | 192                              | 312        | 1,037                           | 1,592      |
|                                                            | 16,968                           | 18,841     | 54,053                          | 55,542     |
| <b>Reconciling items:</b>                                  |                                  |            |                                 |            |
| Restructuring income                                       |                                  | 27         |                                 | 252        |
| Interest income                                            | 6                                | 15         | 51                              | 56         |
| Interest expense                                           | (254)                            | (32)       | (500)                           | (196)      |
| Other income (expense) net                                 | 890                              | (401)      | (261)                           | (1,329)    |
| Income before income tax provision                         | \$ 17,610                        | \$ 18,450  | \$ 53,343                       | \$ 54,325  |
| <b>Depreciation and amortization:</b>                      |                                  |            |                                 |            |
| Activated Carbon and Service                               | \$ 7,954                         | \$ 6,742   | \$ 23,461                       | \$ 19,484  |
| Equipment                                                  | 514                              | 698        | 1,864                           | 2,188      |
| Consumer                                                   | 156                              | 130        | 463                             | 452        |
|                                                            | \$ 8,624                         | \$ 7,570   | \$ 25,788                       | \$ 22,124  |

## 14. Government Grants

On December 7, 2007, the Company was awarded two separate grants with the Walloon region (the Region) in Belgium, where its Feluy facility is located. The awards were based on the Company's contributions to the strategic development of the Region through its investment in the expansion of the Feluy facility and creation of employment opportunities. The grants totaled approximately 2.6 million Euros. The Company received 0.9 million Euros or \$1.2 million as of September 30, 2014 which was recognized as a deduction from the carrying amount of the property, plant and equipment on the Company's condensed consolidated balance sheets. As of December 31, 2014, the Company had received the full amount of these grants.

On December 19, 2014, the Company received an incentive of 3.86 million RMB or approximately \$0.6 million from the Suzhou Wuzhong Economic Development Zone (WEDZ), where the Company's Suzhou, China facility is located. This incentive was provided based on the Company's commitment to the construction of carbon reactivation lines in two phases. Under phase one, the construction of two reactivation lines and under phase two, the construction of another two reactivation lines on the same site. For the year ended December 31, 2014, the Company recognized 1.93 million RMB or approximately \$0.3 million (which represents 50% of the total awarded incentive) less related expenses as a reduction to other expense - net on its consolidated statements of comprehensive income as phase one of the agreed upon commitment had been completed and all required documentation had been submitted to WEDZ. As of September 30, 2015 and December 31, 2014, the Company has a \$0.3 million liability recorded as a component of

accrued pension and other liabilities within its condensed consolidated balance sheets for the remainder of the incentive that relates to phase two of the commitment as it has not yet been constructed.

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

This discussion should be read in connection with the information contained in the Unaudited Condensed Consolidated Financial Statements and Notes to the Unaudited Condensed Consolidated Financial Statements included in Item 1 of this Quarterly Report on Form 10-Q.

**Results of Operations**

Consolidated net sales decreased by \$4.7 million or 3.4% and \$10.3 million or 2.5% for the quarter and year to date periods ended September 30, 2015, respectively, versus the similar 2014 periods. Included in this change for the quarter and year to date periods, respectively, was a \$5.9 million and \$18.8 million negative impact of foreign currency translation due to a stronger U.S. dollar which was primarily within the Activated Carbon and Service Segment.

Net sales for the quarter and year to date periods ended September 30, 2015 for the Activated Carbon and Service segment decreased \$3.0 million or 2.4% and \$4.4 million or 1.2%, respectively, versus the similar 2014 periods. Included in this change was the negative impact of foreign currency translation which totaled \$5.8 million and \$18.2 million for the quarter and year to date periods ended September 30, 2015.

| (Dollars in millions)              | Increase (Decrease) in Net Sales      |                         |                                |                                      |                         |                                |
|------------------------------------|---------------------------------------|-------------------------|--------------------------------|--------------------------------------|-------------------------|--------------------------------|
|                                    | Three Months Ended September 30, 2015 |                         |                                | Nine Months Ended September 30, 2015 |                         |                                |
|                                    | As Reported                           | Foreign Currency Impact | Net of Foreign Currency Impact | As Reported                          | Foreign Currency Impact | Net of Foreign Currency Impact |
| Environmental Air market           | \$ 11.4                               | \$ 0.9                  | \$ 12.3                        | \$ 25.4                              | \$ 2.3                  | \$ 27.7                        |
| Environmental Water market         | (2.9)                                 | 1.0                     | (1.9)                          | (7.6)                                | 3.7                     | (3.9)                          |
| Food market                        | (5.1)                                 | 1.1                     | (4.0)                          | (9.7)                                | 3.3                     | (6.4)                          |
| Potable Water market               | (4.8)                                 | 1.4                     | (3.4)                          | (8.0)                                | 4.9                     | (3.1)                          |
| Specialty Carbon market            | (2.0)                                 | 0.3                     | (1.7)                          | (3.6)                                | 1.0                     | (2.6)                          |
| Other                              | 0.4                                   | 1.1                     | 1.5                            | (0.9)                                | 3.0                     | 2.1                            |
| Total Activated Carbon and Service | \$ (3.0)                              | \$ 5.8                  | \$ 2.8                         | \$ (4.4)                             | \$ 18.2                 | \$ 13.8                        |

