

TETRA TECH INC  
Form 10-Q  
February 03, 2017  
[Table of Contents](#)

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C. 20549

---

**FORM 10-Q**

(Mark One)

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

For the quarterly period ended January 1, 2017

**OR**

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

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 0-19655

---

Edgar Filing: TETRA TECH INC - Form 10-Q

**TETRA TECH, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**95-4148514**  
(I.R.S. Employer  
Identification Number)

**3475 East Foothill Boulevard, Pasadena, California 91107**

(Address of principal executive offices) (Zip Code)

**(626) 351-4664**

(Registrant's telephone number, including area code)

---

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 (§232.405 of this chapter) 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

## Edgar Filing: TETRA TECH INC - Form 10-Q

As of January 30, 2017, 57,317,053 shares of the registrant's common stock were outstanding.

---

Table of Contents

**TETRA TECH, INC.**

**INDEX**

<u>PART I.</u>	<u>FINANCIAL INFORMATION</u>	<b>PAGE NO.</b>
<u>Item 1.</u>	<u>Financial Statements (unaudited)</u>	3
	<u>Condensed Consolidated Balance Sheets as of January 1, 2017 and October 2, 2016</u>	3
	<u>Condensed Consolidated Statements of Income for the Three Months Ended January 1, 2017 and December 27, 2015</u>	4
	<u>Condensed Consolidated Statements of Comprehensive Income for the Three Months Ended January 1, 2017 and December 27, 2015</u>	5
	<u>Condensed Consolidated Statements of Cash Flows for the Three Months Ended January 1, 2017 and December 27, 2015</u>	6
	<u>Notes to Condensed Consolidated Financial Statements</u>	7
<u>Item 2.</u>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	20
<u>Item 3.</u>	<u>Quantitative and Qualitative Disclosures About Market Risk</u>	32
<u>Item 4.</u>	<u>Controls and Procedures</u>	32
<u>PART II.</u>	<u>OTHER INFORMATION</u>	32
<u>Item 1.</u>	<u>Legal Proceedings</u>	32
<u>Item 1A.</u>	<u>Risk Factors</u>	33
<u>Item 2.</u>	<u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	51
<u>Item 4.</u>	<u>Mine Safety Disclosure</u>	51
<u>Item 6.</u>	<u>Exhibits</u>	51
	<u>SIGNATURES</u>	52

Table of Contents**PART I. FINANCIAL INFORMATION****Item 1. Financial Statements****Tetra Tech, Inc.****Condensed Consolidated Balance Sheets****(unaudited - in thousands, except par value)**

ASSETS	January 1, 2017	October 2, 2016
Current assets:		
Cash and cash equivalents	\$ 126,981	\$ 160,459
Accounts receivable net	750,784	714,336
Prepaid expenses and other current assets	53,740	46,262
Income taxes receivable	22,497	14,371
Total current assets	954,002	935,428
Property and equipment net	63,302	67,827
Investments in and advances to unconsolidated joint ventures	1,964	2,064
Goodwill	709,739	717,988
Intangible assets net	42,167	48,962
Deferred income taxes	1,016	630
Other long-term assets	28,233	27,880
Total assets	\$ 1,800,423	\$ 1,800,779
<b>LIABILITIES AND EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 136,165	\$ 158,773
Accrued compensation	92,300	129,184
Billings in excess of costs on uncompleted contracts	112,695	88,223
Current portion of long-term debt	15,483	15,510
Current contingent earn-out liabilities	4,391	4,296
Other current liabilities	67,611	85,100
Total current liabilities	428,645	481,086
Deferred income taxes	63,470	60,348
Long-term debt	372,721	331,501
Long-term contingent earn-out liabilities	4,461	4,461
Other long-term liabilities	58,382	53,980
Commitments and contingencies (Note 15)		
Equity:		

Edgar Filing: TETRA TECH INC - Form 10-Q

Preferred stock Authorized, 2,000 shares of \$0.01 par value; no shares issued and outstanding at January 1, 2017 and October 2, 2016

Common stock Authorized, 150,000 shares of \$0.01 par value; issued and outstanding, 57,219 and 57,042 shares at January 1, 2017 and October 2, 2016, respectively

	572	570
Additional paid-in capital	257,417	260,340
Accumulated other comprehensive loss	(143,194)	(128,008)
Retained earnings	757,776	736,357
Tetra Tech stockholders' equity	872,571	869,259
Noncontrolling interests	173	144
Total equity	872,744	869,403
Total liabilities and equity	\$ 1,800,423	\$ 1,800,779

See Notes to Condensed Consolidated Financial Statements.

Table of Contents**Tetra Tech, Inc.****Condensed Consolidated Statements of Income****(unaudited in thousands, except per share data)**

	<b>Three Months Ended</b>	
	<b>January 1, 2017</b>	<b>December 27, 2015</b>
Revenue	\$ 668,851	\$ 560,708
Subcontractor costs	(179,300)	(139,752)
Other costs of revenue	(408,190)	(347,796)
Gross profit	81,361	73,160
Selling, general and administrative expenses	(41,506)	(39,229)
Contingent consideration fair value adjustments		(1,001)
Operating income	39,855	32,930
Interest expense, net	(2,908)	(1,660)
Income before income tax expense	36,947	31,270
Income tax expense	(10,358)	(8,030)
Net income including noncontrolling interests	26,589	23,240
Net income from noncontrolling interests	(27)	(1)
Net income attributable to Tetra Tech	\$ 26,562	\$ 23,239
Earnings per share attributable to Tetra Tech:		
Basic	\$ 0.47	\$ 0.39
Diluted	\$ 0.46	\$ 0.39
Weighted-average common shares outstanding:		
Basic	57,099	59,058
Diluted	58,145	59,793
Cash dividends paid per share	\$ 0.09	\$ 0.08

See Notes to Condensed Consolidated Financial Statements.

Table of Contents**Tetra Tech, Inc.****Condensed Consolidated Statements of Comprehensive Income****(unaudited in thousands)**

	<b>Three Months Ended</b>	
	<b>January 1, 2017</b>	<b>December 27, 2015</b>
Net income including noncontrolling interests	\$ 26,589	\$ 23,240
Other comprehensive income (loss), net of tax:		
Foreign currency translation adjustments	(15,999)	(16,474)
Gain on cash flow hedge valuations	996	1,110
Other comprehensive income (loss), net of tax	(15,003)	(15,364)
Comprehensive income including noncontrolling interests	11,586	7,876
Net income attributable to noncontrolling interests	(27)	(1)
Foreign currency translation adjustments, net of tax	(183)	(10)
Comprehensive income attributable to noncontrolling interests	(210)	(11)
Comprehensive income attributable to Tetra Tech	\$ 11,376	\$ 7,865

See Notes to Condensed Consolidated Financial Statements.



Table of Contents

## Tetra Tech, Inc.

## Condensed Consolidated Statements of Cash Flows

(unaudited in thousands)

	Three Months Ended	
	January 1, 2017	December 27, 2015
Cash flows from operating activities:		
Net income including noncontrolling interests	\$ 26,589	\$ 23,240
Adjustments to reconcile net income to net cash from operating activities:		
Depreciation and amortization	11,191	9,805
Equity in income of unconsolidated joint ventures	(1,030)	(202)
Distributions of earnings from unconsolidated joint ventures	1,114	205
Stock-based compensation	3,217	2,792
Excess tax benefits from stock-based compensation		(118)
Deferred income taxes	2,195	928
Provision for doubtful accounts	(1,128)	7,019
Fair value adjustments to contingent consideration		1,001
Gain on disposal of property and equipment	(118)	(176)
Changes in operating assets and liabilities, net of effects of business acquisitions:		
Accounts receivable	(41,962)	30,415
Prepaid expenses and other assets	(7,392)	(8,648)
Accounts payable	(22,609)	(30,361)
Accrued compensation	(36,884)	(12,233)
Billings in excess of costs on uncompleted contracts	24,472	2,199
Other liabilities	(9,642)	(1,309)
Income taxes receivable/payable	(6,760)	(942)
Net cash (used in) provided by operating activities	(58,747)	23,615
Cash flows from investing activities:		
Capital expenditures	(2,031)	(3,250)
Proceeds from sale of property and equipment	223	704
Net cash used in investing activities	(1,808)	(2,546)
Cash flows from financing activities:		
Payments on long-term debt	(47,265)	(2,802)
Proceeds from borrowings	88,950	
Payments of earn-out liabilities		(1,001)
Excess tax benefits from stock-based compensation		118
Repurchases of common stock	(10,000)	(25,000)
Dividends paid	(5,144)	(4,713)
Net proceeds from issuance of common stock	2,403	4,085
Net cash provided by (used in) financing activities	28,944	(29,313)
Effect of foreign exchange rate changes on cash	(1,867)	(1,994)
Net decrease in cash and cash equivalents	(33,478)	(10,238)
Cash and cash equivalents at beginning of period	160,459	135,326
Cash and cash equivalents at end of period	\$ 126,981	\$ 125,088

Edgar Filing: TETRA TECH INC - Form 10-Q

Supplemental information:

Cash paid during the period for:

Interest	\$	2,931	\$	1,743
Income taxes, net of refunds received of \$0.0 million and \$0.4 million	\$	14,831	\$	8,793

See Notes to Condensed Consolidated Financial Statements.

Table of Contents**TETRA TECH, INC.****Notes to Condensed Consolidated Financial Statements****1. Basis of Presentation**

The accompanying unaudited condensed consolidated financial statements and related notes of Tetra Tech, Inc. ( we, us or our ) have been prepared in accordance with generally accepted accounting principles in the United States of America ( GAAP ) for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. They do not include all of the information and footnotes required by GAAP for complete financial statements and, therefore, should be read in conjunction with the audited consolidated financial statements and related notes contained in our Annual Report on Form 10-K for the fiscal year ended October 2, 2016.

These financial statements reflect all normal recurring adjustments that are considered necessary for a fair statement of our financial position, results of operations and cash flows for the interim periods presented. The results of operations and cash flows for any interim period are not necessarily indicative of results for the full year or for future years.

**2. Accounts Receivable Net and Revenue Recognition**

Net accounts receivable and billings in excess of costs on uncompleted contracts consisted of the following:

	January 1, 2017		October 2, 2016
	(in thousands)		
Billed	\$ 406,173	\$	364,287
Unbilled	343,186		356,147
Contract retentions	32,683		29,135
Total accounts receivable gross	782,042		749,569
Allowance for doubtful accounts	(31,258)		(35,233)
Total accounts receivable net	\$ 750,784	\$	714,336
Billings in excess of costs on uncompleted contracts	\$ 112,695	\$	88,223

Billed accounts receivable represent amounts billed to clients that have not been collected. Unbilled accounts receivable represent revenue recognized but not yet billed pursuant to contract terms or billed after the period end date. Except for amounts related to claims as discussed below, most of our unbilled receivables at January 1, 2017 are expected to be billed and collected within 12 months. Contract retentions represent amounts withheld by clients until certain conditions are met or the project is completed, which may be several months or years. The allowance for doubtful accounts represents amounts that are expected to become uncollectible or unrealizable in the future. We determine an estimated allowance for uncollectible accounts based on management's consideration of trends in the actual and forecasted credit quality of our

## Edgar Filing: TETRA TECH INC - Form 10-Q

clients, including delinquency and payment history; type of client, such as a government agency or a commercial sector client; and general economic and particular industry conditions that may affect a client's ability to pay. **Billings in excess of costs on uncompleted contracts represent the amount of cash collected from clients and billings to clients on contracts in advance of revenue recognized. The majority of billings in excess of costs on uncompleted contracts will be earned within 12 months.**

Once contract performance is underway, we may experience changes in conditions, client requirements, specifications, designs, materials and expectations regarding the period of performance. Such changes result in change orders and may be initiated by us or by our clients. In many cases, agreement with the client as to the terms of change orders is reached prior to work commencing; however, sometimes circumstances require that work progress without a definitive client agreement. Unapproved change orders constitute claims in excess of agreed contract prices that we seek to collect from our clients (or other third parties) for delays, errors in specifications and designs, contract terminations, or other causes of unanticipated additional costs. Revenue on claims

Table of Contents

is recognized when contract costs related to claims have been incurred and when their addition to contract value can be reliably estimated. This can lead to a situation in which costs are recognized in one period and revenue is recognized in a subsequent period, such as when client agreement is obtained or a claims resolution occurs.

Total accounts receivable at January 1, 2017 and October 2, 2016 included \$44 million and \$45 million, respectively, related to claims, including requests for equitable adjustment, on contracts that provide for price redetermination. We regularly evaluate all unsettled claim amounts and record appropriate adjustments to operating earnings when it is probable that the claim will result in a different contract value than the amount previously estimated. We recorded no gains or losses related to claims in the first quarter of fiscal 2017. In the first quarter of fiscal 2016, we collected \$13.4 million to settle claims of \$8.8 million, which resulted in gains in operating income of \$4.6 million in the RCM reportable segment.

Billed accounts receivable related to U.S. federal government contracts were \$76.0 million and \$47.4 million at January 1, 2017 and October 2, 2016, respectively. The increase was largely due to the timing of collections on accounts receivable from a large U.S. federal government client. U.S. federal government unbilled receivables were \$82.9 million and \$92.2 million at January 1, 2017 and October 2, 2016, respectively. Other than the U.S. federal government, no single client accounted for more than 10% of our accounts receivable at January 1, 2017 and October 2, 2016.

We recognize revenue for most of our contracts using the percentage-of-completion method, primarily utilizing the cost-to-cost approach, to estimate the progress towards completion in order to determine the amount of revenue and profit to recognize. Changes in those estimates could result in the recognition of cumulative catch-up adjustments to the contract's inception-to-date revenue, costs and profit in the period in which such changes are made. As a result, we recognized net unfavorable operating income adjustments during the first quarter of fiscal 2017 of \$4.0 million (\$2.3 million in the Resource Management and Energy ( RME ) segment and \$1.7 million in the Remediation and Construction Management ( RCM ) segment). These adjustments were immaterial in the first quarter of fiscal 2016. Changes in revenue and cost estimates could also result in a projected loss that would be recorded immediately in earnings. As of January 1, 2017 and October 2, 2016, our balance sheet included a liability for anticipated losses of \$6.6 million and \$6.7 million, respectively. The estimated cost to complete the related contracts as of January 1, 2017 was \$18.1 million.

### **3. Mergers and Acquisitions**

We did not complete any acquisitions in the first quarter of fiscal 2017. On January 18, 2016, we acquired control of Coffey International Limited ( Coffey ), headquartered in Sydney, Australia. Coffey had approximately 3,300 staff delivering technical and engineering solutions in international development and geoscience. Coffey significantly expands our geographic presence, particularly in Australia and Asia Pacific, and is part of our RME segment. In addition to Australia, Coffey's international development business has operations supporting federal government agencies in the U.S. and the United Kingdom. The fair value of the purchase price for Coffey was \$76.1 million, in addition to \$65.1 million of assumed debt, which consisted of secured bank term debt of \$37.1 million and unsecured corporate bond obligations of \$28.0 million. All of this debt was paid in full from other borrowings in the second quarter of fiscal 2016 subsequent to the acquisition.

In the second quarter of fiscal 2016, we also acquired INDUS Corporation ( INDUS ), headquartered in Vienna, Virginia. INDUS is an information technology solutions firm focused on water data analytics, geospatial analysis, secure infrastructure, and software applications management for U.S. federal government customers, and is included in our Water, Environment and Infrastructure ( WEI ) segment. The fair

## Edgar Filing: TETRA TECH INC - Form 10-Q

value of the purchase price for INDUS was \$18.7 million. Of this amount, \$14.0 million was paid to the sellers and \$4.7 million was the estimated fair value of contingent earn-out obligations, with a maximum of \$8.0 million, based upon the achievement of specified operating income targets in each of the two years following the acquisition.

Table of Contents

The following table summarizes the estimated fair values of assets acquired and liabilities assumed as of the respective acquisition dates for our acquisitions completed in fiscal 2016 (in thousands):

Accounts receivable	\$	71,515
Other current assets		18,869
Property and equipment		14,218
Goodwill		108,323
Backlog and trade name intangible assets		29,445
Other assets		747
Current liabilities		(78,311)
Borrowings		(65,086)
Other long-term liabilities		(4,885)
Net assets acquired	\$	94,835

Goodwill additions resulting from the above business combinations are primarily attributable to the existing workforce of the acquired companies and the synergies expected to arise after the acquisitions. Specifically, goodwill additions related to the fiscal 2016 acquisitions primarily represent the value of workforces with distinct expertise in the international development, geoscience, and software applications management markets. In addition, these acquired capabilities, when combined with our existing global consulting and engineering business, result in opportunities that allow us to provide services under contracts that could not have been pursued individually by either us or the acquired companies. The results of these acquisitions were included in our condensed consolidated financial statements from their respective closing dates.

Backlog and trade name intangible assets include the fair value of existing contracts and the underlying customer relationships with lives ranging from 1 to 5 years (weighted average of approximately 3 years) and the fair value of trade names with lives ranging from 3 to 5 years.

The table below presents summarized unaudited consolidated pro forma operating results including the related acquisition, integration and debt pre-payment charges, assuming we had acquired Coffey and INDUS at the beginning of fiscal 2016. These pro-forma operating results are presented for illustrative purposes only and are not indicative of the operating results that would have been achieved had the related events occurred at the beginning of fiscal 2016.

	Pro-Forma	
	Three Months Ended	
	January 1, 2017	December 27, 2015
(in thousands, except per share data)		
Revenue	\$ 668,851	\$ 671,669
Operating income	39,855	14,238
Net income attributable to Tetra Tech	26,562	3,016
Earnings per share attributable to Tetra Tech		
Basic	\$ 0.47	\$ 0.05
Diluted	\$ 0.46	\$ 0.05

## Edgar Filing: TETRA TECH INC - Form 10-Q

Coffey and INDUS combined contributed \$102.3 million in revenue and \$7.4 million in operating income for the first quarter of fiscal 2017. Coffey's contributions included the benefit of post-acquisition integration with our existing environmental and international development businesses. Amortization of intangible assets was \$2.6 million for the first quarter of fiscal 2017.

