

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 September 30, 2021

or

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

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

Commission File Number: 001-38003

**RAMACO RESOURCES, INC.**

(Exact name of registrant as specified in its charter)

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

**38-4018838**  
(I.R.S. Employer  
Identification No.)

**250 West Main Street, Suite 1800**  
**Lexington, Kentucky**  
(Address of principal executive offices)

**40507**  
(Zip code)

**(859) 244-7455**

**(Registrant's telephone number, including area code)**  
**Securities registered pursuant to Section 12(b) of the Act:**

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
<b>Common Stock, \$0.01 par value</b>	<b>METC</b>	<b>NASDAQ Global Select Market</b>
<b>9.00% Senior Notes due 2026</b>	<b>METCL</b>	<b>NASDAQ Global Select Market</b>

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

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes  No

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

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
Emerging growth company	<input checked="" type="checkbox"/>		

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

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

As of November 1, 2021, the registrant had 44,109,366 shares of common stock outstanding.

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## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q (this "Quarterly Report") includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act") and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). All statements, other than statements of historical fact included in this Quarterly Report, regarding our strategy, future operations, financial position, estimated revenue and losses, projected costs, prospects, plans and objectives of management are forward-looking statements. When used in this Quarterly Report, the words "could," "believe," "anticipate," "intend," "estimate," "expect," "project" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain such identifying words. These forward-looking statements are based on management's current expectations and assumptions about future events and are based on currently available information as to the outcome and timing of future events. When considering forward-looking statements, you should keep in mind the risk factors and other cautionary statements described under, but not limited to, the heading "Item 1A. Risk Factors" included in this Quarterly Report and elsewhere in the Annual Report of Ramaco Resources, Inc. (the "Company") on Form 10-K for the year ended December 31, 2020 (the "Annual Report") filed with the United States Securities and Exchange Commission (the "SEC") on February 18, 2021 and other filings of the Company with the SEC.

Forward-looking statements may include statements about:

- risks related to the impact of the COVID-19 global pandemic, such as the scope and duration of the outbreak, the health and safety of our employees, government actions and restrictive measures implemented in response, delays and cancellations of customer sales, supply chain disruptions and other impacts to the business, or our ability to execute our business continuity plans;
- anticipated production levels, costs, sales volumes and revenue;
- timing and ability to complete major capital projects;
- economic conditions in the metallurgical coal and steel industries generally, including any near-term or long-term downturn in these industries as a result of the COVID-19 global pandemic and related actions;
- expected costs to develop planned and future mining operations, including the costs to construct necessary processing, refuse disposal and transport facilities;
- estimated quantities or quality of our metallurgical coal reserves;
- our ability to obtain additional financing on favorable terms, if required, to complete the acquisition of additional metallurgical coal reserves as currently contemplated or to fund the operations and growth of our business;
- maintenance, operating or other expenses or changes in the timing thereof;
- the financial condition and liquidity of our customers;
- competition in coal markets;
- the price of metallurgical coal or thermal coal;
- compliance with stringent domestic and foreign laws and regulations, including environmental, climate change and health and safety regulations, and permitting requirements, as well as changes in the regulatory environment, the adoption of new or revised laws, regulations and permitting requirements;
- potential legal proceedings and regulatory inquiries against us;
- the impact of weather and natural disasters on demand, production and transportation;
- purchases by major customers and our ability to renew sales contracts;
- credit and performance risks associated with customers, suppliers, contract miners, co-shippers and traders, banks and other financial counterparties;
- geologic, equipment, permitting, site access and operational risks and new technologies related to mining;
- transportation availability, performance and costs;
- availability, timing of delivery and costs of key supplies, capital equipment or commodities such as diesel fuel, steel, explosives and tires;
- timely review and approval of permits, permit renewals, extensions and amendments by regulatory authorities;
- our ability to comply with certain debt covenants;
- tax payments to be paid for the current fiscal year;
- our expectations relating to dividend payments and our ability to make such payments, if any;

- the anticipated completion of the Acquisition (as defined below) and the timing thereof;
- the expected benefits of the Acquisition to the Company's shareholders;
- the anticipated benefits and impacts of the Acquisition; and
- other risks identified in this Quarterly Report that are not historical.

We caution you that these forward-looking statements are subject to a number of risks, uncertainties and assumptions, which are difficult to predict and many of which are beyond our control, incident to the development, production, gathering and sale of coal. Moreover, we operate in a very competitive and rapidly changing environment and additional risks may arise from time to time. It is not possible for our management to predict all of the risks associated with our business, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. Although we believe that our plans, intentions and expectations reflected in or suggested by the forward-looking statements we make in this Quarterly Report are reasonable, we can give no assurance that these plans, intentions or expectations will be achieved or occur, and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. Given these risks and uncertainties, investors should not place undue reliance on forward-looking statements as a prediction of actual results.