The decrease in net sales for the Activated Carbon and Service segment for the quarter ended September 30, 2015 as compared to the quarter ended September 30, 2014 is principally due to the negative impact of foreign currency translation. However, sales in the Americas Environmental Air market increased due to higher demand as a result of customers complying with mercury removal regulations promulgated by 19 states and certain Canadian provinces, as well as the Mercury and Air Toxics Standards (MATS) regulation (see additional discussion regarding MATS in the Outlook portion of this Item 2). This increase was partially offset by lower sales in the Potable Water market which was primarily in the Americas due to several large orders in 2014 that did not repeat in 2015 as well as lower demand, and the timing of municipal carbon fills. Lower demand in the Americas as a result of adverse weather conditions also contributed to the decline. Sales also declined in the Americas Food and Environmental Water markets due to certain non-repeat orders and Americas Specialty market due to continued lower demand for respirators from the U.S. Government. Absent the negative

impact of foreign currency, sales for the Activated Carbon and Service Segment increased for the year to date period ended September 30, 2015 as compared to the same period in 2014. The increase was principally due to higher demand in the Americas Environmental Air market, partially offset by the decline in the Food, Environmental Water and Specialty markets, as noted above. In addition, sales declined in the European Food market and the Asian Potable Water markets, primarily due to certain large orders in 2014 that did not repeat in 2015, along with a softer growth rate.

Net sales for the Equipment segment decreased \$1.1 million or 10.6% and \$3.1 million or 9.4%, respectively, for the quarter and year to date periods ended September 30, 2015 versus the similar 2014 periods.

| (Dollars in millions)                 | Increase (Decrease) in Net Sales         |                                         |
|---------------------------------------|------------------------------------------|-----------------------------------------|
|                                       | Three Months Ended<br>September 30, 2015 | Nine Months Ended<br>September 30, 2015 |
| Carbon adsorption equipment           | \$ (0.4)                                 | \$ (3.8)                                |
| Ballast water treatment systems       | (1.9)                                    | (0.9)                                   |
| Traditional ultraviolet light systems |                                          | 0.5                                     |
| Ion exchange systems                  | 1.2                                      | 1.4                                     |
| Other                                 |                                          | (0.3)                                   |
| Total Equipment                       | \$ (1.1)                                 | \$ (3.1)                                |

The decrease for the quarter ended September 30, 2015 was primarily due to lower sales for ballast water treatment systems and lower demand for carbon adsorption equipment resulting from the completion of projects for installations for certain customers related

Table of Contents

to the initial Disinfectants and Disinfection Byproducts Rule and a decline in project related discretionary spending. Partially offsetting this decline was increased sales for ion exchange systems primarily due to several large projects. The decline for the year to date period ended September 30, 2015 was due to lower demand for carbon adsorption equipment and lower sales for ballast water treatment systems, as noted previously. This decline was partially offset by the higher sales for ion exchange systems discussed above, along with higher sales for traditional ultraviolet light systems primarily due to revenue recognized for a large municipal drinking water project. Foreign currency translation effects in the Equipment segment were not significant.

Net sales for the quarter and year to date periods ended September 30, 2015 for the Consumer segment decreased \$0.5 million or 21.3% and \$2.8 million or 30.4%, respectively, as compared to the similar 2014 periods due to higher demand from a single customer in 2014 that did not repeat in 2015, as well as the negative impact of foreign currency translation which totaled \$0.1 million and \$0.5 million, respectively, for quarter and year to date periods ended September 30, 2015.

Net sales less cost of products sold (excluding depreciation and amortization), as a percentage of net sales, was 36.2% for the quarter ended September 30, 2015 compared to 34.6% for the similar 2014 period, a 1.6 percentage point increase which was primarily in the Activated Carbon and Service segment. Approximately \$1.2 million of this improvement resulted from higher margin products sold, including FLUEPAC® products for mercury removal, coupled with a decline in volume of lower margin products. The Company's cost improvement programs, including lower coal costs of approximately \$0.5 million, primarily from two long-term coal contracts, contributed to margin improvement in all geographic regions. The Company's cost of products sold excludes depreciation and amortization; therefore it may not be comparable to that of other companies.

Net sales less cost of products sold (excluding depreciation and amortization), as a percentage of net sales, was 36.5% for the year to date period ended September 30, 2015 compared to 34.2% for the comparable 2014 period, a 2.3 percentage point increase which was primarily in the Activated Carbon and Service segment. Approximately \$4.3 million of this improvement resulted from higher margin products sold, including FLUEPAC® products for mercury removal, coupled with a decline in volume of lower margin products. The Company's cost improvement programs, including lower coal costs of approximately \$1.7 million, primarily from two long-term coal contracts, contributed to margin improvement in all geographic regions. In addition, the Company benefited from refunds for import duties paid of approximately \$1.3 million under the Trade Preferences Extension Act of 2015 pertaining to purchases of coconut carbons. In the Equipment segment, improved margins, as well as decreases in estimated costs to complete certain projects in progress, contributed approximately \$1.1 million to the improvement. The Company's cost of products sold excludes depreciation and amortization; therefore it may not be comparable to that of other companies.

Depreciation and amortization increased \$1.1 million and \$3.7 million, respectively for the quarter and year to date periods ended September 30, 2015 versus the similar 2014 periods. The increases were primarily due to higher depreciation expense related to the improvements to the Company's Catlettsburg, Kentucky virgin carbon manufacturing facility and the July 2015 completion of the SAP re-implementation project. Also contributing to the increase was accelerated depreciation expense of approximately \$0.5 million and \$2.1 million for the quarter and year to date periods ended September 30, 2015, respectively, related to certain assets that have been or will be replaced as the result of new projects, including the Company's SAP re-implementation project.