Most of our acquisition agreements include contingent earn-out agreements, which are generally based on the achievement of future operating income thresholds. The contingent earn-out arrangements are based on our valuations of the acquired companies, and reduce the risk of overpaying for acquisitions if the projected financial results are not achieved. The fair values of any earn-out arrangements are included as part of the purchase price of the acquired companies on their respective acquisition dates. For each transaction, we estimate the fair value of contingent earn-out payments as part of the initial purchase price and record the estimated fair value of contingent consideration as a liability in

Current contingent earn-out liabilities and Long-term contingent earn-out liabilities on our condensed consolidated balance sheets. We consider several factors when determining that contingent earn-out liabilities are part of the purchase price, including the following: (1) the valuation of our acquisitions is not supported solely by the initial consideration paid, and the contingent earn-out formula is a critical and material component of the valuation approach to determining the purchase price; and (2) the former owners of acquired companies that remain as key employees receive compensation other than contingent earn-out payments at a reasonable level compared with the compensation of our other key employees. The contingent earn-out payments are not affected by employment termination.



Table of Contents

We measure our contingent earn-out liabilities at fair value on a recurring basis using significant unobservable inputs classified within Level 3 of the fair value hierarchy. We use a probability-weighted discounted income approach as a valuation technique to convert future estimated cash flows to a single present value amount. The significant unobservable inputs used in the fair value measurements are operating income projections over the earn-out period (generally two or three years), and the probability outcome percentages we assign to each scenario. Significant increases or decreases to either of these inputs in isolation would result in a significantly higher or lower liability, with a higher liability capped by the contractual maximum of the contingent earn-out obligation. Ultimately, the liability will be equivalent to the amount paid, and the difference between the fair value estimate and amount paid will be recorded in earnings. The amount paid that is less than or equal to the contingent earn-out liability on the acquisition date is reflected as cash used in financing activities in our condensed consolidated statements of cash flows. Any amount paid in excess of the contingent earn-out liability on the acquisition date is reflected as cash used in operating activities.

We review and re-assess the estimated fair value of contingent consideration on a quarterly basis, and the updated fair value could differ materially from the initial estimates. Changes in the estimated fair value of our contingent earn-out liabilities related to the time component of the present value calculation are reported in interest expense. Adjustments to the estimated fair value related to changes in all other unobservable inputs are reported in operating income. We had no adjustments to our contingent earn-out liabilities in the first quarter of fiscal 2017. During the first quarter of fiscal 2016, we recorded an increase in our contingent earn-out liabilities and reported a related loss in operating income of \$1.0 million. This loss represented the final cash settlement during the first quarter of fiscal 2016 of an earn-out liability that was valued at \$0 at the end of fiscal 2015.

At January 1, 2017, there was a total maximum of \$14.5 million of outstanding contingent consideration related to acquisitions. Of this amount, \$8.9 million was estimated as the fair value and accrued on our condensed consolidated balance sheet.

*Subsequent Event.* On February 1, 2017, we announced the acquisition of Eco Logical Australia, a multi-disciplinary consulting firm with over 160 staff that provide innovative, high-end environmental and ecological services.

#### 4. Goodwill and Intangible Assets

The following table summarizes the changes in the carrying value of goodwill:

	WEI	RME (in thousands)	Total
Balance at October 2, 2016	\$ 221,953	\$ 496,035	\$ 717,988
Goodwill adjustments	13,509	(12,804)	705
Foreign exchange impact	(2,300)	(6,654)	(8,954)
Balance at January 1, 2017	\$ 233,162	\$ 476,577	\$ 709,739

In the first quarter of fiscal 2017, we completed our purchase price allocations for Coffey and INDUS and recorded a net goodwill adjustment of \$0.7 million, which resulted from an updated valuation of our purchase price allocation of net assets acquired in the Coffey acquisition. Foreign exchange impact relates to our foreign subsidiaries with functional currencies that are different than our reporting currency. The gross amounts

## Edgar Filing: TETRA TECH INC - Form 10-Q

of goodwill for WEI were \$315.6 million and \$304.4 million at January 1, 2017 and October 2, 2016, respectively, excluding \$82.4 million of accumulated impairment. The gross amounts of goodwill for RME were \$509.8 million and \$529.2 million at January 1, 2017 and October 2, 2016, respectively, excluding \$33.2 million of accumulated impairment.

Table of Contents

We perform our annual goodwill impairment review at the beginning of our fiscal fourth quarter. Our last review was performed at June 27, 2016 (i.e. the first day of our fourth quarter in fiscal 2016). In addition, we regularly evaluate whether events and circumstances have occurred that may indicate a potential change in the recoverability of goodwill. We perform interim goodwill impairment reviews between our annual reviews if certain events and circumstances have occurred, such as a deterioration in general economic conditions; an increase in the competitive environment; a change in management, key personnel, strategy, or customers; negative or declining cash flows; or a decline in actual or planned revenue or earnings compared with actual and projected results of relevant prior periods.

We estimate the fair value of all reporting units with a goodwill balance based on a comparison and weighting of the income approach (weighted 70%), specifically the discounted cash flow method, and the market approach (weighted 30%), which estimates the fair value of our reporting units based upon comparable market prices and recent transactions and also validates the reasonableness of the multiples from the income approach. The resulting fair value is most sensitive to the assumptions we use in our discounted cash flow analysis. The assumptions that have the most significant impact on the fair value calculation are the reporting unit's revenue growth rate and operating profit margin, and the discount rate used to convert future estimated cash flows to a single present value amount.

Our fourth quarter 2016 goodwill impairment review indicated that we had no impairment of goodwill, and all of our reporting units had estimated fair values that were in excess of their carrying values, including goodwill. Although we believe that our estimates of fair value for our reporting units are reasonable, if financial performance for our reporting units falls significantly below our expectations or market prices for similar businesses decline, the goodwill for our reporting units could become impaired.

The gross amount and accumulated amortization of our acquired identifiable intangible assets with finite useful lives included in Intangible assets - net on our condensed consolidated balance sheets, were as follows:

	Weighted-Average Remaining Life (in Years)	January 1, 2017		October 2, 2016	
		Gross Amount	Accumulated Amortization (\$ in thousands)	Gross Amount	Accumulated Amortization
Non-compete agreements	0.7	\$ 876	\$ (858)	\$ 881	\$ (840)
Client relations	2.2	111,166	(85,982)	112,367	(83,514)
Backlog	2.0	22,229	(9,304)	23,018	(7,536)
Technology and trade names	3.6	7,496	(3,456)	7,778	(3,192)
Total		\$ 141,767	\$ (99,600)	\$ 144,044	\$ (95,082)

Foreign currency translation adjustments reduced net intangible assets by \$0.9 million in the first quarter of fiscal 2017. Amortization expense for the first quarters of fiscal 2017 and 2016 was \$5.9 million and \$4.3 million, respectively. Estimated amortization expense for the remainder of fiscal 2017 and succeeding years is as follows:

	Amount (in thousands)
2017	\$ 16,286
2018	14,011

Edgar Filing: TETRA TECH INC - Form 10-Q

2019		6,871
2020		3,708
2021		651
Beyond		640
Total	\$	42,167

Table of Contents**5. Property and Equipment**

Property and equipment consisted of the following:

	January 1, 2017	October 2, 2016
	(in thousands)	
Land and buildings	\$ 3,683	\$ 3,683
Equipment, furniture and fixtures	179,674	180,750
Leasehold improvements	28,861	30,261
Total property and equipment	212,218	214,694
Accumulated depreciation	(148,916)	(146,867)
Property and equipment, net	\$ 63,302	\$ 67,827

The depreciation expense related to property and equipment was both \$5.3 million for the first quarters of fiscal 2017 and 2016.

**6. Stock Repurchase and Dividends**

On November 7, 2016, the Board of Directors authorized a new stock repurchase program under which we could repurchase up to \$200 million of our common stock. In the first quarter of 2017, we repurchased through open market purchases under this program a total of 232,665 shares at an average price of \$42.98, for a total cost of \$10.0 million.

On November 7, 2016, the Board of Directors declared a quarterly cash dividend of \$0.09 per share payable on December 14, 2016 to stockholders of record as of the close of business on December 1, 2016. Dividends totaling \$5.1 million and \$4.7 million were paid in the first quarters of fiscal 2017 and fiscal 2016, respectively.

*Subsequent Event.* On January 30, 2017, the Board of Directors declared a quarterly cash dividend of \$0.09 per share payable on March 3, 2017 to stockholders of record as of the close of business on February 17, 2017.

**7. Stockholders Equity and Stock Compensation Plans**

We recognize the fair value of our stock-based compensation awards as compensation expense on a straight-line basis over the requisite service period in which the award vests. Stock-based compensation expense for the first quarters of fiscal 2017 and 2016 was \$3.2 million and \$2.8 million, respectively. The majority of these amounts were included in Selling, general and administrative ( SG&A ) expenses in our condensed consolidated statements of income. In the first quarter of fiscal 2017, we granted 183,163 stock options with an exercise price of \$40.67 per share and an estimated weighted-average fair value of \$12.35 per share to our non-employee directors and executive officers. The executive officer options vest over a four-year period, and the non-employee director options vest after one year. In addition, we awarded 99,180 performance shares units ( PSUs ) to our non-employee directors and executive officers at the fair value of \$47.36 per share on the award date. All of the PSUs are performance-based and vest, if at all, after the conclusion of the three-year performance period. The number of PSUs that ultimately vest is based 50% on the growth in our diluted earnings per share and 50% on our total shareholder return over the vesting period. Additionally, we awarded 218,941 restricted stock units ( RSUs ) to our non-employee directors, executive officers and employees at the fair value of \$40.80 per share on the award date. All of the executive officer and employee RSUs have time-based vesting over a four-year period, and the non-employee director RSUs vest after one year.

## 8. Earnings Per Share ( EPS )

Basic EPS is computed by dividing net income available to common stockholders by the weighted-average number of common shares outstanding, less unvested restricted stock for the period. Diluted EPS is computed by dividing net income by the weighted-average number of common shares outstanding and dilutive potential common shares for the period. Potential common shares include the weighted-average dilutive effects of outstanding stock options and unvested restricted stock using the treasury stock method.

Table of Contents

The following table sets forth the number of weighted-average shares used to compute basic and diluted EPS:

	Three Months Ended	
	January 1, 2017	December 27, 2015
(in thousands, except per share data)		
Net income attributable to Tetra Tech	\$ 26,562	\$ 23,239
Weighted-average common shares outstanding - basic	57,099	59,058
Effect of dilutive stock options and unvested restricted stock	1,046	735
Weighted-average common stock outstanding - diluted	58,145	59,793
Earnings per share attributable to Tetra Tech:		
Basic	\$ 0.47	\$ 0.39
Diluted	\$ 0.46	\$ 0.39

For the first quarters of fiscal 2017 and 2016, 0.1 million and 0.6 million options, respectively, were excluded from the calculation of dilutive potential common shares because the assumed proceeds per share exceeded the average market price per share during the period. Therefore, their inclusion would have been anti-dilutive.

## 9. Income Taxes

The effective tax rates for the first quarters of fiscal 2017 and 2016 were 28.0% and 25.7%, respectively. During the first quarter of fiscal 2017, we adopted accounting guidance which requires excess tax benefits and deficiencies on share-based payments to be recorded as income tax expense or benefit in the statement of income rather than being recorded in additional paid-in capital on the balance sheet. As a result, we recognized a \$1.8 million income tax benefit in the first quarter of fiscal 2017. During the first quarter of fiscal 2016, the Protecting Americans from Tax Hikes ( PATH ) Act of 2015 was signed into law. This law permanently extended the federal research and development tax credits ( R&D Credits ) retroactively to January 1, 2015. Our income tax expense for the first quarter of fiscal 2016 included an income tax benefit of \$2.0 million attributable to the last nine months of fiscal 2015, primarily related to the retroactive recognition of the R&D Credits. Excluding these items, the effective tax rates for the first quarters of fiscal 2017 and 2016 were 32.8% and 32.1%, respectively.

We review the realizability of deferred tax assets on a quarterly basis by assessing the need for a valuation allowance. As of January 1, 2017, we performed our assessment of net deferred tax assets. Significant management judgment is required in determining the provision for income taxes and, in particular, any valuation allowance recorded against our deferred tax assets. Applying the applicable accounting guidance requires an assessment of all available evidence, both positive and negative, regarding the realizability of the net deferred tax assets. Based upon recent results, we concluded that a cumulative loss in recent years exists in certain foreign jurisdictions. We have historically relied on the following factors in our assessment of the realizability of our net deferred tax assets:

- taxable income in prior carryback years as permitted under the tax law;

- future reversals of existing taxable temporary differences;
- consideration of available tax planning strategies and actions that could be implemented, if necessary; and
- estimates of future taxable income from our operations.

We considered these factors in our estimate of the reversal pattern of deferred tax assets, using assumptions that we believe are reasonable and consistent with operating results. However, as a result of projected cumulative pre-tax losses in certain foreign jurisdictions for the 36 months ending January 1, 2017, we concluded that our estimates of future taxable income and certain tax planning strategies did not constitute sufficient positive evidence to assert that it is more likely than not that certain deferred tax assets would be realizable before expiration. Based on our assessment, we have concluded that it is not more likely than not that assets related to loss carry-forwards in certain foreign jurisdictions will be realized for which a valuation allowance of \$23.7 million has been provided.



Table of Contents

**10. Reportable Segments**

Our reportable segments are described as follows:

*WEI:* WEI provides consulting and engineering services worldwide for a broad range of water and infrastructure-related needs in both developed and emerging economies. WEI supports both public and private clients including federal, state/provincial, and local governments, and global and local commercial clients. The primary markets for WEI's services include water resources analysis and water management, environmental restoration, government consulting, and a broad range of civil infrastructure master planning and engineering design for facilities, transportation, and regional and local development. WEI's services span from early data collection and monitoring, to data analysis and information technology, to science and engineering applied research, to engineering design, to construction management and operations and maintenance.

*RME:* RME provides consulting and engineering services worldwide for a broad range of resource management and energy needs. RME supports both private and public clients, including global industrial and commercial clients, U.S. federal agencies in large scale remediation, and major international development agencies. The primary markets for RME's services include natural resources, energy, international development, remediation, waste management and utilities. RME's services span from early data collection and monitoring, to data analysis and information technology, to science and engineering applied research, to engineering design, to construction management and operations and maintenance. RME also supports engineering, procurement and construction management (EPCM) for full service implementation of commercial projects.

*RCM:* We report the results of the wind-down of our non-core construction activities in the RCM reportable segment. The remaining work to be performed in this segment will be substantially completed in fiscal 2017.

Management evaluates the performance of these reportable segments based upon their respective segment operating income before the effect of amortization expense related to acquisitions, and other unallocated corporate expenses. We account for inter-segment sales and transfers as if the sales and transfers were to third parties; that is, by applying a negotiated fee onto the costs of the services performed. All significant intercompany balances and transactions are eliminated in consolidation.

The following tables set forth summarized financial information regarding our reportable segments:

*Reportable Segments*



Table of Contents

**Depreciation**

WEI	\$	1,165	\$	1,168
RME		3,647		3,533
RCM		155		193
Corporate		284		409
Total depreciation	\$	5,251	\$	5,303

(1) Includes amortization of intangibles, other costs, and other income not allocable to our reportable segments.

		January 1, 2017		October 2, 2016
		(in thousands)		
<b>Total Assets</b>				
WEI	\$	331,947	\$	308,438
RME		534,306		522,895
RCM		38,958		39,107
Corporate (1)		895,212		930,339
Total assets	\$	1,800,423	\$	1,800,779

*Major Clients*

Other than the U.S. federal government, no single client accounted for more than 10% of our revenue. All of our segments generated revenue from all client sectors.

The following table represents our revenue by client sector:

		Three Months Ended	
		January 1, 2017	December 27, 2015
		(in thousands)	
<b>Client Sector</b>			
International (1)	\$	172,457	\$ 135,807
U.S. commercial		190,266	188,164
U.S. federal government (2)		222,634	165,022
U.S. state and local government		83,494	71,715
Total	\$	668,851	\$ 560,708

- (1) Includes revenue generated from foreign operations, primarily in Canada and Australia, and revenue generated from non-U.S. clients.
- (2) Includes revenue generated under U.S. federal government contracts performed outside the United States.

## 11. Fair Value Measurements

The fair value of long-term debt was determined using the present value of future cash flows based on the borrowing rates currently available for debt with similar terms and maturities (Level 2 measurement, as described in *Critical Accounting Policies and Estimates* in our Annual Report on Form 10-K for the fiscal year ended October 2, 2016). The carrying value of our long-term debt approximated fair value at January 1, 2017 and October 2, 2016. As of January 1, 2017, we had borrowings of \$388 million outstanding under our credit agreement, which were used to fund our business acquisitions, working capital needs, share repurchases, dividends, capital expenditures and contingent earn-outs.

Table of Contents

**12. Joint Ventures**

*Consolidated Joint Ventures*

The aggregate revenue of our consolidated joint ventures was \$1.1 million and \$0.5 million for the first quarters of fiscal 2017 and 2016, respectively. The assets and liabilities of these consolidated joint ventures were immaterial at January 1, 2017 and October 2, 2016. These assets are restricted for use only by those joint ventures and are not available for our general operations. Cash and cash equivalents maintained by the consolidated joint ventures at January 1, 2017 and October 2, 2016 were both \$0.2 million.

*Unconsolidated Joint Ventures*

We account for our unconsolidated joint ventures using the equity method of accounting. Under this method, we recognize our proportionate share of the net earnings of these joint ventures within *Other costs of revenue* in our condensed consolidated statements of income. For the first quarters of fiscal 2017 and 2016, we reported \$1.0 million and \$0.2 million of equity in earnings of unconsolidated joint ventures, respectively. Our maximum exposure to loss as a result of our investments in unconsolidated joint ventures is typically limited to the aggregate of the carrying value of the investment. **Future funding commitments for our unconsolidated joint ventures are immaterial.** The unconsolidated joint ventures are, individually and in the aggregate, immaterial to our condensed consolidated financial statements.