All forward-looking statements, expressed or implied, included in this Quarterly Report are expressly qualified in their entirety by this cautionary statement and speak only as of the date of this Quarterly Report. This cautionary statement should also be considered in connection with any subsequent written or oral forward-looking statements that we or persons acting on our behalf may issue.

Except as otherwise required by applicable law, we disclaim any duty to update any forward-looking statements, all of which are expressly qualified by the statements in this section, to reflect events or circumstances after the date of this Quarterly Report.

## PART I - FINANCIAL INFORMATION

## Item 1. Financial Statements

**Ramaco Resources, Inc.**  
**Unaudited Condensed Consolidated Balance Sheets**

*In thousands, except share and per-share amounts*

	<u>September 30, 2021</u>	<u>December 31, 2020</u>
<b>Assets</b>		
Current assets		
Cash and cash equivalents	\$ 46,672	\$ 5,300
Accounts receivable	37,592	20,299
Inventories	13,880	11,947
Prepaid expenses and other	4,339	4,953
Total current assets	<u>102,483</u>	<u>42,499</u>
Property, plant and equipment, net	181,675	180,455
Financing lease right-of-use assets, net	8,897	—
Advanced coal royalties	5,509	4,784
Other	520	885
Total Assets	<u>\$ 299,084</u>	<u>\$ 228,623</u>
<b>Liabilities and Stockholders' Equity</b>		
Liabilities		
Current liabilities		
Accounts payable	\$ 21,157	\$ 11,742
Accrued expenses	14,081	11,591
Asset retirement obligations	1,161	46
Current portion of long-term debt	5,781	4,872
Current portion of financing lease obligations	3,057	—
Other current liabilities	44	862
Total current liabilities	<u>45,281</u>	<u>29,113</u>
Asset retirement obligations	14,629	15,110
Long-term debt, net	2,809	12,578
Long-term financing lease obligations, net	4,847	—
Senior notes, net	32,245	—
Deferred tax liability, net	3,412	1,762
Other long-term liabilities	2,054	965
Total liabilities	<u>105,277</u>	<u>59,528</u>
Commitments and contingencies	—	—
Stockholders' Equity		
Preferred stock, \$0.01 par value, 50,000,000 shares authorized, none issued and outstanding	—	—
Common stock, \$0.01 par value, 260,000,000 shares authorized, 44,109,366 at September 30, 2021 and 42,706,908 at December 31, 2020 shares issued and outstanding	441	427
Additional paid-in capital	162,437	158,859
Retained earnings	30,929	9,809
Total stockholders' equity	<u>193,807</u>	<u>169,095</u>
Total Liabilities and Stockholders' Equity	<u>\$ 299,084</u>	<u>\$ 228,623</u>

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

**Ramaco Resources, Inc.**  
**Unaudited Condensed Consolidated Statements of Operations**

<i>In thousands, except per-share amounts</i>	<b>Three months ended September 30,</b>		<b>Nine months ended September 30,</b>	
	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>
Revenue	\$ 76,377	\$ 39,459	\$ 195,889	\$ 117,769
<b>Costs and expenses</b>				
Cost of sales (exclusive of items shown separately below)	54,808	35,689	143,768	96,758
Asset retirement obligations accretion	156	128	461	428
Depreciation and amortization	6,751	5,258	18,861	15,601
Selling, general and administrative	5,895	5,966	15,767	15,723
Total costs and expenses	<u>67,610</u>	<u>47,041</u>	<u>178,857</u>	<u>128,510</u>
Operating income (loss)	8,767	(7,582)	17,032	(10,741)
Other income	789	1,743	7,156	11,456
Interest expense, net	(933)	(344)	(1,418)	(915)
Income (loss) before tax	8,623	(6,183)	22,770	(200)
Income tax expense (benefit)	1,588	(1,407)	1,650	(38)
Net income (loss)	<u>\$ 7,035</u>	<u>\$ (4,776)</u>	<u>\$ 21,120</u>	<u>\$ (162)</u>
<b>Earnings (loss) per common share</b>				
Basic	\$ 0.16	\$ (0.11)	\$ 0.48	\$ —
Diluted	\$ 0.16	\$ (0.11)	\$ 0.48	\$ —
Basic weighted average shares outstanding	44,109	42,647	43,915	42,373
Diluted weighted average shares outstanding	44,465	42,647	43,996	42,373