Selling, general and administrative expenses increased \$1.2 million or 6.0% and \$3.6 million or 6.1%, respectively, for the quarter and year to date periods ended September 30, 2015 versus the comparable 2014 periods. The increase was principally due to costs related to an SAP re-implementation project which commenced in January 2014 aimed at improving functionality of the Company's enterprise resource planning (ERP) system of approximately \$0.6 million and \$1.9 million, respectively, for the quarter and year to date periods ended September 30, 2015. In addition, outside consulting services increased by \$0.4 million and \$2.5 million, respectively, for the quarter and year to date periods ended September 30, 2015. The quarter and year to date periods ended September 30, 2015 also included higher employee related costs of \$0.7 million and \$2.0 million, respectively, of which \$0.5 million was a result of the pension settlement charge in the third quarter of 2015. Partially offsetting the increase for both the quarter and year to date periods ended September 30, 2015 was the positive impact of foreign currency translation of \$0.7 million and \$2.5 million, respectively, due to the stronger U.S. dollar which was primarily within the Activated Carbon and Service segment. The above mentioned increases were primarily in the Activated Carbon and Service segment for both periods. Selling, general and administrative expenses declined in the Equipment segment by \$0.5 million, for the year to date period ended September 30, 2015 as a result of successful cost improvements, including a reduction in headcount.

Research and development expenses increased \$0.2 million for the quarter ended September 30, 2015 versus the same period in 2014. This increase was largely due to expenses related to the Company's new research and development innovation center. For the year to date period ended September 30, 2015, research and development expenses were comparable versus the comparable 2014 period. The increase noted above in 2015 was offset by higher advanced product testing costs related to mercury removal from flue gas that were incurred in 2014 but did not repeat in 2015.

Table of Contents

For the year to date period ended September 30, 2014, the Company recorded \$0.3 million of restructuring income which represents reductions in the estimated accrual and a pre-tax gain for the sale of a warehouse in Belgium.

Interest income was comparable for the quarter and year to date periods ended September 30, 2015 versus the comparable 2014 periods.

Interest expense increased \$0.2 million and \$0.3 million for the quarter and year to date periods ended September 30, 2015 versus the comparable 2014 periods due to an increase in the outstanding borrowings under the Company's debt agreements.

The additional income in other income (expense) net of \$1.3 million and \$1.1 million for the quarter and year to date periods ended September 30, 2015 versus the similar 2014 periods, respectively was largely related to foreign exchange gains and a \$0.2 million decline in an earn-out liability related to a 2010 acquisition.

The Company's income tax provision decreased by \$0.7 million for the quarter ended September 30, 2015 versus the comparable 2014 period due to a change in the mix of earnings in taxing jurisdictions with income tax rates lower than the U.S. rate, as well as a reduction in pre-tax income. The Company's income tax provision increased by \$0.5 million for the year to date period ended September 30, 2015 versus the comparable 2014 period. The 2014 year to date tax expense includes a net \$1.4 million benefit related to a completed IRS examination and the effective settlement and release of uncertain tax positions. Lower 2015 pre-tax income partially offsets the effect of this benefit in the comparison of these two periods. The effective tax rate for the three months ended September 30, 2015 was 31.3% compared to 33.8% for the same period in 2014. The decrease in the effective tax rate for the three month period ended September 30, 2015 relates to the mix of earnings in taxing jurisdictions with income tax rates lower than the U.S. rate. The effective tax rate for the year to date period ended September 30, 2015 was 33.0% compared to 31.5% for the similar 2014 period. The increase in the effective tax rate primarily relates to the 2014 effective settlement as discussed above.

In the preparation of its effective tax rate, the Company uses an annualized estimate of pre-tax earnings. Throughout the year this annualized estimate may change based on actual results and annual earnings estimate revisions in various tax jurisdictions. Because the Company's permanent tax benefits are relatively constant, changes in the annualized estimate may have a significant impact on the effective tax rate in future periods.

**Financial Condition**

**Working Capital and Liquidity**

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The Company has had sufficient financial resources to meet its operating requirements and to fund capital spending, dividend payments, share repurchases and pension plans.

Cash flows provided by operating activities were \$53.0 million for the period ended September 30, 2015 compared to \$61.4 million for the comparable 2014 period. The \$8.4 million decrease is primarily due to unfavorable working capital changes from higher inventories of outsourced carbon products sourced from the Asia region in anticipation of sales to occur later in 2015 or in 2016.

During the nine month period ended September 30, 2015, the Company made a \$1.2 million discretionary contribution to the U.S. pension plans and \$1.1 million in contributions to the European pension plans.

Dividends on common stock of \$0.05 per share were declared in the first, second quarters and third quarters of 2015. Dividends on common stock of \$2.6 million and \$7.9 million were paid during the three and nine months ended September 30, 2015, respectively. In addition, in November 2015, the Company's Board of Directors declared a dividend on common stock of \$0.05 per share. Common stock dividends were not declared or paid during the three or nine months ended September 30, 2014.

The Company maintains a U.S. Credit Agreement (Credit Agreement) which provides for a senior unsecured revolving credit facility (Revolver) in an amount up to \$225 million which expires on November 6, 2020. Availability under the Revolver is conditioned upon various customary conditions. The Credit Agreement also provides for senior unsecured delayed draw term loans (Delayed Draw Term Loans) in an aggregate amount up to \$75 million which expires on November 6, 2020. During the third quarter of 2015, the Company converted borrowings of \$30 million from its Revolver to the Delayed Draw Term Loan. The full amount of the Delayed Draw Term Loans is now outstanding as of September 30, 2015. Beginning January 1, 2016, quarterly repayments are required equal to 2.5% of the outstanding balance of the Delayed Draw Term Loans, with the remaining balance due on the November 6, 2020 expiration date. Total outstanding borrowings under the Credit Agreement increased \$31.5 million from December 31, 2014. Total availability under the Credit Agreement was \$199.6 million as of September 30, 2015.