The aggregate carrying values of the assets and liabilities of the unconsolidated joint ventures were \$14.3 million and \$12.3 million, respectively, at January 1, 2017, and \$15.6 million and \$13.5 million, respectively, at October 2, 2016.

**13. Derivative Financial Instruments**

We use certain interest rate derivative contracts to hedge interest rate exposures on our variable rate debt. We enter into foreign currency derivative contracts with financial institutions to reduce the risk that cash flows and earnings will be adversely affected by foreign currency exchange rate fluctuations. Our hedging program is not designated for trading or speculative purposes.

We recognize derivative instruments as either assets or liabilities on the accompanying condensed consolidated balance sheets at fair value. We record changes in the fair value (i.e., gains or losses) of the derivatives that have been designated as cash flow hedges in our condensed consolidated balance sheets as accumulated other comprehensive income (loss), and in our condensed consolidated statements of income for those derivatives designated as fair value hedges.

## Edgar Filing: TETRA TECH INC - Form 10-Q

In fiscal 2013, we entered into three interest rate swap agreements that we have designated as cash flow hedges to fix the variable interest rates on a portion of borrowings under our term loan facility. In the first quarter of fiscal 2014, we entered into two interest rate swap agreements that we designated as cash flow hedges to fix the variable interest rates on the borrowings under our term loan facility. At January 1, 2017, the effective portion of our interest rate swap agreements designated as cash flow hedges before tax effect was \$0.6 million, all of which we expect to be reclassified from accumulated other comprehensive income (loss) to interest expense within the next 12 months.

As of January 1, 2017, the notional principal, fixed rates and related expiration dates of our outstanding interest rate swap agreements are as follows:

<b>Notional Amount (in thousands)</b>	<b>Fixed Rate</b>	<b>Expiration Date</b>
\$ 43,242	1.36%	May 2018
43,242	1.34%	May 2018
43,242	1.35%	May 2018
21,621	1.23%	May 2018
21,621	1.24%	May 2018

Table of Contents

In December 2016, we entered into a forward contract with a notional amount of AUD\$10.0 million to reduce the impact of changes in foreign exchange rates related to an Australian dollar receivable maturing January 2017.

The fair values of our outstanding derivatives designated as hedging instruments were as follows:

	Balance Sheet Location	Fair Value of Derivative Instruments as of	
		January 1, 2017	October 2, 2016
(in thousands)			
Foreign exchange forward contract	Other current assets	\$ 81	\$
Interest rate swap agreements	Other current liabilities	\$ 567	\$ 1,572

The impact of the effective portions of derivative instruments in cash flow hedging relationships and fair value relationships on income and other comprehensive income was immaterial for the first three months of fiscal 2017 and the fiscal year ended October 2, 2016. Additionally, there were no ineffective portions of derivative instruments. Accordingly, no amounts were excluded from effectiveness testing for our foreign currency forward contracts and interest rate swap agreements.

**14. Reclassifications Out of Accumulated Other Comprehensive Loss**

The accumulated balances and reporting period activities for the three months ended January 1, 2017 and December 27, 2015 related to reclassifications out of accumulated other comprehensive loss are summarized as follows:

	Foreign Currency Translation Adjustments	Loss on Derivative Instruments (in thousands)	Accumulated Other Comprehensive Loss
Balances at September 27, 2015	\$ (141,229)	\$ (1,942)	\$ (143,171)
Other comprehensive income (loss) before reclassifications	(16,484)	1,671	(14,813)
Reclassification adjustment of prior derivative settlement, net of tax		(561)	(561)
Net current-period other comprehensive income (loss)	(16,484)	1,110	(15,374)
Balances at December 27, 2015	\$ (157,713)	\$ (832)	\$ (158,545)
Balances at October 2, 2016	\$ (126,844)	\$ (1,164)	\$ (128,008)
Other comprehensive income (loss) before reclassifications	(16,182)	1,338	(14,844)
Reclassification adjustment of prior derivative settlement, net of tax		(342)	(342)

Net current-period other comprehensive income (loss)	(16,182)	996	(15,186)
Balances at January 1, 2017	\$ (143,026)	\$ (168)	\$ (143,194)

## 15. Commitments and Contingencies

We are subject to certain claims and lawsuits typically filed against the engineering, consulting and construction profession, alleging primarily professional errors or omissions. We carry professional liability insurance, subject to certain deductibles and policy limits, against such claims. However, in some actions, parties are seeking damages that exceed our insurance coverage or for which we are not insured. While management does not believe that the resolution of these claims will have a material adverse effect, individually or in aggregate, on our financial position, results of operations or cash flows, management acknowledges the uncertainty surrounding the ultimate resolution of these matters.



Table of Contents

**16. Recent Accounting Pronouncements**

In March 2016, the FASB issued updated guidance which requires excess tax benefits and deficiencies on share-based payments to be recorded as income tax expense or benefit in the income statement rather than being recorded in additional paid-in capital. This guidance is effective for annual and interim periods beginning after December 15, 2016, with early adoption permitted. In the first quarter of fiscal 2017, we adopted this guidance and recognized an income tax benefit of \$1.8 million in our condensed consolidated statement of income. We also reported this amount as part of our cash from operating activities on our condensed consolidated statement of cash flows for the first quarter of fiscal 2017.

In May 2014, the Financial Accounting Standards Board ( FASB ) issued an accounting standard that will supersede existing revenue recognition guidance under current U.S. GAAP. The new standard is a comprehensive new revenue recognition model that requires a company to recognize revenue to depict the transfer of goods or services to a customer at an amount that reflects the consideration it expects to receive in exchange for those goods and services. The accounting standard is effective for us in the first quarter of fiscal 2019. Companies may use either a full retrospective or a modified retrospective approach to adopt this standard. We are currently evaluating the impact and method of the adoption of this guidance on our consolidated financial statements.

In January 2015, the FASB issued an amendment to the accounting guidance related to the income statement presentation of extraordinary and unusual items. The amendment eliminates from U.S. GAAP the concept of extraordinary items. The guidance is effective for us in the first quarter of fiscal 2017, and the adoption of this guidance had no impact on our condensed consolidated financial statements.

In January 2016, the FASB issued guidance that generally requires companies to measure investments in other entities, except those accounted for under the equity method, at fair value and recognize any changes in fair value in net income. The guidance is effective for us in the second quarter of fiscal 2018. We do not expect the adoption of this guidance to have a significant impact on our consolidated financial statements.

In February 2016, the FASB issued guidance that primarily requires lessees to recognize most leases on their balance sheets but record expenses on their income statements in a manner similar to current accounting. For lessors, the guidance modifies the classification criteria and the accounting for sales-type and direct financing leases. The guidance is effective for us in the second quarter of fiscal 2019, with early adoption permitted. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

In June 2016, the FASB issued updated guidance which requires entities to estimate all expected credit losses for certain types of financial instruments, including trade receivables, held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. The updated guidance also expands the disclosure requirements to enable users of financial statements to understand the entity's assumptions, models and methods for estimating expected credit losses. This guidance is effective for us in the second quarter of fiscal 2020, with early adoption permitted. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

## Edgar Filing: TETRA TECH INC - Form 10-Q

In August 2016, the FASB issued guidance to address eight specific cash flow issues to reduce the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. This guidance is effective for us in the second quarter of fiscal 2018, with early adoption permitted. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

In October 2016, the FASB issued updated guidance which requires entities to recognize the income tax consequences of an intra-entity transfer of an asset other than inventory when the transfer occurs. The updated guidance also requires entities to disclose a comparison of income tax expense or benefit with statutory expectations and disclose the types of temporary differences and carryforwards that give rise to a significant portion of deferred income taxes. This guidance is effective for us in the second quarter of fiscal 2018, with early adoption permitted. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

Table of Contents

In November 2016, the FASB issued updated guidance which provides amendments to address the classification and presentation of changes in restricted cash and in the statement of cash flows. This guidance is effective for us in the second quarter of fiscal 2018, with early adoption permitted using a retrospective transition method. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

In January 2017, the FASB issued new guidance that changes the definition of a business to assist entities with evaluating when a set of transferred assets and activities is a business. The guidance requires an entity to evaluate if substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or a group of similar identifiable assets; if so, the set of transferred assets and activities is not a business. This guidance is effective for us in the first quarter of fiscal year 2019, and interim periods within those years, with early adoption permitted. We are currently evaluating the impact that this guidance will have on our consolidated financial statements.

Table of Contents

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

**FORWARD-LOOKING STATEMENTS**

This Quarterly Report on Form 10-Q, including the Management's Discussion and Analysis of Financial Condition and Results of Operations, contains forward-looking statements regarding future events and our future results that are subject to the safe harbor provisions created under the Securities Act of 1933 and the Securities Exchange Act of 1934. All statements other than statements of historical facts are statements that could be deemed forward-looking statements. These statements are based on current expectations, estimates, forecasts and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as expects, anticipates, targets, goals, projects, intends, plans, believes, seeks, estimates, continues, may, variations of such words, and similar expressions are intended to identify such forward-looking statements. In addition, any statements that refer to projections of our future financial performance, our anticipated growth and trends in our businesses, and other characterizations of future events or circumstances are forward-looking statements. Readers are cautioned that these forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions that are difficult to predict, including those identified below under Part II, Item 1A. Risk Factors and elsewhere herein. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. We undertake no obligation to revise or update publicly any forward-looking statements for any reason.

**GENERAL OVERVIEW**

Tetra Tech, Inc. is a leading provider of consulting and engineering services that focuses on water, environment, infrastructure, resource management, energy, and international development. We are a global company that is renowned for our expertise in providing water-related services for public and private clients. We typically begin at the earliest stage of a project by identifying technical solutions and developing execution plans tailored to our clients' needs and resources. Our solutions may span the entire life cycle of consulting and engineering projects and include applied science, data analysis, research, engineering, design, construction management, and operations and maintenance.

Our reputation for high-end consulting and engineering services and our ability to apply our skills to develop solutions for water and environmental management has supported our growth over 50 years since the founding of our predecessor company. By combining ingenuity and practical experience, we have helped to advance solutions for managing water, protecting the environment, providing energy, and engineering the infrastructure for our cities and communities. Today, we are working on projects worldwide, and currently have over approximately 16,000 staff.

We derive income from fees for professional, technical, program management, construction and construction management services. As primarily a service-based company, we are labor-intensive rather than capital-intensive. Our revenue is driven by our ability to attract and retain qualified and productive employees, identify business opportunities, secure new and renew existing client contracts, provide outstanding services to our clients and execute projects successfully. We provide services to a diverse base of U.S. commercial, international, U.S. federal and U.S. state and local government agencies. The following table presents the percentage of our revenue by client sector:

**Three Months Ended**

Edgar Filing: TETRA TECH INC - Form 10-Q

	January 1, 2017	December 27, 2015
<b>Client Sector</b>		
U.S. federal government (1)	33.3%	29.4%
International(2)	25.8	24.2
U.S. state and local government	12.5	12.8
U.S. commercial	28.4	33.6
	100.0%	100.0%

(1) Includes revenue generated under U.S. federal government contracts performed outside the United States.

(2) Includes revenue generated from foreign operations, primarily in Canada and Australia, and revenue generated from non-U.S. clients.

Table of Contents

Our reportable segments are as follows:

*Water, Environment and Infrastructure.* WEI provides consulting and engineering services worldwide for a broad range of water, environment, and infrastructure-related needs in both developed and emerging economies. WEI supports both public and private clients including federal, state/provincial and local governments, and commercial clients. The primary WEI markets include water resources analysis and water management, environmental monitoring, data analytics, government consulting, and a broad range of civil infrastructure master planning and engineering design for facilities, transportation, and local development projects. WEI's services span from early data collection and monitoring, to data analysis and information technology, to science and engineering applied research, to engineering design, to construction management, and operations and maintenance.

*Resource Management and Energy.* RME provides consulting and engineering services worldwide for a broad range of resource management and energy needs. RME supports both private and public clients, including global industrial and commercial clients, major international development agencies, and U.S. federal agencies in large-scale remediation. The primary markets for RME's services include natural resources, energy, international development, remediation, waste management, and utilities. RME's services span from early data collection and monitoring, to data analysis and information technology, to feasibility studies and assessments, to science and engineering applied research, to engineering design, to construction management, and operations and maintenance. RME also supports EPCM for full service implementation of commercial projects.

*Remediation and Construction Management.* We report the results of the wind-down of our non-core construction activities in the RCM reportable segment. The remaining work to be performed in this segment will be substantially completed by the end of fiscal 2017.

The following table presents the percentage of our revenue by reportable segment:

Reportable Segment	Three Months Ended	
	January 1, 2017	December 27, 2015
WEI	42.9%	42.9%
RME	59.2	56.3
RCM	1.2	3.7
Inter-segment elimination	(3.3)	(2.9)
	100.0%	100.0%

We provide services under three principal types of contracts: fixed-price, time-and-materials, and cost-plus. The following table presents the percentage of our revenue by contract type:

<b>Contract Type</b>	<b>Three Months Ended</b>	
	<b>January 1, 2017</b>	<b>December 27, 2015</b>
Fixed-price	32.3%	32.9%
Time-and-materials	46.5	48.9
Cost-plus	21.2	18.2
	100.0%	100.0%

Under fixed-price contracts, we receive a fixed price irrespective of the actual costs we incur. Under time-and-materials contracts, we are paid for labor at negotiated hourly billing rates and also paid for other expenses. Under cost-plus contracts, some of which are subject to contract ceiling amounts, we are reimbursed for allowable costs and fees, which may be fixed or performance-based. Profitability on our contracts is driven by billable headcount and our ability to manage our subcontractors, vendors, and material suppliers. A majority of our contract revenue and contract costs are recorded using the percentage-of-completion (cost-to-cost) method. Under this method, revenue is recognized in the ratio of contract costs incurred compared to total estimated contract costs. Revenue and profit on these contracts are subject to revision throughout the duration of the contracts and any required adjustments are made in the period in which the revisions become known. Losses on contracts are recorded in full as they are identified.

Table of Contents

Other contract costs include professional compensation and related benefits, together with certain direct and indirect overhead costs such as rents, utilities, and travel. Professional compensation represents a large portion of these costs. Our SG&A expenses are comprised primarily of marketing and bid and proposal costs, and our corporate headquarters costs related to the executive offices, finance, accounting, administration, and information technology. Our SG&A expenses also include a portion of stock-based compensation and depreciation of property and equipment related to our corporate headquarters, and the amortization of identifiable intangible assets. Most of these costs are unrelated to specific clients or projects, and can vary as expenses are incurred to support company-wide activities and initiatives.

We experience seasonal trends in our business. Our revenue and operating income are typically lower in the first half of our fiscal year, primarily due to the Thanksgiving, Christmas, and New Year's holidays. Many of our clients' employees, as well as our own employees, take vacations during these holiday periods. Further, seasonal inclement weather conditions occasionally cause some of our offices to close temporarily or may hamper our project field work. These occurrences result in fewer billable hours worked on projects and, correspondingly, less revenue recognized. Our revenue is typically higher in the second half of the fiscal year due to favorable weather conditions during spring and summer months that may result in higher billable hours. In addition, our revenue is typically higher in the fourth fiscal quarter due to the U.S. federal government's fiscal year-end spending.

## **ACQUISITIONS AND DIVESTITURES**

*Acquisitions.* We continuously evaluate the marketplace for acquisition opportunities to further our strategic growth plans. Due to our reputation, size, financial resources, geographic presence and range of services, we have numerous opportunities to acquire privately and publicly held companies or selected portions of such companies. We evaluate an acquisition opportunity based on its ability to strengthen our leadership in the markets we serve, add new geographies, and provide complementary skills. Also, during our evaluation, we examine an acquisition's ability to drive organic growth, its accretive effect on long-term earnings, and its ability to generate return on investment. Generally, we proceed with an acquisition if we believe that it could strategically expand our service offerings, improve our long-term financial performance, and increase shareholder returns.

We view acquisitions as a key component in the execution of our growth strategy, and we intend to use cash, debt or securities, as we deem appropriate, to fund acquisitions. We may acquire other businesses that we believe are synergistic and will ultimately increase our revenue and net income, strengthen our ability to achieve our strategic goals, provide critical mass with existing clients, and further expand our lines of service. We typically pay a purchase price that results in the recognition of goodwill, generally representing the intangible value of a successful business with an assembled workforce specialized in our areas of interest. Acquisitions are inherently risky, and no assurance can be given that our previous or future acquisitions will be successful or will not have a material adverse effect on our financial position, results of operations, or cash flow. All acquisitions require the approval of our Board of Directors.

We did not complete any acquisitions in the first quarter of fiscal 2017. On January 18, 2016, we acquired Coffey, headquartered in Sydney, Australia. Coffey had approximately 3,300 staff delivering technical and engineering solutions in international development and geoscience. Coffey significantly expands our geographic presence, particularly in Australia and Asia Pacific, and is part of our RME segment. In addition to Australia, Coffey's international development business has operations supporting federal government agencies in the U.S. and the United Kingdom. In the second quarter of fiscal 2016, we also acquired INDUS, headquartered in Vienna, Virginia. INDUS is a technology solutions firm focused on water data analytics, geospatial analysis, secure infrastructure, and software applications management for U.S. federal government customers, and is included in our WEI segment.



Edgar Filing: TETRA TECH INC - Form 10-Q

For detailed information regarding acquisitions, see Note 3, Mergers and Acquisitions of the Notes to Condensed Consolidated Financial Statements .

*Subsequent Event.* On February 1, 2017, we announced the acquisition of Eco Logical Australia, a multi-disciplinary consulting firm with over 160 staff that provide innovative, high-end environmental and ecological services.

Table of Contents

*Divestitures.* We regularly review and evaluate our existing operations to determine whether our business model should change through the divestiture of certain businesses. Accordingly, from time to time, we may divest certain non-core businesses and reallocate our resources to businesses that better align with our long-term strategic direction. We did not have any divestitures in the first quarters of fiscal 2017 and 2016.

**OVERVIEW OF RESULTS AND BUSINESS TRENDS**

*General.* In first quarter of fiscal 2017, our revenue increased 19.3% compared to the prior-year quarter. Coffey and INDUS, which were acquired in the second quarter of fiscal 2016, together contributed revenue of \$102.3 million in the first quarter of fiscal 2017. Excluding this contribution, our revenue increased 1.0% in the first quarter of fiscal 2017 compared to the same period last year. Our revenue reflects a reduction in construction activities compared to the first quarter of last year. This reduction resulted from our decision to exit from select fixed-price construction markets, which are reported in our RCM segment. Revenue from our ongoing business, excluding RCM, Coffey and INDUS, increased 3.4% in the first quarter of fiscal 2017 compared to last year's first quarter.

*U.S. Federal Government.* Our U.S. federal government business increased 34.9% in the first quarter of fiscal 2017 compared to the same period in fiscal 2016. Excluding the contributions from the fiscal 2016 acquisitions, our U.S. federal government business increased 12.7% in the first quarter of fiscal 2017 compared to last year. This growth primarily reflects increased international development and U.S. Department of Defense activities. During periods of economic volatility, our U.S. federal government clients have historically been the most stable and predictable. We anticipate growth in U.S. federal government revenue in fiscal 2017.

*International.* Our international business increased 27.0% in first quarter of fiscal 2017 compared to the same period last year. This growth was primarily due to Coffey, which contributed international revenue of \$65.4 million in the first quarter of fiscal 2017. Excluding this contribution, our international business decreased 19.4% in the first quarter of fiscal 2017 compared to last year's first quarter, which reflects the commodity-driven slow-down in economic activity in Canada. We anticipate increased international revenue in fiscal 2017, including Coffey. However, if commodity prices remain low or decrease further, our international business could be negatively impacted.

*U.S. State and Local Government.* Our U.S. state and local government business increased 16.4% in the first quarter of fiscal 2017 compared to the same period in fiscal 2016. We experienced this increase despite the impact of the aforementioned reduction in certain construction activities, especially those related to state transportation projects in the RCM segment. Excluding these activities, our U.S. state and local government revenue increased 22.3% in the first quarter of fiscal 2017 compared to the same period last year. Coffey and INDUS had no impact on our U.S. state and local government business. Many state and local government agencies are experiencing improved financial conditions that enable them to address major long-term infrastructure requirements, including the need for maintenance, repair, and upgrading of existing critical infrastructure and the need to build new facilities. As a result,

we experienced broad-based growth in our U.S. state and local government project-related infrastructure revenue. We expect our U.S. state and local government business to show growth during fiscal 2017.

*U.S. Commercial.* Our U.S. commercial business increased 1.1% in the first quarter of fiscal 2017 compared to the same period in fiscal 2016. This growth primarily reflects increased environmental remediation activities that were partially offset by reduced work for oil and gas clients. Coffey and INDUS had no impact on our U.S. commercial business. We expect our U.S. commercial revenue to be stable in fiscal 2017.

Table of Contents**RESULTS OF OPERATIONS***Consolidated Results of Operations*

	January 1, 2017	December 27, 2015	Three Months Ended (\$ in thousands)	Change \$	%
Revenue	\$ 668,851	\$ 560,708		\$ 108,143	19.3%
Subcontractor costs	(179,300)	(139,752)		(39,548)	(28.3)
Revenue, net of subcontractor costs (1)	489,551	420,956		68,595	16.3
Other costs of revenue	(408,190)	(347,796)		(60,394)	(17.4)
Selling, general and administrative expenses	(41,506)	(39,229)		(2,277)	(5.8)
Contingent consideration fair value adjustments		(1,001)		1,001	NM
Operating income	39,855	32,930		6,925	21.0
Interest expense	(2,908)	(1,660)		(1,248)	(75.2)
Income before income tax expense	36,947	31,270		5,677	18.2
Income tax expense	(10,358)	(8,030)		(2,328)	(29.0)
Net income including noncontrolling interests	26,589	23,240		3,349	14.4
Net income from noncontrolling interests	(27)	(1)		(26)	(2,600.0)
Net income attributable to Tetra Tech	\$ 26,562	\$ 23,239		\$ 3,323	14.3
Diluted earnings per share	\$ 0.46	\$ 0.39		\$ 0.07	17.9

(1) We believe that the presentation of Revenue, net of subcontractor costs, which is a non-GAAP financial measure, enhances investors' ability to analyze our business trends and performance because it substantially measures the work performed by our employees. In the course of providing services, we routinely subcontract various services and, under certain international development agency programs, issue grants. Generally, these subcontractor costs and grants are passed through to our clients and, in accordance with GAAP and industry practice, are included in our revenue when it is our contractual responsibility to procure or manage these activities. The grants are included as part of our subcontractor costs. Because subcontractor services can vary significantly from project to project and period to period, changes in revenue may not necessarily be indicative of our business trends. Accordingly, we segregate subcontractor costs from revenue to promote a better understanding of our business by evaluating revenue exclusive of costs associated with external service providers.

NM = not meaningful

The following table reconciles our reported results to non-GAAP ongoing results, which exclude the RCM results and certain purchase accounting-related adjustments. Additionally, ongoing EPS for the first quarter of fiscal 2016 excludes the benefit of the retroactive extension of the R&D Credits. The effective tax rates applied to the adjustments to EPS to arrive at ongoing EPS averaged 32.6% and 33.9% in the first quarters of fiscal 2017 and 2016, respectively. We apply the relevant marginal statutory tax rate based on the nature of the adjustments and tax jurisdiction in which they occur. Both EPS and ongoing EPS were calculated using diluted weighted-average common shares outstanding for the respective periods as reflected in our condensed consolidated statements of income.

Edgar Filing: TETRA TECH INC - Form 10-Q

Table of Contents

	January 1, 2017	Three Months Ended December 27, 2015 (\$ in thousands)	Change \$	%
Revenue	\$ 668,851	\$ 560,708	\$ 108,143	19.3%
RCM	(8,231)	(20,826)	12,595	
Ongoing revenue	\$ 660,620	\$ 539,882	\$ 120,738	22.4
Revenue, net of subcontractor cost	\$ 489,551	\$ 420,956	\$ 68,595	16.3
RCM	(1,795)	(7,190)	5,395	
Ongoing revenue, net of subcontractor costs	\$ 487,756	\$ 413,766	\$ 73,990	17.9
Operating income	\$ 39,855	\$ 32,930	\$ 6,925	21.0
Contingent consideration fair value adjustments		1,001	(1,001)	
RCM	3,042	5,282	(2,240)	
Ongoing operating income	\$ 42,897	\$ 39,213	\$ 3,684	9.4
EPS	\$ 0.46	\$ 0.39	\$ 0.07	17.9%
Contingent consideration fair value adjustments		0.01	(0.01)	
RCM	0.03	0.05	(0.02)	
Retroactive R&D tax		(0.03)	0.03	
Ongoing EPS	\$ 0.49	\$ 0.42	\$ 0.07	16.7%

In the first quarter of fiscal 2017, revenue and revenue, net of subcontractor costs, increased \$108.1 million, or 19.3%, and \$68.6 million, or 16.3%, respectively, compared to the same period last year. The year-over-year comparisons include the above-described reduction in certain construction activities. Revenue and revenue, net of subcontractor costs, from these construction activities, which are reported in the RCM segment, declined \$12.6 million and \$5.4 million, respectively, in the first quarter of fiscal 2017 compared to the prior-year quarter.

Our ongoing revenue and revenue, net of subcontractor costs, increased \$120.7 million, or 22.4%, and \$74.0 million, or 17.9%, respectively, in the first quarter of fiscal 2017 compared to last year's first quarter. These increases reflect the contribution from Coffey and INDUS, which we acquired in the second quarter of fiscal 2016, and together, they contributed revenue of \$102.3 million and revenue, net of subcontractor costs, of \$74.6 million in the first quarter of fiscal 2017. Excluding these contributions, our ongoing revenue and revenue, net of subcontractor costs, increased 3.4% and 1.0%, respectively, in the first quarter of fiscal 2017 compared to the same period last year. These results reflect increased international development and state and local government activity in our ongoing U.S. operations. Excluding Coffey, our international development revenue and revenue, net of subcontractor costs, increased \$14.7 million and \$5.7 million, respectively, and our state and local government revenue and revenue, net of subcontractor costs, increased \$14.2 million and \$11.9 million, respectively, in our ongoing business in the first quarter of fiscal 2017 compared to last year's first quarter. However, these increases were substantially offset by a decline in our oil and gas activities in North America.

Our operating income increased \$6.9 million in the first quarter of fiscal 2017 compared to the same period last year. The loss from exited construction activities in our RCM segment was \$3.0 million in the first quarter of fiscal 2017 compared to \$5.3 million in the first quarter of fiscal 2016. Our RCM results are described below under Remediation and Construction Management. In addition, our first quarter fiscal 2016 operating income was reduced by a \$1.0 million loss related to a change in the estimated fair value of contingent earn-out liabilities. Excluding these non-operating items, ongoing operating income increased \$3.7 million, or 9.4%, in the first quarter of fiscal 2017 compared to the same period last year.

## Edgar Filing: TETRA TECH INC - Form 10-Q

The increase in our ongoing operating income primarily reflects improved results in our WEI segment. WEI's ongoing operating income increased \$4.9 million in the first quarter of fiscal 2017 compared to the same period last year. These results are described below under Water, Environment and Infrastructure. The higher operating income in the WEI segment was partially offset by intangible amortization, which increased by \$1.6 million in the first quarter of fiscal 2017 compared to the same period last year due to the Coffey and INDUS acquisitions.



the same period last year. This improved profitability primarily reflects improved project performance as well as the benefit of measures taken in the first half of fiscal 2016 to improve operational efficiency.



Table of Contents**Resource Management and Energy**

	January 1, 2017	Three Months Ended December 27, 2015 (\$ in thousands)		Change	%
			\$		
Revenue	\$ 396,022	\$ 315,717	\$ 80,305		25.4%
Subcontractor costs	(109,259)	(81,372)	(27,887)		34.3
Revenue, net of subcontractors costs	\$ 286,763	\$ 234,345	\$ 52,418		22.4
Operating income	\$ 26,733	\$ 25,443	\$ 1,290		5.1

Revenue and revenue, net of subcontractor costs, increased \$80.3 million and \$52.4 million, respectively, in the first quarter of fiscal 2017 compared to the year-ago quarter. The increases are primarily due to Coffey contributions of \$94.9 million of revenue and \$69.2 million of revenue, net of subcontractor costs, in the first quarter of fiscal 2017. Coffey's contributions included the benefit of post-acquisition integration with our existing environmental and international development businesses. Excluding the Coffey contribution, our revenue and revenue, net of subcontractor costs, decreased \$14.6 million and \$16.8 million, respectively, in the first quarter of fiscal 2017 compared to same period last year. These decreases reflect the reduction in oil and gas activity in the U.S. and Canada.

Operating income increased \$1.3 million in the first quarter of fiscal 2017 compared to the first quarter of fiscal 2016. This increase reflects the contribution from Coffey, which was partially offset by lower profits from oil and gas related services, inclusive of an unfavorable adjustment to an oil and gas contract of \$2.3 million.

**Remediation and Construction Management**

	January 1, 2017	Three Months Ended December 27, 2015 (\$ in thousands)		Change	%
			\$		
Revenue	\$ 8,231	\$ 20,826	\$ (12,595)		(60.5)%
Subcontractor costs	(6,436)	(13,636)	7,200		(52.8)
Revenue, net of subcontractors costs	\$ 1,795	\$ 7,190	\$ (5,395)		(75.0)
Operating loss	\$ (3,042)	\$ (5,282)	\$ 2,240		(42.4)

Revenue and revenue, net of subcontractor costs, decreased \$12.6 million and \$5.4 million, respectively, in the first quarter of fiscal 2017 compared to the year-ago period. These decreases resulted from our decision to wind-down the RCM construction activities. The operating loss in the first quarter of fiscal 2017 includes an unfavorable adjustment of \$1.7 million to a transportation project that is expected to be completed in the third quarter of fiscal 2017. The remaining loss in the first quarter of fiscal 2017 primarily reflects legal costs related to outstanding claims. The operating loss in the first quarter of fiscal 2016

includes \$7.9 million of losses related to uncollectible accounts receivable, including claims. This loss was partially offset by a gain of \$4.6 million resulting from the settlement of a claim with a U.S. federal government client for work completed in fiscal 2013. The remaining RCM backlog at the end of the first quarter of 2017 was \$18.2 million. The related work to be performed in this segment will be substantially completed in calendar 2017.

**Financial Condition, Liquidity and Capital Resources**

*Capital Requirements.* Our primary sources of liquidity are cash flows from operations and borrowings under our credit facilities. Our primary uses of cash are to fund working capital, capital expenditures, stock repurchases, cash dividends and repayment of debt, as well as to fund acquisitions and earn-out obligations from prior acquisitions. We believe that our existing cash and cash equivalents, operating cash flows and borrowing capacity under our credit agreement, as described below, will be sufficient to meet our capital requirements for at least the next 12 months. On November 7, 2016, the Board of Directors authorized a new stock repurchase program under which we could repurchase up to \$200 million of our common stock. On November 7, 2016, the Board of Directors declared a quarterly cash dividend of \$0.09 per share payable on December 14, 2016 to stockholders of record as of the close of business on December 1, 2016.

Table of Contents

*Subsequent Event.* On January 30, 2017, the Board of Directors declared a quarterly cash dividend of \$0.09 per share payable on March 3, 2017 to stockholders of record as of the close of business on February 17, 2017.

We use a variety of tax planning and financing strategies to manage our worldwide cash and deploy funds to locations where they are needed. We also indefinitely reinvest our foreign earnings, and our current plans do not demonstrate a need to repatriate these earnings. Should we require additional capital in the United States, we may elect to repatriate these foreign funds or raise capital in the U.S. through debt or equity. If we were to repatriate these foreign funds, we would be required to accrue and pay additional U.S. taxes less applicable foreign tax credits.

*Cash and Cash Equivalents.* As of January 1, 2017, cash and cash equivalents were \$127.0 million, a decrease of \$33.5 million compared to the fiscal 2016 year-end. The decrease was due to cash used for operating activities, share repurchases, capital expenditures and dividends, which was partially offset by net borrowings.

*Operating Activities.* For the first quarter of 2017, net cash used in operating activities was \$58.7 million, compared to net cash provided by operating activities of \$23.6 million in the prior-year quarter. The decrease was due primarily to the timing of collections on accounts receivable, as well as payments to our vendors and employees. The net cash provided by operating activities in the prior-year quarter reflects \$13.4 million related to the collection of a claim settlement. The overall decrease was partially offset by an increase in billings in excess of costs on uncompleted contracts.

*Investing Activities.* For the first quarter of 2017, net cash used in investing activities was \$1.8 million, a decrease of \$0.7 million compared to the prior-year period, due to a decrease in capital expenditures.

*Financing Activities.* For the first quarter of 2017, net cash provided by financing activities was \$28.9 million, compared to net cash used in financing activities of \$29.3 million in the same quarter last year. The increase in cash from financing activities resulted primarily from \$41.7 million in higher net borrowings and \$15.0 million in lower stock repurchases in the first quarter of fiscal 2017, compared to the prior-year quarter.

*Debt Financing.* On May 7, 2013, we entered into a credit agreement that provided for a \$205 million term loan facility and a \$460 million revolving credit facility both maturing in May 2018. On May 29, 2015, we entered into a third amendment to our credit agreement (as amended, the Credit Agreement ) that extended the maturity date for the term loan and the revolving credit facility to May 2020. The Credit Agreement is a \$654.8 million senior secured, five-year facility that provides for a \$194.8 million term loan facility (the Term Loan Facility ) and a \$460 million revolving credit facility (the Revolving Credit Facility ). The Credit Agreement allows us to, among other things, finance certain permitted open market repurchases of our common stock, permitted acquisitions, and cash dividends and distributions. The Revolving Credit Facility includes a \$150 million sublimit for the issuance of standby letters of

credit, a \$20 million sublimit for swingline loans, and a \$150 million sublimit for multicurrency borrowings. The interest rate provisions of the term loan and the revolving credit facility did not materially change.

The Term Loan Facility is subject to quarterly amortization of principal, with \$10.3 million payable in year 1, and \$15.4 million payable in years 2 through 5. The Term Loan may be prepaid at any time without penalty. We may borrow on the Revolving Credit Facility, at our option, at either (a) a Eurocurrency rate plus a margin that ranges from 1.15% to 2.00% per annum, or (b) a base rate for loans in U.S. dollars (the highest of the U.S. federal funds rate plus 0.50% per annum, the bank's prime rate or the Eurocurrency rate plus 1.00%) plus a margin that ranges from 0.15% to 1.00% per annum. In each case, the applicable margin is based on our Consolidated Leverage Ratio, calculated quarterly. The Term Loan Facility is subject to the same interest rate provisions. The interest rate of the Term Loan Facility at the date of inception was 1.57%. The Credit Agreement expires on May 29, 2020, or earlier at our discretion, upon payment in full of loans and other obligations.

As of January 1, 2017, we had \$388 million in outstanding borrowings under the Credit Agreement, which was comprised of \$173 million under the Term Loan Facility and \$215 million under the Revolving Credit Facility at a weighted-average interest rate of 2.2% per annum. In addition, we had \$1.0 million in standby letters of credit under the Credit Agreement. Our average effective weighted-average interest rate on borrowings outstanding at January 1, 2017 under the Credit Agreement, including the effects of interest rate swap agreements described in Note 13,

Derivative Financial Instruments of the Notes to Condensed Consolidated Financial Statements, was 2.58%. At January 1, 2017, we had \$244 million of available credit under the Revolving Credit Facility, of which \$192.6 million could be borrowed without a violation of our debt covenants. In addition, we entered into agreements with three banks to issue up to \$53 million in standby letters of credit. The aggregate amount of standby letters of credit outstanding under these additional facilities and other bank guarantees was \$21.3 million, of which \$5.7 million was issued in currencies other than the U.S. dollar.

Table of Contents

The Credit Agreement contains certain affirmative and restrictive covenants, and customary events of default. The financial covenants provide for a maximum Consolidated Leverage Ratio of 3.00 to 1.00 (total funded debt/EBITDA, as defined in the Credit Agreement) and a minimum Consolidated Fixed Charge Coverage Ratio of 1.25 to 1.00 (EBITDA, as defined in the Credit Agreement minus capital expenditures/cash interest plus taxes plus principal payments of indebtedness including capital leases, notes and post-acquisition payments).