Table of Contents

Certain of the Company's domestic subsidiaries unconditionally guarantee all indebtedness and obligations related to borrowings under the Credit Agreement. The Company's obligations under the Credit Agreement are unsecured. The Credit Agreement contains customary affirmative and negative covenants for credit facilities of this type. The Company must comply with certain financial covenants including minimum interest coverage ratio and a maximum leverage ratio as defined within the Credit Agreement. The Company was in compliance with all such covenants as of September 30, 2015 and December 31, 2014.

Calgon Carbon Japan (CCJ) maintains a Term Loan Agreement which provides for borrowings up to 1.0 billion Japanese Yen and matures on May 10, 2017. In addition, CCJ maintains a Working Capital Loan Agreement which provides for borrowings up to 1.5 billion Japanese Yen and matures on March 31, 2016. The Company is jointly and severally liable as the guarantor of CCJ's obligations and the Company permitted CCJ to grant a security interest and continuing lien in certain of its assets, including inventory and accounts receivable, to secure its obligations under both loan agreements.

Refer to Note 5 to the condensed consolidated financial statements in Item 1 of this Quarterly Report on Form 10-Q, which is incorporated herein by reference, for further details on the Company's borrowing arrangements.

**Share Repurchases**

In December 2013, the Company's Board of Directors approved a share repurchase program with a total of \$150 million of purchases authorized. During the nine months ended September 30, 2015 and 2014, the Company repurchased 1,263,791 and 1,485,141 shares, respectively, at an average price of \$18.04 per share and \$20.54 per share, respectively. As of September 30, 2015, the Company had repurchased a total of 3,341,432 shares at an average price of \$19.61 per share under this program. During the period October 1, 2015 through October 30, 2015, the Company repurchased an additional 307,600 shares at an average share price of \$16.60. All of the above mentioned repurchases were funded from operating cash flows, cash on hand, and borrowings and the shares are initially held as treasury stock. Subsequent to these repurchases, the Company's remaining authorization to repurchase its common stock is approximately \$79.4 million.

**Contractual Obligations**

The Company is obligated to make future payments under various contracts such as debt agreements, lease agreements, and unconditional purchase obligations. As of September 30, 2015, there have been no material changes in the payment terms of these obligations since December 31, 2014.

The Company currently expects that cash from annual operating activities plus cash balances and available external financing will be sufficient to meet its cash requirements for the next twelve months. The cash needs of each of the Company's reporting segments are principally covered by the segment's operating cash flow on a standalone basis. Any additional needs will be funded by cash on hand or borrowings under the Company's Credit Facility, Japanese Working Capital Loan, or other credit facilities. Specifically, the Equipment and Consumer segments historically have not required

extensive capital expenditures; therefore, the Company believes that cash on hand and borrowings will adequately support each of the segments cash needs.

#### **Capital Expenditures and Investments**

Capital expenditures for property, plant and equipment totaled \$49.2 million for the nine months ended September 30, 2015 compared to expenditures of \$43.8 million for the same period in 2014. The expenditures for the period ended September 30, 2015 were primarily for improvements to the Company's Catlettsburg, Kentucky manufacturing facility of \$16.0 million; upgrades to the Tipton plant in the UK of \$3.4 million, expenditures of \$9.8 million related to the Company's new headquarters facility, which includes the research and development innovation center; and \$4.1 million for a SAP re-implementation project. The expenditures for the period ended September 30, 2014 were primarily for improvements to the Company's Catlettsburg, Kentucky and Pearlinton, Mississippi manufacturing facilities, along with SAP re-implementation project expenditures. Capital expenditures for 2015 are currently projected to be approximately \$60 million to \$65 million. The aforementioned expenditures are expected to be funded by operating cash flows, cash on hand, and borrowings.

The Company received proceeds related to government grants of \$1.2 million for the nine months ended September 30, 2014. Refer to Note 14 to the condensed consolidated financial statements included in Item 1 of this Quarterly Report on Form 10-Q, for further details.

Cash and cash equivalents include \$39.4 million and \$41.7 million held by the Company's foreign subsidiaries as of September 30, 2015 and December 31, 2014, respectively. Generally, cash and cash equivalents held by foreign subsidiaries are not readily available for use in the U.S. without adverse tax consequences. The Company's principal sources of liquidity are its cash flows from

Table of Contents

its operating activities or borrowings directly from its lines of credit. The Company does not believe the level of its non-U.S. cash position will have an adverse effect on working capital needs, planned growth, repayment of maturing debt, or benefit plan funding.

**Contingencies**

The Company is involved in various legal proceedings, lawsuits and claims, including employment, product warranty and environmental matters of a nature considered normal to its business. It is the Company's policy to accrue for amounts related to these legal matters when it is probable that a liability has been incurred and the loss amount is reasonably estimable. Refer to Note 11 to the condensed consolidated financial statements included in Item 1 of this Quarterly Report on Form 10-Q, which is incorporated herein by reference, for further details.

**New Accounting Pronouncements**

Refer to Note 1 to the condensed consolidated financial statements included in Item 1 of this Quarterly Report on Form 10-Q, which is incorporated herein by reference, for further details on recently issued accounting guidance.

**Outlook**

**Activated Carbon and Service**

The Company's estimate of a 10.8% compound annual growth rate for the activated carbon market for the period 2012 through 2017 is predicated on significant demand for mercury removal carbons in North America primarily driven by the U.S. Environmental Protection Agency's (EPA) regulations surrounding Mercury and Air Toxics Standards (MATS) and, significant increases in activated carbon usage in China. As discussed below, long-term demand pursuant to MATS is unknown at this time pending ongoing court determinations. In addition, while there have been noted increases in the demand for activated carbon in China, the recent economic slowdown in China may lead to lower than previously forecasted demand for activated carbon. The Company's activated carbon and service sales volume for nine months of 2015 increased 2.6% over the comparable period in 2014. In 2012, in order to meet the expected increase in activated carbon demand, the Company completed the expansion of its Pearl River facility adding approximately 8 million pounds of granular activated carbon production per year. In addition, a similar project to expand one of the Company's three virgin production lines at its Big Sandy facility commenced in the third quarter of 2014. Other sources of incremental capacity include increased utilization of the Company's activated carbon reactivation capacity in all three of its regions (Americas, Europe and Asia); operational improvements at the Company's virgin carbon manufacturing facilities due to new capital investments; a third-party plant efficiency study completed in the first half of 2014; an ongoing product rationalization project that has provided a reduction in stock keeping units (SKU) of 45%; and, the sale of outsourced carbons. Finally, the Company continues to evaluate other opportunities for virgin activated carbon expansion including a significant expansion of one of the Company's existing facilities. Impediments to near-term growth could include an economic slowdown in any or all of the regions served, impacts from delays in

environmental regulations, the impact of the strength of the U.S. dollar or a significant reduction in demand for activated carbon used to remove mercury from coal-fired electric power plants in the United States pursuant to a recent U.S. Supreme Court decision more fully discussed below.

The Company believes that fair pricing for activated carbon in the United States of America is being achieved via the application of a tariff imposed on Chinese steam activated carbon. Under the anti-dumping rules, importers of steam activated carbon from China are potentially required to pay anti-dumping duties. The United States Department of Commerce (Commerce Department) conducts reviews in order to determine whether changes (increases or decreases) should be made to the anti-dumping tariff rate applicable to any foreign exporter. These retrospective reviews occur annually while the anti-dumping duty order (the order) is in effect (the current order is scheduled to expire in March 2017). Refer to Note 11 to the condensed consolidated financial statements included in Item 1 of this Quarterly Report on Form 10-Q for further details. The Company's most recent price increase was announced in February 2013.

Raw material costs for production in 2015 are expected to decline compared to 2014. The most significant raw material cost is coal. The quantity of coal consumed varies based on the overall production levels achieved as well as the mix of products manufactured during the year. The Company expects its total cost of coal to decrease in 2015 primarily as a result of lower pricing achieved from two five-year coal contracts signed in December 2013. These contracts represent approximately 71% of the Company's current annual coal requirements. As of September 30, 2015, the Company has approximately 86% of its 2015 anticipated coal requirements under contract or in inventory.

The Company continues to make research and development expenditures primarily related to its advanced FLUEPAC® products. These products were introduced to significantly reduce the amount of powdered activated carbon (PAC) required for mercury removal from coal-fired power plant flue gas when compared to competing products. PAC is recognized today by the EPA as the leading

Table of Contents

abatement technology for mercury removal from coal-fired power plant flue gas. On December 21, 2011, the EPA issued the MATS regulation requiring mercury and other substances to be removed from the flue gas of coal-fired power plants. The final MATS regulation became effective on April 16, 2012. Compliance with MATS was required in April 2015, however, newly installed equipment and/or plants determined to be on reliability critical paths were able to get extensions of up to an additional two years. On June 29, 2015, the U.S. Supreme Court in a 5-4 decision reversed the decision of the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit) which held that the EPA did not need to consider costs when deciding to regulate power plant emissions and has remanded the case back to the D.C. Circuit. The MATS Rule (the Rule) currently remains in effect and the long-term status of the Rule is unknown at this time. It is possible that the D.C. Circuit could, among other options, vacate the Rule, stay compliance with the Rule for a period of time, or leave the Rule in effect. The final decision by the D.C. Circuit could take months and in the meantime, the Company anticipates that utilities will continue to treat for mercury using FLUEPAC® products. There are also mercury removal regulations for the flue gas of coal-fired power plants that remain in effect for certain states and Canadian provinces.

In addition to MATS, the EPA has promulgated mercury removal regulations related to industrial boilers and cement manufacturers. Compliance dates for cement manufacturers and industrial boilers are September 9, 2015 and January 31, 2016, respectively.

The Company still believes that mercury removal could become the largest U.S. market for activated carbon and has made great strides in establishing itself as a market leader. Based on standard carbon products, the Company estimates the annual demand for mercury removal in North America may grow to as much as 340 million to 470 million pounds by 2017 depending upon the D.C. Circuit's remand decision on MATS. The Company's advanced products for mercury removal which have carbon usage rates of 50% to 90% less than alternative products, are important to its ongoing success in this market. Market acceptance of the Company's advanced FLUEPAC® products is growing. Bidding activity with electric utilities has been active and is resulting in the receipt of significant, new orders for the Company's FLUEPAC® products. The Company currently believes approximately one-third of this market is represented by the 19 states and certain Canadian provinces that have regulations in place that require mercury removal. The Company estimates that those utilities that were required to comply with the MATS regulation by April 2015 will also comprise approximately one-third of the potential mercury removal market with the remaining approximate one third of the potential market being comprised of utilities that have received extensions to MATS regulation compliance all subject to the D.C. Circuit's remand decision noted above. In the first nine months and full year of 2014, the Company's sales into this market totaled approximately \$20.5 million and \$28.7 million, respectively. During the first nine months of 2015, the Company reported sales of \$46.3 million, an increase of approximately 126% versus the comparable period in 2014. The Company's expectation is that its ongoing share of the value of this market will be at least 30%.