At January 1, 2017, we were in compliance with these covenants with a consolidated leverage ratio of 2.06x and a consolidated fixed charge coverage ratio of 2.63x. Our obligations under the Credit Agreement are guaranteed by certain of our subsidiaries and are secured by first priority liens on (i) the equity interests of certain of our subsidiaries, including those subsidiaries that are guarantors or borrowers under the Credit Agreement, and (ii) our accounts receivable, general intangibles and intercompany loans, and those of our subsidiaries that are guarantors or borrowers.

At the time of acquisition, Coffey had an existing secured credit facility with a bank, comprised of an overdraft facility, a term facility and a bank guaranty facility. This facility was amended in March 2016 to extend the term to April 2016, and allow for the issuance of a parent guarantee and release of certain subsidiary guarantors. The facility was amended again to provide for a secured AUD\$30 million facility, which may be used by Coffey for bank overdrafts, short-term cash advances or bank guarantees. This facility expires in April 2017, is secured by the assets of certain Australian and New Zealand subsidiaries, and is supported by a parent guarantee. At January 1, 2017, the amount outstanding under this facility consisted solely of bank guarantees of \$5.3 million.

*Inflation.* We believe our operations have not been, and, in the foreseeable future, are not expected to be, materially adversely affected by inflation or changing prices due to the average duration of our projects and our ability to negotiate prices as contracts end and new contracts begin.

*Dividends.* Our Board of Directors has authorized the following dividends in fiscal 2017:

	<b>Dividend Per Share</b>	<b>Record Date</b> <b>(in thousands, except per share data)</b>	<b>Total Maximum Payment</b>	<b>Payment Date</b>
November 7, 2016	\$ 0.09	December 1, 2016	\$ 5,144	December 14, 2016
January 30, 2017	\$ 0.09	February 17, 2017	\$ N/A	March 3, 2017

**Income Taxes**

We review the realizability of deferred tax assets on a quarterly basis by assessing the need for a valuation allowance. As of January 1, 2017, we performed our assessment of net deferred tax assets. Significant management judgment is required in determining the provision for income taxes and, in particular, any valuation allowance recorded against our deferred tax assets. Applying the applicable accounting guidance requires an assessment of all available evidence, positive and negative, regarding the realizability of the net deferred tax assets. Based upon recent results, we concluded that a cumulative loss in recent years exists in certain states and foreign jurisdictions. We have historically relied on the following factors in our assessment of the realizability of our net deferred tax assets:

- taxable income in prior carryback years as permitted under the tax law;
- future reversals of existing taxable temporary differences;
- consideration of available tax planning strategies and actions that could be implemented, if necessary; and
- estimates of future taxable income from our operations.

We considered these factors in our estimate of the timing and amount of the reversal of deferred tax assets, using assumptions that we believe are reasonable and consistent with operating results. However, as a result of cumulative pre-tax losses in certain foreign jurisdictions for the 36 months ended January 1, 2017, we concluded that our estimates of future taxable income and certain tax planning strategies did not constitute sufficient positive evidence to assert that it is more likely than not that certain deferred tax assets would be realizable before expiration. Based on our assessment, we concluded that it is not more likely than not that the assets related to loss carry-forwards in certain foreign jurisdictions will be realized for which a valuation allowance of \$23.7 million has been provided.

Table of Contents

**Off-Balance Sheet Arrangements**

In the ordinary course of business, we may use off-balance sheet arrangements if we believe that such an arrangement would be an efficient way to lower our cost of capital or help us manage the overall risks of our business operations. We do not believe that such arrangements have had a material adverse effect on our financial position or our results of operations.

The following is a summary of our off-balance sheet arrangements:

- Letters of credit and bank guarantees are used primarily to support project performance and insurance programs. We are required to reimburse the issuers of letters of credit and bank guarantees for any payments they make under the outstanding letters of credit or bank guarantees. Our Credit Agreement and additional letter of credit facilities cover the issuance of our standby letters of credit and bank guarantees and are critical for our normal operations. If we default on the Credit Agreement or additional credit facilities, our inability to issue or renew standby letters of credit and bank guarantees would impair our ability to maintain normal operations. At January 1, 2017, we had \$1 million in standby letters of credit outstanding under our Credit Agreement, \$21.3 million in standby letters of credit outstanding under our additional letter of credit facilities and \$5.3 million of bank guarantees under the existing Coffey facility.
- From time to time, we provide guarantees and indemnifications related to our services. If our services under a guaranteed or indemnified project are later determined to have resulted in a material defect or other material deficiency, then we may be responsible for monetary damages or other legal remedies. When sufficient information about claims on guaranteed or indemnified projects is available and monetary damages or other costs or losses are determined to be probable, we recognize such guaranteed losses.
- In the ordinary course of business, we enter into various agreements as part of certain unconsolidated subsidiaries, joint ventures, and other jointly executed contracts where we are jointly and severally liable. We enter into these agreements primarily to support the project execution commitments of these entities. The potential payment amount of an outstanding performance guarantee is typically the remaining cost of work to be performed by or on behalf of third parties under engineering and construction contracts. However, we are not able to estimate other amounts that may be required to be paid in excess of estimated costs to complete contracts and, accordingly, the total potential payment amount under our outstanding performance guarantees cannot be estimated. For cost-plus contracts, amounts that may become payable pursuant to guarantee provisions are normally recoverable from the client for work performed under the contract. For lump sum or fixed-price contracts, this amount is the cost to complete the contracted work less amounts remaining to be billed to the client under the contract. Remaining billable amounts could be greater or less than the cost to complete. In those cases where costs exceed the remaining amounts payable under the contract, we may have recourse to third parties, such as owners, co-venturers, subcontractors or vendors, for claims.

- In the ordinary course of business, our clients may request that we obtain surety bonds in connection with contract performance obligations that are not required to be recorded in our condensed consolidated balance sheets. We are obligated to reimburse the issuer of our surety bonds for any payments made thereunder. Each of our commitments under performance bonds generally ends concurrently with the expiration of our related contractual obligation.



Table of Contents

**Critical Accounting Policies**

Our critical accounting policies are disclosed in our Annual Report on Form 10-K for the fiscal year ended October 2, 2016. To date, there have been no material changes in our critical accounting policies as reported in our 2016 Annual Report on Form 10-K.

**New Accounting Pronouncements**

For information regarding recent accounting pronouncements, see Notes to Condensed Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report.

**Financial Market Risks**

We do not enter into derivative financial instruments for trading or speculation purposes. In the normal course of business, we have exposure to both interest rate risk and foreign currency transaction and translation risk, primarily related to the Canadian and Australian dollar.

We are exposed to interest rate risk under our Credit Agreement. We can borrow, at our option, under both the Term Loan Facility and Revolving Credit Facility. We may borrow on the Revolving Credit Facility, at our option, at either (a) a Eurocurrency rate plus a margin that ranges from 1.15% to 2.00% per annum, or (b) a base rate for loans in U.S. dollars (the highest of the U.S. federal funds rate plus 0.50% per annum, the bank's prime rate or the Eurocurrency rate plus 1.00%) plus a margin that ranges from 0.15% to 1.00% per annum. Borrowings at the base rate have no designated term and may be repaid without penalty any time prior to the Facility's maturity date. Borrowings at a Eurodollar rate have a term no less than 30 days and no greater than 90 days. Typically, at the end of such term, such borrowings may be rolled over at our discretion into either a borrowing at the base rate or a borrowing at a Eurodollar rate with similar terms, not to exceed the maturity date of the Facility. The Facility matures on May 29, 2020. At January 1, 2017, we had borrowings outstanding under the Credit Agreement of \$388 million at a weighted-average interest rate of 2.20 % per annum.

In fiscal 2013, we entered into three interest rate swap agreements with three banks to fix the variable interest rate on \$153.8 million of our Term Loan Facility. In fiscal 2014, we entered into two interest rate swap agreements with two banks to fix the variable interest rate on \$51.3 million of our Term Loan Facility. The objective of these interest rate swaps was to eliminate the variability of our cash flows on the amount of interest expense we pay under our Credit Agreement. Our average effective interest rate on borrowings outstanding under the Credit Agreement, including the effects of interest rate swap agreements, at January 1, 2017 was 2.58%. For more information, see Note 13, Derivative Financial Instruments of the Notes to Condensed Consolidated Financial Statements .

Most of our transactions are in U.S. dollars; however, some of our subsidiaries conduct business in foreign currencies, primarily the Canadian and Australian dollar. Therefore, we are subject to currency exposure and volatility because of currency fluctuations. We attempt to minimize our exposure to these fluctuations by matching revenue and expenses in the same currency for our contracts. Foreign currency gains and losses were immaterial for both first quarters of fiscal 2017 and the prior-year quarter. Foreign currency gains and losses are reported as part of Selling, general and administrative expenses in our condensed consolidated statements of income.

We have foreign currency exchange rate exposure in our results of operations and equity primarily as a result of the currency translation related to our foreign subsidiaries where the local currency is the functional currency. To the extent the U.S. dollar strengthens against foreign currencies, the translation of these foreign currency denominated transactions will result in reduced revenue, operating expenses, assets and liabilities. Similarly, our revenue, operating expenses, assets and liabilities will increase if the U.S. dollar weakens against foreign currencies. For the first quarter of 2017 and 2016, 25.8% and 24.2% of our consolidated revenue, respectively, was generated by our international business. For the first quarter of fiscal 2017, the effect of foreign exchange rate translation on the condensed consolidated balance sheets was a reduction to equity of \$16.0 million compared to \$16.5 million in the first quarter of fiscal 2016. These amounts were recognized as an adjustment to equity through other comprehensive income.

Table of Contents

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

Please refer to the information we have included under the heading "Financial Market Risks" in Item 2. "Management's Discussion and Analysis of Financial Condition and Results of Operations", which is incorporated herein by reference.

**Item 4. Controls and Procedures**

**Evaluation of disclosure controls and procedures and changes in internal control over financial reporting.** As of January 1, 2017, we carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures. Based on our management's evaluation (with the participation of our principal executive officer and principal financial officer), our principal executive officer and principal financial officer have concluded that, as of the end of the period covered by this report, our disclosure controls and procedures (as defined in Rule 13a-15(e) and 15d-15(e) under the Exchange Act), were effective.

**Changes in internal control over financial reporting.** As previously reported, we acquired Coffey and INDUS on January 18, 2016 and March 11, 2016, respectively. In our Annual Report on Form 10-K for the year ended October 2, 2016, we excluded Coffey and INDUS from our assessment of internal control over financial reporting. We are in the process of documenting and testing Coffey's and INDUS's internal control over financial reporting, and will incorporate Coffey and INDUS into our assessment of internal control over financial reporting as of October 1, 2017. We have extended our oversight and monitoring processes that support internal control over financial reporting to include Coffey's and INDUS's operations. There were no other changes in our internal control over financial reporting that occurred during the quarter ended January 1, 2017 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

**PART II. OTHER INFORMATION**

**Item 1. Legal Proceedings**

We are subject to certain claims and lawsuits typically filed against the engineering, consulting and construction profession, alleging primarily professional errors or omissions. We carry professional liability insurance, subject to certain deductibles and policy limits, against such claims. However, in some actions, parties are seeking damages that exceed our insurance coverage or for which we are not insured. While management does not believe that the resolution of these claims will have a material adverse effect, individually or in aggregate, on our financial position, results of operations or cash flows, management acknowledges the uncertainty surrounding the ultimate resolution of these matters.



Table of Contents

**Item 1A. Risk Factors**

*We operate in a changing environment that involves numerous known and unknown risks and uncertainties that could materially adversely affect our operations. Set forth below and elsewhere in this report and in other documents we file with the SEC are descriptions of the risks and uncertainties that could cause our actual results to differ materially from the results contemplated by the forward-looking statements contained in this report. Additional risks we do not yet know of or that we currently think are immaterial may also affect our business operations. If any of the events or circumstances described in the following risks actually occurs, our business, financial condition or results of operations could be materially adversely affected.*

**Continuing worldwide political and economic uncertainties may adversely affect our revenue and profitability.**

The last several years have been periodically marked by political and economic concerns, including decreased consumer confidence, the lingering effects of international conflicts, energy costs and inflation. Although certain indices and economic data have shown signs of stabilization in the United States and certain global markets, there can be no assurance that these improvements will be broad-based or sustainable. This instability can make it extremely difficult for our clients, our vendors and us to accurately forecast and plan future business activities, and could cause constrained spending on our services, delays and a lengthening of our business development efforts, the demand for more favorable pricing or other terms, and/or difficulty in collection of our accounts receivable. Our government clients may face budget deficits that prohibit them from funding proposed and existing projects. Further, ongoing economic instability in the global markets could limit our ability to access the capital markets at a time when we would like, or need, to raise capital, which could have an impact on our ability to react to changing business conditions or new opportunities. If economic conditions remain uncertain or weaken, or government spending is reduced, our revenue and profitability could be adversely affected.

**The new U.S. Administration may make changes to fiscal and tax policies that may adversely affect our business.**

The new U.S. Administration has called for changes to fiscal and tax policies, which may include comprehensive tax reform. We cannot predict the impact, if any, of these changes to our business. However, it is possible that these changes could adversely affect our business. It is likely that some policies adopted by the new administration will benefit us and others will negatively affect us. Until we know what changes are enacted, we will not know whether in total we benefit from, or are negatively affected by, the changes.

**Demand for our services is cyclical and vulnerable to economic downturns. If economic growth slows, government fiscal conditions worsen, or client spending declines further, then our revenue, profits and financial condition may deteriorate.**

Demand for our services is cyclical, and vulnerable to economic downturns and reductions in government and private industry spending. Such downturns or reductions may result in clients delaying, curtailing or canceling proposed and existing projects. Our business traditionally lags the overall recovery in the economy; therefore, our business may not recover immediately when the economy improves. If economic growth slows, government fiscal conditions worsen, or client spending declines, then our revenue, profits and overall financial condition may deteriorate. Our government clients may face budget deficits that prohibit them from funding new or existing projects. In addition, our existing and potential clients may either postpone entering into new contracts or request price concessions. Difficult financing and economic conditions may cause some of our clients to demand better pricing terms or delay payments for services we perform, thereby increasing the average number of days

our receivables are outstanding, and the potential of increased credit losses of uncollectible invoices. Further, these conditions may result in the inability of some of our clients to pay us for services that we have already performed. If we are not able to reduce our costs quickly enough to respond to the revenue decline from these clients, our operating results may be adversely affected. Accordingly, these factors affect our ability to forecast our future revenue and earnings from business areas that may be adversely impacted by market conditions.

**Demand for our oil and gas, and mining services fluctuates and a decline in demand could adversely affect our revenue, profits and financial condition.**

Demand for our oil and gas services fluctuates, and we depend on our customers' willingness to make future expenditures to explore for, develop, produce and transport oil and natural gas in the United States and Canada. Our customers' willingness to undertake these activities depends largely upon prevailing industry conditions that are influenced by numerous factors over which we have no control, including:

- prices, and expectations about future prices, of oil and natural gas;
- domestic and foreign supply of and demand for oil and natural gas;
- the cost of exploring for, developing, producing and delivering oil and natural gas;

Table of Contents

- transportation capacity, including but not limited to train transportation capacity and its future regulation;
- available pipeline, storage and other transportation capacity;
- availability of qualified personnel and lead times associated with acquiring equipment and products;
- federal, state, provincial and local regulation of oilfield activities;
- environmental concerns regarding the methods our customers use to produce hydrocarbons;
- the availability of water resources and the cost of disposal and recycling services; and
- seasonal limitations on access to work locations.

Anticipated future prices for natural gas and crude oil are a primary factor affecting spending by our customers. Lower prices or volatility in prices for oil and natural gas typically decrease spending, which can cause rapid and material declines in demand for our services and in the prices we are able to charge for our services. Worldwide political, economic, military and terrorist events, as well as natural disasters and other factors beyond our control, contribute to oil and natural gas price levels and volatility and are likely to continue to do so in the future.

Further, the businesses of our global mining clients are, to varying degrees, cyclical and have experienced declines over the last three years due to lower global growth expectations and the associated decline in market prices. For example, depending on the market prices of uranium, precious metals, aluminum, copper, iron ore, and potash, our mining company clients may cancel or curtail their mining projects, which could result in a corresponding decline in the demand for our services among these clients. Accordingly, the cyclical nature of the mining industry could adversely affect our business, operating results or financial condition.

**Our international operations expose us to legal, political, and economic risks in different countries as well as currency exchange rate fluctuations that could harm our business and financial results.**

In the first quarter of fiscal 2017, we generated 25.8% of our revenue from our international operations, primarily in Canada and Australia, and from international clients for work that is performed by our domestic operations. International business is subject to a variety of risks, including:

- imposition of governmental controls and changes in laws, regulations, or policies;
- lack of developed legal systems to enforce contractual rights;
- greater risk of uncollectible accounts and longer collection cycles;
- currency exchange rate fluctuations, devaluations, and other conversion restrictions;
- uncertain and changing tax rules, regulations, and rates;
- the potential for civil unrest, acts of terrorism, force majeure, war or other armed conflict, and greater physical security risks, which may cause us to leave a country quickly;
- logistical and communication challenges;
- changes in regulatory practices, including tariffs and taxes;
- changes in labor conditions;
- general economic, political, and financial conditions in foreign markets; and
- exposure to civil or criminal liability under the U.S. Foreign Corrupt Practices Act (FCPA), the U.K. Bribery Act, the Canadian Corruption of Foreign Public Officials Act, the Brazilian Clean Companies Act, the anti-boycott rules, trade and export control regulations, as well as other international regulations.

For example, an ongoing government investigation into political corruption in Quebec contributed to the slow-down in procurements and business activity in that province, which adversely affected our business. The Province of Quebec has adopted legislation that requires businesses and individuals seeking contracts with governmental bodies be certified by a Quebec regulatory authority for contracts over a specified size. Our failure to maintain certification could adversely affect our business.





Table of Contents

International risks and violations of international regulations may significantly reduce our revenue and profits, and subject us to criminal or civil enforcement actions, including fines, suspensions, or disqualification from future U.S. federal procurement contracting. Although we have policies and procedures to monitor legal and regulatory compliance, our employees, subcontractors, and agents could take actions that violate these requirements. As a result, our international risk exposure may be more or less than the percentage of revenue attributed to our international operations.

**We derive a substantial amount of our revenue from U.S. federal, state and local government agencies, and any disruption in government funding or in our relationship with those agencies could adversely affect our business.**

In the first quarter of 2017, we generated 45.8% of our revenue from contracts with U.S. federal, and state and local government agencies. A significant amount of this revenue is derived under multi-year contracts, many of which are appropriated on an annual basis. As a result, at the beginning of a project, the related contract may be only partially funded, and additional funding is normally committed only as appropriations are made in each subsequent year. These appropriations, and the timing of payment of appropriated amounts, may be influenced by numerous factors as noted below. Our backlog includes only the projects that have funding appropriated.

The demand for our U.S. government-related services is generally driven by the level of government program funding. Accordingly, the success and further development of our business depends, in large part, upon the continued funding of these U.S. government programs, and upon our ability to obtain contracts and perform well under these programs. Under the Budget Control Act of 2011, an automatic sequestration process, or across-the-board budget cuts (a large portion of which was defense-related), was triggered when the Joint Select Committee on Deficit Reduction, a committee of twelve members of Congress, failed to agree on a deficit reduction plan for the U.S. federal budget. The sequestration began on March 1, 2013. Although the Bipartisan Budget Act of 2013 provided some sequester relief through the end of fiscal year 2015, the sequestration requires reduced U.S. federal government spending through fiscal year 2021. A significant reduction in federal government spending or a change in budgetary priorities could reduce demand for our services, cancel or delay federal projects, and result in the closure of federal facilities and significant personnel reductions.

There are several additional factors that could materially affect our U.S. government contracting business, which could cause U.S. government agencies to delay or cancel programs, to reduce their orders under existing contracts, to exercise their rights to terminate contracts or not to exercise contract options for renewals or extensions. Such factors, which include the following, could have a material adverse effect on our revenue or the timing of contract payments from U.S. government agencies:

- the failure of the U.S. government to complete its budget and appropriations process before its fiscal year-end, which would result in the funding of government operations by means of a continuing resolution that authorizes agencies to continue to operate but does not authorize new spending initiatives. As a result, U.S. government agencies may delay the procurement of services;
- changes in and delays or cancellations of government programs, requirements or appropriations;

- budget constraints or policy changes resulting in delay or curtailment of expenditures related to the services we provide;
- re-competes of government contracts;
- the timing and amount of tax revenue received by federal, and state and local governments, and the overall level of government expenditures;
- curtailment in the use of government contracting firms;
- delays associated with insufficient numbers of government staff to oversee contracts;
- the increasing preference by government agencies for contracting with small and disadvantaged businesses;

Table of Contents

- competing political priorities and changes in the political climate with regard to the funding or operation of the services we provide;
- the adoption of new laws or regulations affecting our contracting relationships with the federal, state or local governments;
- unsatisfactory performance on government contracts by us or one of our subcontractors, negative government audits or other events that may impair our relationship with federal, state or local governments;
- a dispute with or improper activity by any of our subcontractors; and
- general economic or political conditions.

**Our inability to win or renew U.S. government contracts during regulated procurement processes could harm our operations and significantly reduce or eliminate our profits.**

U.S. government contracts are awarded through a regulated procurement process. The U.S. federal government has increasingly relied upon multi-year contracts with pre-established terms and conditions, such as indefinite delivery/indefinite quantity ( IDIQ ) contracts, which generally require those contractors who have previously been awarded the IDIQ to engage in an additional competitive bidding process before a task order is issued. As a result, new work awards tend to be smaller and of shorter duration, since the orders represent individual tasks rather than large, programmatic assignments. In addition, we believe that there has been an increase in the award of federal contracts based on a low-price, technically acceptable criteria emphasizing price over qualitative factors, such as past performance. As a result, pricing pressure may reduce our profit margins on future federal contracts. The increased competition and pricing pressure, in turn, may require us to make sustained efforts to reduce costs in order to realize revenue, and profits under government contracts. If we are not successful in reducing the amount of costs we incur, our profitability on government contracts will be negatively impacted. In addition, the U.S. federal government has scaled back outsourcing of services in favor of insourcing jobs to its employees, which could reduce our revenue. Moreover, even if we are qualified to work on a government contract, we may not be awarded the contract because of existing government policies designed to protect small businesses and under-represented minority contractors. Our inability to win or renew government contracts during regulated procurement processes could harm our operations and significantly reduce or eliminate our profits.

**Each year, client funding for some of our U.S. government contracts may rely on government appropriations or public-supported financing. If adequate public funding is delayed or is not available, then our profits and revenue could decline.**

Each year, client funding for some of our U.S. government contracts may directly or indirectly rely on government appropriations or public-supported financing. Legislatures may appropriate funds for a given project on a year-by-year basis, even though the project may take

## Edgar Filing: TETRA TECH INC - Form 10-Q

more than one year to perform. In addition, public-supported financing such as U.S. state and local municipal bonds may be only partially raised to support existing projects. Similarly, the impact of the economic downturn on U.S. state and local governments may make it more difficult for them to fund projects. In addition to the state of the economy and competing political priorities, public funds and the timing of payment of these funds may be influenced by, among other things, curtailments in the use of government contracting firms, increases in raw material costs, delays associated with insufficient numbers of government staff to oversee contracts, budget constraints, the timing and amount of tax receipts, and the overall level of government expenditures. If adequate public funding is not available or is delayed, then our profits and revenue could decline.

**Our U.S. federal government contracts may give government agencies the right to modify, delay, curtail, renegotiate, or terminate existing contracts at their convenience at any time prior to their completion, which may result in a decline in our profits and revenue.**

U.S. federal government projects in which we participate as a contractor or subcontractor may extend for several years. Generally, government contracts include the right to modify, delay, curtail, renegotiate, or terminate contracts and subcontracts at the government's convenience any time prior to their completion. Any decision by a U.S. federal government client to modify, delay, curtail, renegotiate, or terminate our contracts at their convenience may result in a decline in our profits and revenue.

Table of Contents

**As a U.S. government contractor, we must comply with various procurement laws and regulations and are subject to regular government audits; a violation of any of these laws and regulations or the failure to pass a government audit could result in sanctions, contract termination, forfeiture of profit, harm to our reputation or loss of our status as an eligible government contractor and could reduce our profits and revenue.**

We must comply with and are affected by U.S. federal, state, local, and foreign laws and regulations relating to the formation, administration and performance of government contracts. For example, we must comply with Federal Acquisition of Regulation ( FAR ), the Truth in Negotiations Act, Cost Accounting Standards ( CAS ), the American Recovery and Reinvestment Act of 2009, the Services Contract Act, and the U.S. Department of Defense security regulations, as well as many other rules and regulations. In addition, we must also comply with other government regulations related to employment practices, environmental protection, health and safety, tax, accounting, and anti-fraud measures, as well as many other regulations in order to maintain our government contractor status. These laws and regulations affect how we do business with our clients and, in some instances, impose additional costs on our business operations. Although we take precautions to prevent and deter fraud, misconduct, and non-compliance, we face the risk that our employees or outside partners may engage in misconduct, fraud, or other improper activities. U.S. government agencies, such as the Defense Contract Audit Agency ( DCAA ), routinely audit and investigate government contractors. These government agencies review and audit a government contractor's performance under its contracts and cost structure, and evaluate compliance with applicable laws, regulations, and standards. In addition, during the course of its audits, the DCAA may question our incurred project costs. If the DCAA believes we have accounted for such costs in a manner inconsistent with the requirements for FAR or CAS, the DCAA auditor may recommend to our U.S. government corporate administrative contracting officer that such costs be disallowed. Historically, we have not experienced significant disallowed costs as a result of government audits. However, we can provide no assurance that the DCAA or other government audits will not result in material disallowances for incurred costs in the future. In addition, U.S. government contracts are subject to various other requirements relating to the formation, administration, performance, and accounting for these contracts. We may also be subject to *qui tam* litigation brought by private individuals on behalf of the U.S. government under the Federal Civil False Claims Act, which could include claims for treble damages. U.S. government contract violations could result in the imposition of civil and criminal penalties or sanctions, contract termination, forfeiture of profit, and/or suspension of payment, any of which could make us lose our status as an eligible government contractor. We could also suffer serious harm to our reputation. Any interruption or termination of our U.S. government contractor status could reduce our profits and revenue significantly.

**If we extend a significant portion of our credit to clients in a specific geographic area or industry, we may experience disproportionately high levels of collection risk and nonpayment if those clients are adversely affected by factors particular to their geographic area or industry.**

Our clients include public and private entities that have been, and may continue to be, negatively impacted by the changing landscape in the global economy. While outside of the U.S. federal government no one client accounted for over 10% of our revenue for the first quarter of fiscal 2017, we face collection risk as a normal part of our business where we perform services and subsequently bill our clients for such services. In the event that we have concentrated credit risk from clients in a specific geographic area or industry, continuing negative trends or a worsening in the financial condition of that specific geographic area or industry could make us susceptible to disproportionately high levels of default by those clients. Such defaults could materially adversely impact our revenues and our results of operations.

**We have made and expect to continue to make acquisitions that could disrupt our operations and adversely impact our business and operating results. Our failure to conduct due diligence effectively, or our inability to successfully integrate acquisitions, could impede us from realizing all of the benefits of the acquisitions, which could weaken our results of operations.**

A key part of our growth strategy is to acquire other companies that complement our lines of business or that broaden our technical capabilities and geographic presence. We expect to continue to acquire companies as an element of our growth strategy; however, our ability to make

## Edgar Filing: TETRA TECH INC - Form 10-Q

acquisitions is restricted under our credit agreement. Acquisitions involve certain known and unknown risks that could cause our actual growth or operating results to differ from our expectations or the expectations of securities analysts. For example:

- we may not be able to identify suitable acquisition candidates or to acquire additional companies on acceptable terms;

Table of Contents

- we are pursuing international acquisitions, which inherently pose more risk than domestic acquisitions;
- we compete with others to acquire companies, which may result in decreased availability of, or increased price for, suitable acquisition candidates;
- we may not be able to obtain the necessary financing, on favorable terms or at all, to finance any of our potential acquisitions;
- we may ultimately fail to consummate an acquisition even if we announce that we plan to acquire a company; and
- acquired companies may not perform as we expect, and we may fail to realize anticipated revenue and profits.

In addition, our acquisition strategy may divert management's attention away from our existing businesses, resulting in the loss of key clients or key employees, and expose us to unanticipated problems or legal liabilities, including responsibility as a successor-in-interest for undisclosed or contingent liabilities of acquired businesses or assets.

If we fail to conduct due diligence on our potential targets effectively, we may, for example, not identify problems at target companies, or fail to recognize incompatibilities or other obstacles to successful integration. Our inability to successfully integrate future acquisitions could impede us from realizing all of the benefits of those acquisitions and could severely weaken our business operations. The integration process may disrupt our business and, if implemented ineffectively, may preclude realization of the full benefits expected by us and could harm our results of operations. In addition, the overall integration of the combining companies may result in unanticipated problems, expenses, liabilities, and competitive responses, and may cause our stock price to decline. The difficulties of integrating an acquisition include, among others:

- issues in integrating information, communications, and other systems;
- incompatibility of logistics, marketing, and administration methods;
- maintaining employee morale and retaining key employees;
- integrating the business cultures of both companies;



- preserving important strategic client relationships;
- consolidating corporate and administrative infrastructures, and eliminating duplicative operations; and
- coordinating and integrating geographically separate organizations.

In addition, even if the operations of an acquisition are integrated successfully, we may not realize the full benefits of the acquisition, including the synergies, cost savings or growth opportunities that we expect. These benefits may not be achieved within the anticipated time frame, or at all.

Further, acquisitions may cause us to:

- issue common stock that would dilute our current stockholders' ownership percentage;
- use a substantial portion of our cash resources;
- increase our interest expense, leverage, and debt service requirements (if we incur additional debt to pay for an acquisition);
- assume liabilities, including environmental liabilities, for which we do not have indemnification from the former owners. Further, indemnification obligations may be subject to dispute or concerns regarding the creditworthiness of the former owners;
- record goodwill and non-amortizable intangible assets that are subject to impairment testing and potential impairment charges;
- experience volatility in earnings due to changes in contingent consideration related to acquisition earn-out liability estimates;



Table of Contents

- incur amortization expenses related to certain intangible assets;
- lose existing or potential contracts as a result of conflict of interest issues;
- incur large and immediate write-offs; or
- become subject to litigation.

Finally, acquired companies that derive a significant portion of their revenue from the U.S. federal government and do not follow the same cost accounting policies and billing practices that we follow may be subject to larger cost disallowances for greater periods than we typically encounter. If we fail to determine the existence of unallowable costs and do not establish appropriate reserves in advance of an acquisition, we may be exposed to material unanticipated liabilities, which could have a material adverse effect on our business.

**If our goodwill or other intangible assets become impaired, then our profits may be significantly reduced.**

Because we have historically acquired a significant number of companies, goodwill and other intangible assets represent a substantial portion of our assets. As of January 1, 2017, our goodwill was \$709.7 million and other intangible assets were \$42.2 million. We are required to perform a goodwill impairment test for potential impairment at least on an annual basis. We also assess the recoverability of the unamortized balance of our intangible assets when indications of impairment are present based on expected future profitability and undiscounted expected cash flows and their contribution to our overall operations. The goodwill impairment test requires us to determine the fair value of our reporting units, which are the components one level below our reportable segments. In determining fair value, we make significant judgments and estimates, including assumptions about our strategic plans with regard to our operations. We also analyze current economic indicators and market valuations to help determine fair value. To the extent economic conditions that would impact the future operations of our reporting units change, our goodwill may be deemed to be impaired, and we would be required to record a non-cash charge that could result in a material adverse effect on our financial position or results of operations.

For example, we wrote-off all of our Global Mining Practice s goodwill and identifiable intangible assets and recorded a related impairment charge of \$60.8 million (\$57.3 million after-tax) in the fourth quarter of fiscal 2015. We had no goodwill impairment in the first quarter of fiscal 2017 or in fiscal 2016.

**We could be adversely affected by violations of the FCPA and similar worldwide anti-bribery laws.**

The FCPA and similar anti-bribery laws generally prohibit companies and their intermediaries from making improper payments to foreign government officials for the purpose of obtaining or retaining business. The U.K. Bribery Act of 2010 prohibits both domestic and international bribery, as well as bribery across both private and public sectors. In addition, an organization that fails to prevent bribery by anyone associated with the organization can be charged under the U.K. Bribery Act unless the organization can establish the defense of having implemented adequate procedures to prevent bribery. Improper payments are also prohibited under the Canadian Corruption of Foreign Public Officials Act and the Brazilian Clean Companies Act. Practices in the local business community of many countries outside the United States have a level of government corruption that is greater than that found in the developed world. Our policies mandate compliance with these anti-bribery laws, and we have established policies and procedures designed to monitor compliance with these anti-bribery law requirements; however, we cannot ensure that our policies and procedures will protect us from potential reckless or criminal acts committed by individual employees or agents. If we are found to be liable for anti-bribery law violations, we could suffer from criminal or civil penalties or other sanctions that could have a material adverse effect on our business.

**We could be adversely impacted if we fail to comply with domestic and international export laws.**

To the extent we export technical services, data and products outside of the United States, we are subject to U.S. and international laws and regulations governing international trade and exports, including but not limited to the International Traffic in Arms Regulations, the Export Administration Regulations, and trade sanctions against embargoed countries. A failure to comply with these laws and regulations could result in civil or criminal sanctions, including the imposition of fines, the denial of export privileges, and suspension or debarment from participation in U.S. government contracts, which could have a material adverse effect on our business.

Table of Contents

**If we fail to complete a project in a timely manner, miss a required performance standard, or otherwise fail to adequately perform on a project, then we may incur a loss on that project, which may reduce or eliminate our overall profitability.**

Our engagements often involve large-scale, complex projects. The quality of our performance on such projects depends in large part upon our ability to manage the relationship with our clients and our ability to effectively manage the project and deploy appropriate resources, including third-party contractors and our own personnel, in a timely manner. We may commit to a client that we will complete a project by a scheduled date. We may also commit that a project, when completed, will achieve specified performance standards. If the project is not completed by the scheduled date or fails to meet required performance standards, we may either incur significant additional costs or be held responsible for the costs incurred by the client to rectify damages due to late completion or failure to achieve the required performance standards. The uncertainty of the timing of a project can present difficulties in planning the amount of personnel needed for the project. If the project is delayed or canceled, we may bear the cost of an underutilized workforce that was dedicated to fulfilling the project. In addition, performance of projects can be affected by a number of factors beyond our control, including unavoidable delays from government inaction, public opposition, inability to obtain financing, weather conditions, unavailability of vendor materials, changes in the project scope of services requested by our clients, industrial accidents, environmental hazards, and labor disruptions. To the extent these events occur, the total costs of the project could exceed our estimates, and we could experience reduced profits or, in some cases, incur a loss on a project, which may reduce or eliminate our overall profitability. Further, any defects or errors, or failures to meet our clients' expectations, could result in claims for damages against us. Failure to meet performance standards or complete performance on a timely basis could also adversely affect our reputation.

**The loss of key personnel or our inability to attract and retain qualified personnel could impair our ability to provide services to our clients and otherwise conduct our business effectively.**

As primarily a professional and technical services company, we are labor-intensive and, therefore, our ability to attract, retain, and expand our senior management and our professional and technical staff is an important factor in determining our future success. The market for qualified scientists and engineers is competitive and, from time to time, it may be difficult to attract and retain qualified individuals with the required expertise within the timeframe demanded by our clients. For example, some of our U.S. government contracts may require us to employ only individuals who have particular government security clearance levels. In addition, we rely heavily upon the expertise and leadership of our senior management. If we are unable to retain executives and other key personnel, the roles and responsibilities of those employees will need to be filled, which may require that we devote time and resources to identify, hire, and integrate new employees. With limited exceptions, we do not have employment agreements with any of our key personnel. The loss of the services of any of these key personnel could adversely affect our business. Although we have obtained non-compete agreements from certain principals and stockholders of companies we have acquired, we generally do not have non-compete or employment agreements with key employees who were once equity holders of these companies. Further, many of our non-compete agreements have expired. We do not maintain key-man life insurance policies on any of our executive officers or senior managers. Our failure to attract and retain key individuals could impair our ability to provide services to our clients and conduct our business effectively.