Compliance with other emissions regulations such as the EPA's Cross State Air Pollution Rule (CSAPR) and Carbon Pollution Standards (CPS) could significantly impact the amount of carbon utilized by electric utilities for compliance with MATS. In September 2013, the EPA released a Carbon Pollution Standards proposal for new electric generating units. The standards for new units are likely to have little impact on activated carbon usage in the future; however, in August of 2015, the EPA finalized CPS for existing electric generating units. The Company continues to evaluate the rule, but believes that the CPS for existing units could have a negative impact on future activated carbon demand for electric generators, should generators opt to retire or repower their coal-fired electric generation units. The Company believes the majority of U.S. electric utilities are still working to understand CSAPR and CPS's impact, in addition to awaiting further resolution of MATS, before implementing an integrated treatment approach to more broadly address how to invest in pollution control equipment across their power plant fleet. In addition, long-term lower natural gas costs will likely also impact this market as electric generation facilities could shift production from coal to natural gas. It should also be noted that wide-spread adoption of the Company's advanced mercury removal products could also reduce the pounds of activated carbon needed for mercury removal. Adverse market conditions coupled with a strong adoption of the Company's advanced mercury removal carbons, could significantly reduce the eventual market volume opportunity to a level below the low end of aforementioned forecasted demand of 340 million to 470 million pounds of standard activated carbon. However, in that case, the Company could expect to increase its share of this market.

In addition to mercury regulations in North America, China has announced plans for mercury removal from its coal-fired power plants. The plans, as announced, stipulate levels of mercury removal that would not likely result in large activated carbon sales. However, trials will purportedly be conducted to establish removal requirements.

Treatment of municipal drinking water remains a growth driver for the Company. An important driver of recent growth has been the treatment of Disinfection Byproducts (DBPs). DBPs are compounds that form when natural occurring organic materials in drinking water sources react with the chemicals used to disinfect the water. Granular activated carbon (GAC) is recognized by the EPA as a best available control technology (BACT) for the reduction of DBPs. The EPA's Stage 2 Disinfectants and Disinfection Byproducts Rule (the DBP Rule) is in its final stages of implementation and the Company continues to see some new business associated with municipal water utilities installing GAC for Stage 2 compliance. There remains further potential for additional new

Table of Contents

GAC installations should many of the nation's largest water utilities who currently use alternative disinfectants (such as chloramines) as their primary means to comply with Stage 2 choose to move to GAC for the DBP Rule compliance. The potential exists for some of these utilities to convert from chloramines to GAC due to some of the down-sides associated with the use of chloramines, such as their propensity to form emerging classes of disinfection by-products, many of which are not yet regulated but are under study by the EPA. The EPA has now begun its Six Year Review of the DBP Rule, and a new Stage 3 Rule, which could drive additional GAC sales. Additionally, the Company expects growth in its custom reactivation service business from utilities that have installed GAC for DBP compliance and later convert to reactivated carbon. A growing number of utilities have entered into multi-year contracts with the Company for ongoing reactivation services. While many of the large projects related to the implementation of the DBP Rule have been completed, a number of other market drivers are contributing to continued growth of the Company's municipal water business. The need to protect community water supplies from harmful algal toxins is driving increasing demand for both GAC and PAC. Barriers such as GAC can protect water treatment plants from the harmful effects of algal bloom toxicity, while increased dosing of PAC can also help when algal blooms are detected. Chemical spills in waterways that serve as sources for drinking water highlight the need for utilities that draw from such sources to provide barrier defenses against such events. GAC is an ideal technology for this purpose and we expect growth in this area as more utilities look to install GAC to provide protection against spills. The drought conditions that remain prevalent in the western United States are also driving increased interest in direct potable reuse, where wastewater is further treated via advanced technologies such as GAC and ultraviolet light and then fed directly into the drinking water supplies. While the number of communities that have instituted direct potable reuse is currently small, many more are now studying implementation of this approach, driven again by the scarcity of water.

In Europe, the Company was awarded a multi-year contract by a large water provider in the United Kingdom (UK). The Company will supply virgin carbon and reactivation services for up to a ten year period and plans to restart and upgrade its Tipton plant in the UK for that purpose. The planned upgrades are estimated to require \$9.5 million of capital expenditures and will be completed in stages. This plant, having a current estimated annual capacity of approximately 11 million pounds, has begun undergoing equipment modifications and a significant capacity expansion. The plant should return to operation with the additional capacity and planned upgrades completed in the fourth quarter of 2015.

China also announced that it will commit billions of dollars to water and wastewater improvements.

**Equipment**

The Company's equipment business is somewhat cyclical in nature and depends on both regulations and the general health of the overall economy. The Company believes that U.S. demand for its ultraviolet light (UV) systems will continue, as smaller municipalities must meet implementation deadlines for EPA regulations to treat for *Cryptosporidium* in drinking water. UV remains the technology of choice for controlling *Cryptosporidium* and *Giardia* under the U.S. EPA LT2 regulations.

The Company also believes that demand for its ballast water treatment systems will grow. The U.S. Coast Guard issued its ballast water treatment rule on March 23, 2012 (Coast Guard Rule). The Coast Guard Rule addresses the transportation of potentially harmful organisms through ballast water and ultimately requires U.S. Type Approval for treatment systems used in U.S. waters. Ships wishing to release ballast water into U.S. waters must operate an acceptable treatment system on all ships built after December 1, 2013; on medium ballast water capacity ships after their first dry-dock after January 1, 2014; and, on small and large ballast water capacity ships after their first dry-dock after January 1, 2016. Ship operators can seek an extension of the fore mentioned compliance dates from the Coast Guard by citing the lack of availability of U.S. Type Approved ballast water treatment systems. As of September 25, 2015, 2,105 such extensions have been granted to operators that otherwise would have been required to purchase ballast water treatment equipment under the Rule. The granting of these extensions despite the existence of acceptable but not yet U.S. Type Approved systems (like the Hyde GUARDIAN®) has had a dampening effect on the market. The Coast Guard Rule's discharge limits match the numerical limits proposed by the International Maritime Organization (IMO) but the Coast Guard is more prescriptive as to testing methodology than is the IMO. The only test method currently referenced in the Coast Guard Rule cannot

measure the effectiveness of UV based systems like the Company's Hyde GUARDIAN® and the other best selling systems. The Coast Guard in conjunction with the EPA is considering alternate test methods used by other nations to approve UV based ballast water treatment systems. Hyde Marine and other ballast water treatment system manufacturers whose technology includes the use of ultraviolet light, routinely used in the disinfection of drinking water, are working with the Coast Guard and the EPA in an effort to clarify the criteria in the Coast Guard Rule.