**Our revenue and growth prospects may be harmed if we or our employees are unable to obtain government granted eligibility or other qualifications we and they need to perform services for our customers.**

A number of government programs require contractors to have certain kinds of government granted eligibility, such as security clearance credentials. Depending on the project, eligibility can be difficult and time-consuming to obtain. If we or our employees are unable to obtain or retain the necessary eligibility, we may not be able to win new business, and our existing customers could terminate their contracts with us or decide not to renew them. To the extent we cannot obtain or maintain the required security clearances for our employees working on a particular contract, we may not derive the revenue or profit anticipated from such contract.

**Our actual business and financial results could differ from the estimates and assumptions that we use to prepare our financial statements, which may significantly reduce or eliminate our profits.**

To prepare financial statements in conformity with United States GAAP, management is required to make estimates and assumptions as of the date of the financial statements. These estimates and assumptions affect the reported values of assets, liabilities, revenue and expenses, as well as disclosures of contingent assets and liabilities. For example, we typically recognize revenue over the life of a contract based on the proportion of costs incurred to date compared to the total costs estimated to be incurred for the entire project. Areas requiring significant estimates by our management include:

Table of Contents

- the application of the percentage-of-completion method of accounting and revenue recognition on contracts, change orders, and contract claims, including related unbilled accounts receivable;
- unbilled accounts receivable, including amounts related to requests for equitable adjustment to contracts that provide for price redetermination, primarily with the U.S. federal government. These amounts are recorded only when they can be reliably estimated and realization is probable;
- provisions for uncollectible receivables, client claims, and recoveries of costs from subcontractors, vendors, and others;
- provisions for income taxes, research and development tax credits, valuation allowances, and unrecognized tax benefits;
- value of goodwill and recoverability of other intangible assets;
- valuations of assets acquired and liabilities assumed in connection with business combinations;
- valuation of contingent earn-out liabilities recorded in connection with business combinations;
- valuation of employee benefit plans;
- valuation of stock-based compensation expense; and
- accruals for estimated liabilities, including litigation and insurance reserves.

Our actual business and financial results could differ from those estimates, which may significantly reduce or eliminate our profits.

**Our profitability could suffer if we are not able to maintain adequate utilization of our workforce.**

The cost of providing our services, including the extent to which we utilize our workforce, affects our profitability. The rate at which we utilize our workforce is affected by a number of factors, including:

- our ability to transition employees from completed projects to new assignments and to hire and assimilate new employees;
- our ability to forecast demand for our services and thereby maintain an appropriate headcount in each of our geographies and workforces;
- our ability to manage attrition;
- our need to devote time and resources to training, business development, professional development, and other non-chargeable activities; and
- our ability to match the skill sets of our employees to the needs of the marketplace.

If we over-utilize our workforce, our employees may become disengaged, which could impact employee attrition. If we under-utilize our workforce, our profit margin and profitability could suffer.

**Our use of the percentage-of-completion method of revenue recognition could result in a reduction or reversal of previously recorded revenue and profits.**

We account for most of our contracts on the percentage-of-completion method of revenue recognition. Generally, our use of this method results in recognition of revenue and profit ratably over the life of the contract, based on the proportion of costs incurred to date to total costs expected to be incurred for the entire project. The effects of revisions to estimated revenue and costs, including the achievement of award fees and the impact of change orders and claims, are recorded when the amounts are known and can be reasonably estimated. Such revisions could occur in any period and their effects could be material. Although we have historically made reasonably reliable estimates of the progress towards completion of long-term contracts, the uncertainties inherent in the estimating process make it possible for actual costs to vary materially from estimates, including reductions or reversals of previously recorded revenue and profit.



Table of Contents

**If we are unable to accurately estimate and control our contract costs, then we may incur losses on our contracts, which could decrease our operating margins and reduce our profits. In particular, our fixed-price contracts could increase the unpredictability of our earnings.**

It is important for us to accurately estimate and control our contract costs so that we can maintain positive operating margins and profitability. We generally enter into three principal types of contracts with our clients: fixed-price, time-and-materials and cost-plus.

The U.S. federal government and some clients have increased the use of fixed-priced contracts. Under fixed-price contracts, we receive a fixed price irrespective of the actual costs we incur and, consequently, we are exposed to a number of risks. We realize a profit on fixed-price contracts only if we can control our costs and prevent cost over-runs on our contracts. Fixed-price contracts require cost and scheduling estimates that are based on a number of assumptions, including those about future economic conditions, costs, and availability of labor, equipment and materials, and other exigencies. We could experience cost over-runs if these estimates are originally inaccurate as a result of errors or ambiguities in the contract specifications, or become inaccurate as a result of a change in circumstances following the submission of the estimate due to, among other things, unanticipated technical problems, difficulties in obtaining permits or approvals, changes in local laws or labor conditions, weather delays, changes in the costs of raw materials, or the inability of our vendors or subcontractors to perform. If cost overruns occur, we could experience reduced profits or, in some cases, a loss for that project. If a project is significant, or if there are one or more common issues that impact multiple projects, costs overruns could increase the unpredictability of our earnings, as well as have a material adverse impact on our business and earnings.

Under our time-and-materials contracts, we are paid for labor at negotiated hourly billing rates and also paid for other expenses. Profitability on these contracts is driven by billable headcount and cost control. Many of our time-and-materials contracts are subject to maximum contract values and, accordingly, revenue relating to these contracts is recognized as if these contracts were fixed-price contracts. Under our cost-plus contracts, some of which are subject to contract ceiling amounts, we are reimbursed for allowable costs and fees, which may be fixed or performance-based. If our costs exceed the contract ceiling or are not allowable under the provisions of the contract or any applicable regulations, we may not be able to obtain reimbursement for all of the costs we incur.

Profitability on our contracts is driven by billable headcount and our ability to manage our subcontractors, vendors, and material suppliers. If we are unable to accurately estimate and manage our costs, we may incur losses on our contracts, which could decrease our operating margins and significantly reduce or eliminate our profits. Certain of our contracts require us to satisfy specific design, engineering, procurement, or construction milestones in order to receive payment for the work completed or equipment or supplies procured prior to achievement of the applicable milestone. As a result, under these types of arrangements, we may incur significant costs or perform significant amounts of services prior to receipt of payment. If a client determines not to proceed with the completion of the project or if the client defaults on its payment obligations, we may face difficulties in collecting payment of amounts due to us for the costs previously incurred or for the amounts previously expended to purchase equipment or supplies.

Accounting for a contract requires judgments relative to assessing the contract's estimated risks, revenue, costs, and other technical issues. Due to the size and nature of many of our contracts, the estimation of overall risk, revenue, and cost at completion is complicated and subject to many variables. Changes in underlying assumptions, circumstances, or estimates may also adversely affect future period financial performance. If we are unable to accurately estimate the overall revenue or costs on a contract, then we may experience a lower profit or incur a loss on the contract.

**Our failure to adequately recover on claims brought by us against clients for additional contract costs could have a negative impact on our liquidity and profitability.**

We have brought claims against clients for additional costs exceeding the contract price or for amounts not included in the original contract price. These types of claims occur due to matters such as client-caused delays or changes from the initial project scope, both of which may result in additional cost. Often, these claims can be the subject of lengthy arbitration or litigation proceedings, and it is difficult to accurately predict when these claims will be fully resolved. When these types of events occur and unresolved claims are pending, we have used working capital in projects to cover cost overruns pending the resolution of the relevant claims. A failure to promptly recover on these types of claims could have a negative impact on our liquidity and profitability. Total accounts receivable at January 1, 2017 included approximately \$44 million related to such claims.

Table of Contents

**Our failure to win new contracts and renew existing contracts with private and public sector clients could adversely affect our profitability.**

Our business depends on our ability to win new contracts and renew existing contracts with private and public sector clients. Contract proposals and negotiations are complex and frequently involve a lengthy bidding and selection process, which is affected by a number of factors. These factors include market conditions, financing arrangements, and required governmental approvals. For example, a client may require us to provide a bond or letter of credit to protect the client should we fail to perform under the terms of the contract. If negative market conditions arise, or if we fail to secure adequate financial arrangements or the required government approval, we may not be able to pursue particular projects, which could adversely affect our profitability.

**If we are not able to successfully manage our growth strategy, our business and results of operations may be adversely affected.**

Our expected future growth presents numerous managerial, administrative, operational, and other challenges. Our ability to manage the growth of our operations will require us to continue to improve our management information systems and our other internal systems and controls. In addition, our growth will increase our need to attract, develop, motivate, and retain both our management and professional employees. The inability to effectively manage our growth or the inability of our employees to achieve anticipated performance could have a material adverse effect on our business.

**Our backlog is subject to cancellation, unexpected adjustments and economic conditions, and is an uncertain indicator of future operating results.**

Our backlog at January 1, 2017 was \$2.5 billion, an increase of \$90.6 million, or 3.8%, compared to the end of fiscal 2016. We include in backlog only those contracts for which funding has been provided and work authorizations have been received. We cannot guarantee that the revenue projected in our backlog will be realized or, if realized, will result in profits. In addition, project cancellations or scope adjustments may occur, from time to time, with respect to contracts reflected in our backlog. For example, certain of our contracts with the U.S. federal government and other clients are terminable at the discretion of the client, with or without cause. These types of backlog reductions could adversely affect our revenue and margins. As a result of these factors, our backlog as of any particular date is an uncertain indicator of our future earnings.

**Cyber security breaches of our systems and information technology could adversely impact our ability to operate.**

We develop, install and maintain information technology systems for ourselves, as well as for customers. Client contracts for the performance of information technology services, as well as various privacy and securities laws, require us to manage and protect sensitive and confidential information, including federal and other government information, from disclosure. We also need to protect our own internal trade secrets and other business confidential information from disclosure. We face the threat to our computer systems of unauthorized access, computer hackers, computer viruses, malicious code, organized cyber-attacks and other security problems and system disruptions, including possible unauthorized access to our and our clients' proprietary or classified information. We rely on industry-accepted security measures and technology to securely maintain all confidential and proprietary information on our information systems. We have devoted and will continue to devote significant resources to the security of our computer systems, but they may still be vulnerable to these threats. A user who circumvents security measures

could misappropriate confidential or proprietary information, including information regarding us, our personnel and/or our clients, or cause interruptions or malfunctions in operations. As a result, we may be required to expend significant resources to protect against the threat of these system disruptions and security breaches or to alleviate problems caused by these disruptions and breaches. Any of these events could damage our reputation and have a material adverse effect on our business, financial condition, results of operations and cash flows.

Table of Contents

**If our business partners fail to perform their contractual obligations on a project, we could be exposed to legal liability, loss of reputation and profit reduction or loss on the project.**

We routinely enter into subcontracts and, occasionally, joint ventures, teaming arrangements, and other contractual arrangements so that we can jointly bid and perform on a particular project. Success under these arrangements depends in large part on whether our business partners fulfill their contractual obligations satisfactorily. In addition, when we operate through a joint venture in which we are a minority holder, we have limited control over many project decisions, including decisions related to the joint venture's internal controls, which may not be subject to the same internal control procedures that we employ. If these unaffiliated third parties do not fulfill their contract obligations, the partnerships or joint ventures may be unable to adequately perform and deliver their contracted services. Under these circumstances, we may be obligated to pay financial penalties, provide additional services to ensure the adequate performance and delivery of the contracted services, and may be jointly and severally liable for the other's actions or contract performance. These additional obligations could result in reduced profits and revenues or, in some cases, significant losses for us with respect to the joint venture, which could also affect our reputation in the industries we serve.

**If our contractors and subcontractors fail to satisfy their obligations to us or other parties, or if we are unable to maintain these relationships, our revenue, profitability, and growth prospects could be adversely affected.**

We depend on contractors and subcontractors in conducting our business. There is a risk that we may have disputes with our subcontractors arising from, among other things, the quality and timeliness of work performed by the subcontractor, client concerns about the subcontractor, or our failure to extend existing task orders or issue new task orders under a subcontract. In addition, if a subcontractor fails to deliver on a timely basis the agreed-upon supplies, fails to perform the agreed-upon services, or goes out of business, then we may be required to purchase the services or supplies from another source at a higher price, and our ability to fulfill our obligations as a prime contractor may be jeopardized. This may reduce the profit to be realized or result in a loss on a project for which the services or supplies are needed.

We also rely on relationships with other contractors when we act as their subcontractor or joint venture partner. The absence of qualified subcontractors with which we have a satisfactory relationship could adversely affect the quality of our service and our ability to perform under some of our contracts. Our future revenue and growth prospects could be adversely affected if other contractors eliminate or reduce their subcontracts or teaming arrangement relationships with us, or if a government agency terminates or reduces these other contractors' programs, does not award them new contracts, or refuses to pay under a contract.

**Our failure to meet contractual schedule or performance requirements that we have guaranteed could adversely affect our operating results.**

In certain circumstances, we can incur liquidated or other damages if we do not achieve project completion by a scheduled date. If we or an entity for which we have provided a guarantee subsequently fails to complete the project as scheduled and the matter cannot be satisfactorily resolved with the client, we may be responsible for cost impacts to the client resulting from any delay or the cost to complete the project. Our costs generally increase from schedule delays and/or could exceed our projections for a particular project. In addition, project performance can be affected by a number of factors beyond our control, including unavoidable delays from governmental inaction, public opposition, inability to obtain financing, weather conditions, unavailability of vendor materials, changes in the project scope of services requested by our clients, industrial accidents, environmental hazards, labor disruptions and other factors. As a result, material performance problems for existing and future contracts could cause actual results of operations to differ from those anticipated by us and also could cause us to suffer damage to our reputation within our industry and client base.

**New legal requirements could adversely affect our operating results.**

Our business and results of operations could be adversely affected by U.S. health care reform, climate change, defense, environmental and infrastructure industry specific and other legislation and regulations. We are continually assessing the impact that health care reform could have on our employer-sponsored medical plans. Growing concerns about climate change may result in the imposition of additional environmental regulations. For example, legislation, international protocols, regulation or other restrictions on emissions could increase the costs of projects for our clients or, in some cases, prevent a project from going forward, thereby potentially reducing the need for our services. In addition, relaxation or repeal of laws and regulations, or changes in governmental policies regarding environmental, defense, infrastructure or other industries we serve could result in a decline in demand for our services, which could in turn negatively impact our revenues. We cannot predict when or whether any of these various proposals may be enacted or what their effect will be on us or on our customers.

Table of Contents

**Changes in resource management, environmental, or infrastructure industry laws, regulations, and programs could directly or indirectly reduce the demand for our services, which could in turn negatively impact our revenue.**

Some of our services are directly or indirectly impacted by changes in U.S. federal, state, local or foreign laws and regulations pertaining to the resource management, environmental, and infrastructure industries. Accordingly, a relaxation or repeal of these laws and regulations, or changes in governmental policies regarding the funding, implementation or enforcement of these programs, could result in a decline in demand for our services, which could in turn negatively impact our revenue.

**Changes in capital markets could adversely affect our access to capital and negatively impact our business.**

Our results could be adversely affected by an inability to access the revolving credit facility under our credit agreement. Unfavorable financial or economic conditions could impact certain lenders' willingness or ability to fund our revolving credit facility. In addition, increases in interest rates or credit spreads, volatility in financial markets or the interest rate environment, significant political or economic events, defaults of significant issuers, and other market and economic factors, may negatively impact the general level of debt issuance, the debt issuance plans of certain categories of borrowers, the types of credit-sensitive products being offered, and/or a sustained period of market decline or weakness could have a material adverse effect on us.

**Restrictive covenants in our credit agreement may restrict our ability to pursue certain business strategies.**

Our credit agreement limits or restricts our ability to, among other things:

- incur additional indebtedness;
- create liens securing debt or other encumbrances on our assets;
- make loans or advances;
- pay dividends or make distributions to our stockholders;
- purchase or redeem our stock;

- repay indebtedness that is junior to indebtedness under our credit agreement;
- acquire the assets of, or merge or consolidate with, other companies; and
- sell, lease, or otherwise dispose of assets.

Our credit agreement also requires that we maintain certain financial ratios, which we may not be able to achieve. The covenants may impair our ability to finance future operations or capital needs or to engage in other favorable business activities.

**Our industry is highly competitive and we may be unable to compete effectively, which could result in reduced revenue, profitability and market share.**

We are engaged in a highly competitive business. The markets we serve are highly fragmented and we compete with a large number of regional, national and international companies. Certain of these competitors have greater financial and other resources than we do. Others are smaller and more specialized, and concentrate their resources in particular areas of expertise. The extent of our competition varies according to the particular markets and geographic area. In addition, the technical and professional aspects of some of our services generally do not require large upfront capital expenditures and provide limited barriers against new competitors. The degree and type of competition we face is also influenced by the type and scope of a particular project. Our clients make competitive determinations based upon qualifications, experience, performance, reputation, technology, customer relationships and ability to provide the relevant services in a timely, safe and cost-efficient manner. This competitive



Table of Contents

environment could force us to make price concessions or otherwise reduce prices for our services. If we are unable to maintain our competitiveness and win bids for future projects, our market share, revenue, and profits will decline.