There are five Independent Laboratories (IL) approved by the Coast Guard to work with manufacturers in the Type Approval process: NSF International (NSF), located in Ann Arbor, Michigan, Det Norske Veritas (DNV) AS, located in Hovik, Norway, Korean Register of Shipping, located in Busan, Korea, Control Union Certifications BV located in the Netherlands, and Lloyd's Register EMEA located in the United Kingdom. The IL's have begun working with manufacturers on testing for U.S. Type Approval a process that is expected to take from one to three years. In the interim, ships may discharge ballast water in U.S. ports for a period of five years after their original compliance date if they operate a ballast water treatment system that has been designated as an

Table of Contents

Alternate Management System (AMS) by the Coast Guard. To qualify for this status, the equipment supplier must possess an international Type Approval, and must demonstrate to the Coast Guard that the equipment performs at least as well as ballast water exchange. The Company was granted AMS status for its Hyde GUARDIAN® ballast water treatment system effective April 15, 2013.

In 2004, the IMO adopted the International Convention for the Control and Management of Ships' Ballast Water and Sediments (BWMC) which, like the Coast Guard Rule, addresses the transportation of potentially harmful organisms through ballast water. The regulations requiring ballast water treatment will become effective one year after 30 countries representing 35% of the world's shipping tonnage ratify the BWMC. The BWMC has now been signed by 44 countries representing 32.89% of the world's current shipping tonnage. The BWMC is expected to be phased in over a six-year period following ratification and, coupled with the Coast Guard Rule, will require an estimated 64,000 vessels to install ballast water treatment systems. The Company believes that the total ballast water treatment market will approximate \$28 billion after ratification of the BWMC.

The Hyde GUARDIAN® system, which employs filtration and ultraviolet light technology to filter and disinfect ballast water, offers cost, safety, and technological advantages. Hyde GUARDIAN® has received Type Approval from Lloyd's Register on behalf of the U.K. Maritime and Coast Guard Agency which confirms compliance with the IMO Ballast Water Management Convention. Hyde GUARDIAN® has also received Class Society Type Approval from Lloyd's Register (LR), American Bureau of Shipping (ABS), and Russian Maritime Registry of Shipping (RS). The strategic acquisition of Hyde Marine provided the Company immediate entry into a global, regulation driven market with major long-term growth potential. To date, most of the Hyde GUARDIAN® systems sold have been for new ship builds but long term, most of Hyde's sales will be for systems retrofitted into existing ships. During 2012, 2013 and 2014, the number of new ship builds was significantly lower than in prior years and the retrofit market for ballast water equipment has been slow to ramp up owing to the delay in ratification of the IMO BWMC and the fore mentioned Coast Guard extensions. This, along with the more recent shift in oil and gas economics has suppressed the number of Hyde GUARDIAN® orders received. During the first nine months of 2015, the Company sold more than 30 ballast water treatment systems. During 2014, 2013, 2012, and 2011, the Company sold 113, 64, 68 and 82 ballast water treatment systems, respectively. Subsequent to the January 2010 acquisition of Hyde Marine, the Company has sold over 400 systems valued at approximately \$88 million.

Backlog for the Equipment segment as of September 30, 2015 was \$12.4 million, while backlog as of December 31, 2014 was \$19.8 million.

**Consumer**

The Company's Consumer segment supplies activated carbon cloth for use in medical, military, and specialty applications. The Company anticipates future growth in medical applications for wound care as its cloth aids in the healing process while providing odor control. The Company recently began to dedicate marketing and sales resources to this area of its business, and expects to see modest annual growth beginning in 2016.

**Critical Accounting Policies**

There were no material changes to the Company's critical accounting policies as disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2014.

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

There were no material changes in the Company's exposure to market risk as discussed in the Company's Annual Report on Form 10-K for the year ended December 31, 2014.

**Item 4.**            Controls and Procedures

**Evaluation of Disclosure Controls and Procedures**

The Company has evaluated the effectiveness of the design and operation of its disclosure controls and procedures as of September 30, 2015. These disclosure controls and procedures are the controls and other procedures that were designed to provide reasonable assurance that information required to be disclosed in reports that are filed with or submitted to the U.S. Securities and Exchange Commission is: (1) accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosures and (2) recorded, processed, summarized and reported within the time periods specified in applicable law and regulations. Based on this evaluation, the Chief Executive Officer and Chief Financial Officer concluded that, as of September 30, 2015, the Company's disclosure controls and procedures were effective at the reasonable assurance level.

Table of Contents

**Changes in Internal Control Over Financial Reporting**

In January 2014, the Company began an SAP re-implementation project aimed at improving the functionality of the Company's enterprise resource planning (ERP) system to support the accounting and reporting processes. This re-implementation was not in response to any identified or perceived deficiency or weakness in the Company's internal control over financial reporting. The system re-implementation was designed, in part, to enhance transactional processing, further automate various business processes through the utilization of new modules within SAP, and provide additional management tools compared to the Company's legacy system.

The Company re-implemented SAP as of July 1, 2015. As a result, the Company experienced certain changes to its processes and procedures which, in turn, resulted in changes to the Company's internal control over financial reporting. The Company did not maintain effective monitoring controls over user provisioning, which is the process of assigning access to data and transaction execution capabilities within the SAP environment. Sensitive SAP access was not removed within an acceptable timeframe after the implementation resulting in a potential that certain personnel had the opportunity to perform conflicting duties or unauthorized actions within the system.

As a result, the Company has performed additional procedures during the three months ended September 30, 2015 to reduce the risk of misstatement to the Company's consolidated financial statements and disclosures. The Company has evaluated and gained reasonable assurance over the accuracy of the data conversion that took place during the transition. The Company continues to review and evaluate the design of the internal control processes in the ERP system. While the Company expects the ERP system to enhance and strengthen internal financial controls by automating manual processes and standardizing business processes and reporting across the organization, it has not completed its testing of the operating effectiveness of the internal controls in the new system. The integration of the ERP system and related workflow changes will continue for the remainder of 2015 and may result in further changes to the Company's financial reporting controls and procedures. Evaluation of the operating effectiveness of these internal controls is ongoing and will be completed by the end of fiscal year 2015.

Other than the changes with respect to the ERP system as described above, there have not been any changes in the Company's internal controls over financial reporting that occurred during the fiscal quarter covered by this Quarterly Report on Form 10-Q, which have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

**PART II OTHER INFORMATION**

**Item 1. Legal Proceedings**

Refer to Note 11 to the condensed consolidated financial statements included in Item 1 of this Quarterly Report on Form 10-Q which is incorporated herein by reference.

**Item 1A. Risk Factors**

There were no material changes in the Company's risk factors from the risks disclosed in the Company's Form 10-K for the year ended December 31, 2014.

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

Issuer Purchases of Equity Securities

| Period      |                    | (a) Total<br>Number of<br>Shares<br>Purchased (1) | (b) Average<br>Price Paid<br>Per Share | (c) Total Number<br>of Shares Purchased<br>as Part Of Publicly<br>Announced Repurchase<br>Plans or Programs (2) | (d) Maximum Number<br>(or Approximate Dollar<br>Value) of Shares that<br>May Yet be Purchased<br>Under the Plans or Programs |
|-------------|--------------------|---------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| July 1      | July 31, 2015      | 212,210                                           | \$ 18.75                               | 212,210                                                                                                         | \$ 94,952,070                                                                                                                |
| August 1    | August 31, 2015    | 214,614                                           | \$ 15.90                               | 207,700                                                                                                         | \$ 91,660,378                                                                                                                |
| September 1 | September 30, 2015 | 452,500                                           | \$ 15.87                               | 452,500                                                                                                         | \$ 84,480,003                                                                                                                |

(1) Includes 6,914 shares surrendered to the Company by employees to satisfy tax withholding obligations on restricted share awards issued under the Company's Equity Incentive Plan. Future purchases under this Plan will be dependent upon employee elections.

Table of Contents

(2) On December 12, 2013, the Company's Board of Directors authorized the repurchase of an additional \$100 million of its common stock resulting in a total remaining availability of \$150 million excluding the November 19, 2012 authorization and accelerated share repurchase. There is no expiration date for this program.

**Item 6.** Exhibits

| Exhibit No. | Description                                                                                                                                                                                                                                     | Method of filing   |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 10.1        | Third Amendment to Credit Agreement by and among Calgon Carbon Corporation, the Guarantors party thereto, the Lenders party thereto and PNC Bank, National Association, as Administrative Agent dated August 7, 2015.                           | (a)                |
| 10.2        | Amendment Agreement of Facility Agreement by and between Calgon Carbon (Suzhou) Co., Ltd. and The Bank of Tokyo-Mitsubishi UFJ (China), Ltd., acting by and through its Shanghai Branch effective as of July 19, 2015 and dated August 7, 2015. | (b)                |
| 10.3        | Confidential Separation and General Release Agreement by and between Calgon Carbon Corporation and Richard D. Rose dated September 8, 2015.                                                                                                     | (c)                |
| 31.1        | Rule 13a-14(a) Certification of Chief Executive Officer                                                                                                                                                                                         | Filed herewith     |
| 31.2        | Rule 13a-14(a) Certification of Chief Financial Officer                                                                                                                                                                                         | Filed herewith     |
| 32.1        | Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.                                                                                              | Furnished herewith |
| 32.2        | Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.                                                                                              | Furnished herewith |
| 101.INS     | XBRL Instance Document                                                                                                                                                                                                                          |                    |
| 101.SCH     | XBRL Taxonomy Extension Schema Document                                                                                                                                                                                                         |                    |
| 101.CAL     | XBRL Taxonomy Extension Calculation Linkbase Document                                                                                                                                                                                           |                    |
| 101.LAB     | XBRL Taxonomy Extension Label Linkbase Document                                                                                                                                                                                                 |                    |
| 101.PRE     | XBRL Taxonomy Extension Presentation Linkbase Document                                                                                                                                                                                          |                    |
| (a)         | <i>Incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed August 11, 2015 (File No. 001-10776).</i>                                                                                                 |                    |
| (b)         | <i>Incorporated herein by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K filed August 11, 2015 (File No. 001-10776).</i>                                                                                                 |                    |
| (c)         | <i>Incorporated herein by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed September 11, 2015 (File No. 001-10776).</i>                                                                                              |                    |



[Table of Contents](#)

## 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.

CALGON CARBON CORPORATION  
(REGISTRANT)

Date: November 6, 2015

/s/Stevan R. Schott  
Stevan R. Schott  
Senior Vice President,  
Chief Financial Officer