**Legal proceedings, investigations, and disputes could result in substantial monetary penalties and damages, especially if such penalties and damages exceed or are excluded from existing insurance coverage.**

We engage in consulting, engineering, program management, construction management, construction, and technical services that can result in substantial injury or damages that may expose us to legal proceedings, investigations, and disputes. For example, in the ordinary course of our business, we may be involved in legal disputes regarding personal injury claims, employee or labor disputes, professional liability claims, and general commercial disputes involving project cost overruns and liquidated damages, as well as other claims. In addition, in the ordinary course of our business, we frequently make professional judgments and recommendations about environmental and engineering conditions of project sites for our clients, and we may be deemed to be responsible for these judgments and recommendations if they are later determined to be inaccurate. Any unfavorable legal ruling against us could result in substantial monetary damages or even criminal violations. We maintain insurance coverage as part of our overall legal and risk management strategy to minimize our potential liabilities; however, insurance coverage contains exclusions and other limitations that may not cover our potential liabilities. Generally, our insurance program covers workers compensation and employer's liability, general liability, automobile liability, professional errors and omissions liability, property, and contractor's pollution liability (in addition to other policies for specific projects). Our insurance program includes deductibles or self-insured retentions for each covered claim that may increase over time. In addition, our insurance policies contain exclusions that insurance providers may use to deny or restrict coverage. Excess liability and professional liability insurance policies provide for coverage on a claims-made basis, covering only claims actually made and reported during the policy period currently in effect. If we sustain liabilities that exceed or that are excluded from our insurance coverage, or for which we are not insured, it could have a material adverse impact on our results of operations and financial condition.

**Unavailability or cancellation of third-party insurance coverage would increase our overall risk exposure as well as disrupt the management of our business operations.**

We maintain insurance coverage from third-party insurers as part of our overall risk management strategy and because some of our contracts require us to maintain specific insurance coverage limits. If any of our third-party insurers fail, suddenly cancel our coverage, or otherwise are unable to provide us with adequate insurance coverage, then our overall risk exposure and our operational expenses would increase and the management of our business operations would be disrupted. In addition, there can be no assurance that any of our existing insurance coverage will be renewable upon the expiration of the coverage period or that future coverage will be affordable at the required limits.

**Our inability to obtain adequate bonding could have a material adverse effect on our future revenue and business prospects.**

Certain clients require bid bonds, and performance and payment bonds. These bonds indemnify the client should we fail to perform our obligations under a contract. If a bond is required for a particular project and we are unable to obtain an appropriate bond, we cannot pursue that project. In some instances, we are required to co-venture with a small or disadvantaged business to pursue certain U.S. federal or state government contracts. In connection with these ventures, we are sometimes required to utilize our bonding capacity to cover all of the payment and performance obligations under the contract with the client. We have a bonding facility but, as is typically the case, the issuance of bonds under that facility is at the surety's sole discretion. Moreover, due to events that can negatively affect the insurance and bonding markets, bonding may be more difficult to obtain or may only be available at significant additional cost. There can be no assurance that bonds will continue to be available to us on reasonable terms. Our inability to obtain adequate bonding and, as a result, to bid on new work could have a material adverse effect on our future revenue and business prospects.

**Employee, agent, or partner misconduct, or our failure to comply with anti-bribery and other laws or regulations, could harm our reputation, reduce our revenue and profits, and subject us to criminal and civil enforcement actions.**

Misconduct, fraud, non-compliance with applicable laws and regulations, or other improper activities by one of our employees, agents, or partners could have a significant negative impact on our business and reputation. Such misconduct could include the failure to comply with government procurement regulations, regulations regarding the protection of classified information, regulations prohibiting bribery and other foreign corrupt practices, regulations regarding the pricing of labor and other costs in government contracts, regulations on lobbying or similar activities, regulations pertaining to the internal controls over financial reporting, environmental laws, and any other applicable laws or regulations. For example, as previously noted, the FCPA and similar anti-bribery laws in other jurisdictions generally prohibit companies and their intermediaries from making improper payments to non-U.S. officials for the purpose of obtaining or retaining business. Our policies mandate compliance with these regulations and laws, and we take precautions to prevent and detect misconduct. However, since our internal controls are subject to inherent limitations, including human error, it is possible that these controls could be intentionally circumvented or become inadequate because of changed conditions. As a result, we cannot assure that our controls will protect us from reckless or criminal acts committed by our employees or agents. Our failure to comply with applicable laws or regulations, or acts of misconduct could subject us to fines and penalties, loss of security clearances, and suspension or debarment from contracting, any or all of which could harm our reputation, reduce our revenue and profits, and subject us to criminal and civil enforcement actions.

Table of Contents

**Our business activities may require our employees to travel to and work in countries where there are high security risks, which may result in employee death or injury, repatriation costs or other unforeseen costs.**

Certain of our contracts may require our employees travel to and work in high-risk countries that are undergoing political, social, and economic upheavals resulting from war, civil unrest, criminal activity, acts of terrorism, or public health crises. For example, we currently have employees working in high security risk countries such as Afghanistan and Iraq. As a result, we risk loss of or injury to our employees and may be subject to costs related to employee death or injury, repatriation, or other unforeseen circumstances. We may choose or be forced to leave a country with little or no warning due to physical security risks.

**Our failure to implement and comply with our safety program could adversely affect our operating results or financial condition.**

Our project sites often put our employees and others in close proximity with mechanized equipment, moving vehicles, chemical and manufacturing processes, and highly regulated materials. On some project sites, we may be responsible for safety, and, accordingly, we have an obligation to implement effective safety procedures. Our safety program is a fundamental element of our overall approach to risk management, and the implementation of the safety program is a significant issue in our dealings with our clients. We maintain an enterprise-wide group of health and safety professionals to help ensure that the services we provide are delivered safely and in accordance with standard work processes. Unsafe job sites and office environments have the potential to increase employee turnover, increase the cost of a project to our clients, expose us to types and levels of risk that are fundamentally unacceptable, and raise our operating costs. The implementation of our safety processes and procedures are monitored by various agencies, including the U.S. Mine Safety and Health Administration ( MSHA ), and rating bureaus, and may be evaluated by certain clients in cases in which safety requirements have been established in our contracts. Our failure to meet these requirements or our failure to properly implement and comply with our safety program could result in reduced profitability, the loss of projects or clients, or potential litigation, and could have a material adverse effect on our business, operating results, or financial condition.

**We may be precluded from providing certain services due to conflict of interest issues.**

Many of our clients are concerned about potential or actual conflicts of interest in retaining management consultants. U.S. federal government agencies have formal policies against continuing or awarding contracts that would create actual or potential conflicts of interest with other activities of a contractor. These policies, among other things, may prevent us from bidding for or performing government contracts resulting from or relating to certain work we have performed. In addition, services performed for a commercial or government client may create a conflict of interest that precludes or limits our ability to obtain work from other public or private organizations. We have, on occasion, declined to bid on projects due to conflict of interest issues.

**If our reports and opinions are not in compliance with professional standards and other regulations, we could be subject to monetary damages and penalties.**

We issue reports and opinions to clients based on our professional engineering expertise, as well as our other professional credentials. Our reports and opinions may need to comply with professional standards, licensing requirements, securities regulations, and other laws and rules governing the performance of professional services in the jurisdiction in which the services are performed. In addition, we could be liable to third parties who use or rely upon our reports or opinions even if we are not contractually bound to those third parties. For example, if we

Edgar Filing: TETRA TECH INC - Form 10-Q

deliver an inaccurate report or one that is not in compliance with the relevant standards, and that report is made available to a third party, we could be subject to third-party liability, resulting in monetary damages and penalties.

Table of Contents

**We may be subject to liabilities under environmental laws and regulations.**

Our services are subject to numerous U.S. and international environmental protection laws and regulations that are complex and stringent. For example, we must comply with a number of U.S. federal government laws that strictly regulate the handling, removal, treatment, transportation, and disposal of toxic and hazardous substances. Under the Comprehensive Environmental Response Compensation and Liability Act of 1980, as amended ( CERCLA ), and comparable state laws, we may be required to investigate and remediate regulated hazardous materials. CERCLA and comparable state laws typically impose strict, joint and several liabilities without regard to whether a company knew of or caused the release of hazardous substances. The liability for the entire cost of clean-up could be imposed upon any responsible party. Other principal U.S. federal environmental, health, and safety laws affecting us include, but are not limited to, the Resource Conservation and Recovery Act, National Environmental Policy Act, the Clean Air Act, the Occupational Safety and Health Act, the Federal Mine Safety and Health Act of 1977 (the Mine Act ), the Toxic Substances Control Act, and the Superfund Amendments and Reauthorization Act. Our business operations may also be subject to similar state and international laws relating to environmental protection. Further, past business practices at companies that we have acquired may also expose us to future unknown environmental liabilities. Liabilities related to environmental contamination or human exposure to hazardous substances, or a failure to comply with applicable regulations, could result in substantial costs to us, including clean-up costs, fines, civil or criminal sanctions, and third-party claims for property damage or personal injury or cessation of remediation activities. Our continuing work in the areas governed by these laws and regulations exposes us to the risk of substantial liability.

**Force majeure events, including natural disasters and terrorist actions, could negatively impact the economies in which we operate or disrupt our operations, which may affect our financial condition, results of operations, or cash flows.**

Force majeure or extraordinary events beyond the control of the contracting parties, such as natural and man-made disasters, as well as terrorist actions, could negatively impact the economies in which we operate by causing the closure of offices, interrupting projects, and forcing the relocation of employees. We typically remain obligated to perform our services after a terrorist action or natural disaster unless the contract contains a force majeure clause that relieves us of our contractual obligations in such an extraordinary event. If we are not able to react quickly to force majeure, our operations may be affected significantly, which would have a negative impact on our financial condition, results of operations, or cash flows.

**We have only a limited ability to protect our intellectual property rights, and our failure to protect our intellectual property rights could adversely affect our competitive position.**

Our success depends, in part, upon our ability to protect our proprietary information and other intellectual property. We rely principally on trade secrets to protect much of our intellectual property where we do not believe that patent or copyright protection is appropriate or obtainable. However, trade secrets are difficult to protect. Although our employees are subject to confidentiality obligations, this protection may be inadequate to deter or prevent misappropriation of our confidential information. In addition, we may be unable to detect unauthorized use of our intellectual property or otherwise take appropriate steps to enforce our rights. Failure to obtain or maintain trade secret protection could adversely affect our competitive business position. In addition, if we are unable to prevent third parties from infringing or misappropriating our trademarks or other proprietary information, our competitive position could be adversely affected.

**Systems and information technology interruption could adversely impact our ability to operate.**

## Edgar Filing: TETRA TECH INC - Form 10-Q

We rely heavily on computer, information, and communications technology and systems to operate. From time to time, we experience system interruptions and delays. If we are unable to effectively deploy software and hardware, upgrade our systems and network infrastructure, and take steps to improve and protect our systems, systems operations could be interrupted or delayed.

Table of Contents

Our computer and communications systems and operations could be damaged or interrupted by natural disasters, telecommunications failures, acts of war or terrorism, and similar events or disruptions. In addition, we face the threat of unauthorized system access, computer hackers, computer viruses, malicious code, organized cyber-attacks, and other security breaches and system disruptions. We devote significant resources to the security of our computer systems, but they may still be vulnerable to threats. Anyone who circumvents security measures could misappropriate proprietary information or cause interruptions or malfunctions in system operations. As a result, we may be required to expend significant resources to protect against the threat of system disruptions and security breaches, or to alleviate problems caused by disruptions and breaches.

Any of these or other events could cause system interruption, delays, and loss of critical data that could delay or prevent operations, and could have a material adverse effect on our business, financial condition, results of operations, and cash flows, and could negatively impact our clients.

**Our stock price could become more volatile and stockholders' investments could lose value.**

In addition to the macroeconomic factors that have affected the prices of many securities generally, all of the factors discussed in this section could affect our stock price. Our common stock has previously experienced substantial price volatility. In addition, the stock market has experienced extreme price and volume fluctuations that have affected the market price of many companies, and that have often been unrelated to the operating performance of these companies. The overall market and the price of our common stock may fluctuate greatly. The trading price of our common stock may be significantly affected by various factors, including:

- quarter-to-quarter variations in our financial results, including revenue, profits, days sales outstanding, backlog, and other measures of financial performance or financial condition, which may be affected by the following:
  
- loss of key employees;
  
- the number and significance of client contracts commenced and completed during a quarter;
  
- creditworthiness and solvency of clients;
  
- the ability of our clients to terminate contracts without penalties;
  
- general economic or political conditions;

Edgar Filing: TETRA TECH INC - Form 10-Q

- unanticipated changes in contract performance that may affect profitability, particularly with contracts that are fixed-price or have funding limits;
- contract negotiations on change orders, requests for equitable adjustment, and collections of related billed and unbilled accounts receivable;
- seasonality of the spending cycle of our public sector clients, notably the U.S. federal government, the spending patterns of our commercial sector clients, and weather conditions;
- budget constraints experienced by our U.S. federal, and state and local government clients;
- integration of acquired companies;
- changes in contingent consideration related to acquisition earn-outs;
- divestiture or discontinuance of operating units;
- employee hiring, utilization and turnover rates;
- delays incurred in connection with a contract;
- the size, scope and payment terms of contracts;
- the timing of expenses incurred for corporate initiatives;
- reductions in the prices of services offered by our competitors;
- threatened or pending litigation;



- legislative and regulatory enforcement policy changes that may affect demand for our services;

Table of Contents

- the impairment of goodwill or identifiable intangible assets;
  
- the fluctuation of a foreign currency exchange rate;
  
- stock-based compensation expense;
  
- actual events, circumstances, outcomes, and amounts differing from judgments, assumptions, and estimates used in determining the value of certain assets (including the amounts of related valuation allowances), liabilities, and other items reflected in our condensed consolidated financial statements;
  
- success in executing our strategy and operating plans;
  
- changes in tax laws or regulations or accounting rules;
  
- results of income tax examinations;
  
- the timing of announcements in the public markets regarding new services or potential problems with the performance of services by us or our competitors, or any other material announcements;
  
- speculation in the media and analyst community, changes in recommendations or earnings estimates by financial analysts, changes in investors' or analysts' valuation measures for our stock, and market trends unrelated to our stock;
  
- our announcements concerning the payment of dividends or the repurchase of our shares;
  
- resolution of threatened or pending litigation;

- changes in investors and analysts perceptions of our business or any of our competitors businesses;
- changes in environmental legislation;
- broader market fluctuations; and
- general economic or political conditions.

Volatility in the financial markets could cause a decline in our stock price, which could trigger an impairment of the goodwill of individual reporting units that could be material to our condensed consolidated financial statements. A significant drop in the price of our stock could also expose us to the risk of securities class action lawsuits, which could result in substantial costs and divert management s attention and resources, which could adversely affect our business. Additionally, volatility or a lack of positive performance in our stock price may adversely affect our ability to retain key employees, many of whom are awarded equity securities, the value of which is dependent on the performance of our stock price.

**Delaware law and our charter documents may impede or discourage a merger, takeover, or other business combination even if the business combination would have been in the best interests of our stockholders.**

We are a Delaware corporation and the anti-takeover provisions of Delaware law impose various impediments to the ability of a third party to acquire control of us, even if a change in control would be beneficial to our stockholders. In addition, our Board of Directors has the power, without stockholder approval, to designate the terms of one or more series of preferred stock and issue shares of preferred stock, which could be used defensively if a takeover is threatened. Our incorporation under Delaware law, the ability of our Board of Directors to create and issue a new series of preferred stock, and provisions in our certificate of incorporation and bylaws, such as those relating to advance notice of certain stockholder proposals and nominations, could impede a merger, takeover, or other business combination involving us, or discourage a potential acquirer from making a tender offer for our common stock, even if the business combination would have been in the best interests of our current stockholders.

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

On November 10, 2014, our Board of Directors authorized a stock repurchase program under which we could repurchase up to \$200 million of our common stock over the next two years. As of October 2, 2016, we repurchased through open market purchases a total of 7.4 million shares at an average price of \$26.91, for a total cost of \$200 million under this new repurchase program. On November 7, 2016, our Board of Directors authorized a new stock repurchase program under which we could repurchase up to \$200 million of our common stock. As of January 1, 2017, we repurchased through open market purchases a total of 232,665 shares at an average price of \$42.98, for a total cost of \$10.0 million under this repurchase program. These shares were repurchased during the period from October 3, 2016 through January 1, 2017. A summary of the repurchase activity for the three months ended January 1, 2017 is as follows:

Period		Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Dollar Value that May Yet be Purchased Under the Plans or Programs
October 3, 2016	October 30, 2016		\$		\$ 200,000,000
October 31, 2016	November 27, 2016	71,979	41.87	71,979	196,986,433
November 28, 2016	January 1, 2017	160,686	43.48	160,686	190,000,264

**Item 4. Mine Safety Disclosure**

Section 1503 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Dodd-Frank Act) requires domestic mine operators to disclose violations and orders issued under the Mine Act by MSHA. We do not act as the owner of any mines, but we may act as a mining operator as defined under the Mine Act where we may be an independent contractor performing services or construction at such mine. Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Act and Item 104 Regulations S-K is included in Exhibit 95.

**Item 6. Exhibits**

The following documents are filed as Exhibits to this Report:

- 31.1 Chief Executive Officer Certification pursuant to Rule 13a-14(a)/15d-14(a).
- 31.2 Chief Financial Officer Certification pursuant to Rule 13a-14(a)/15d-14(a).

Edgar Filing: TETRA TECH INC - Form 10-Q

- 32.1 Certification of Chief Executive Officer pursuant to Section 1350.
- 32.2 Certification of Chief Financial Officer pursuant to Section 1350.
- 95 Mine Safety Disclosure.
- 101 The following financial information from our Company's Quarterly Report on Form 10-Q, for the period ended January 1, 2017, formatted in eXtensible Business Reporting Language: (i) Condensed Consolidated Balance Sheets, (ii) Condensed Consolidated Statements of Income, (iii) Condensed Consolidated Statement of Comprehensive Income, (iv) Condensed Consolidated Statements of Cash Flows, (v) Notes to Condensed Consolidated Financial Statements.

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.

Dated: February 3, 2017

TETRA TECH, INC.

By: /s/ Dan L. Batrack  
Dan L. Batrack  
Chairman, Chief Executive Officer and President  
(Principal Executive Officer)

By: /s/ Steven M. Burdick  
Steven M. Burdick  
Chief Financial Officer  
(Principal Financial Officer)

By: /s/ Brian N. Carter  
Brian N. Carter  
Senior Vice President, Corporate Controller  
(Principal Accounting Officer)