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

**Ramaco Resources, Inc.**  
**Unaudited Condensed Consolidated Statements of Stockholders' Equity**

<i>In thousands</i>	<b>Common Stock</b>	<b>Additional Paid- in Capital</b>	<b>Retained Earnings</b>	<b>Total Stockholders' Equity</b>
Balance at January 1, 2021	\$ 427	\$ 158,859	\$ 9,809	\$ 169,095
Stock-based compensation	15	1,040	—	1,055
Net income	—	—	4,143	4,143
Balance at March 31, 2021	442	159,899	13,952	174,293
Restricted stock surrendered for withholding taxes payable	(1)	(326)	—	(327)
Stock-based compensation	—	1,522	—	1,522
Net income	—	—	9,942	9,942
Balance at June 30, 2021	441	161,095	23,894	185,430
Stock-based compensation	—	1,342	—	1,342
Net income	—	—	7,035	7,035
Balance at September 30, 2021	<u>\$ 441</u>	<u>\$ 162,437</u>	<u>\$ 30,929</u>	<u>\$ 193,807</u>
Balance at January 1, 2020	\$ 410	\$ 154,957	\$ 14,716	\$ 170,083
Stock-based compensation	17	906	—	923
Net income	—	—	1,962	1,962
Balance at March 31, 2020	427	155,863	16,678	172,968
Restricted stock surrendered for withholding taxes payable	(1)	(192)	—	(193)
Stock-based compensation	—	1,106	—	1,106
Net income	—	—	2,652	2,652
Balance at June 30, 2020	426	156,777	19,330	176,533
Stock-based compensation	1	1,089	—	1,090
Net loss	—	—	(4,776)	(4,776)
Balance at September 30, 2020	<u>\$ 427</u>	<u>\$ 157,866</u>	<u>\$ 14,554</u>	<u>\$ 172,847</u>

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

**Ramaco Resources, Inc.**  
**Unaudited Condensed Consolidated Statements of Cash Flows**

<i>In thousands</i>	<b>Nine months ended September 30,</b>	
	<b>2021</b>	<b>2020</b>
<b>Cash flows from operating activities:</b>		
Net income (loss)	\$ 21,120	\$ (162)
Adjustments to reconcile net income (loss) to net cash from operating activities:		
Accretion of asset retirement obligations	461	428
Depreciation and amortization	18,861	15,601
Amortization of debt issuance costs	96	43
Stock-based compensation	3,919	3,119
Other income - employee retention tax credit	(5,407)	—
Other income - PPP Loan	—	(8,444)
Deferred income taxes	1,650	(37)
Changes in operating assets and liabilities:		
Accounts receivable	(17,293)	(2,030)
Prepaid expenses and other current assets	5,611	630
Inventories	(1,933)	(8,027)
Other assets and liabilities	760	(1,154)
Accounts payable	7,515	3,409
Accrued expenses	2,397	(2,429)
Net cash from operating activities	<u>37,757</u>	<u>947</u>
<b>Cash flow from investing activities:</b>		
Purchases of property, plant and equipment	(17,642)	(20,515)
Net cash from investing activities	<u>(17,642)</u>	<u>(20,515)</u>
<b>Cash flows from financing activities:</b>		
Proceeds from PPP Loan	—	8,444
Proceeds from borrowings	50,545	45,543
Payments of debt issuance cost	(2,356)	—
Repayment of borrowings	(24,900)	(32,597)
Repayments of financed insurance payable	(862)	(656)
Repayments of financing leased equipment	(1,253)	—
Restricted stock surrendered for withholding taxes payable	(327)	(193)
Net cash from financing activities	<u>20,847</u>	<u>20,541</u>
Net change in cash and cash equivalents and restricted cash	40,962	973
Cash and cash equivalents and restricted cash, beginning of period	6,710	6,865
Cash and cash equivalents and restricted cash, end of period	<u>\$ 47,672</u>	<u>\$ 7,838</u>
<b>Supplemental cash flow information:</b>		
Cash paid for interest	\$ 852	\$ 820
Cash paid for taxes	—	—
<b>Non-cash investing and financing activities:</b>		
Leased assets obtained under new financing leases	9,157	—
Capital expenditures included in accounts payable and accrued expenses	3,128	633
Additional asset retirement obligations incurred	235	172

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



**Ramaco Resources, Inc.**  
**Notes to Unaudited Condensed Consolidated Financial Statements**

**NOTE 1—BUSINESS**

Ramaco Resources, Inc. (the "Company," "we," "us" or "our,") is a Delaware corporation formed in October 2016. Our principal corporate offices are located in Lexington, Kentucky. We are an operator and developer of high-quality, low-cost metallurgical coal in southern West Virginia, southwestern Virginia, and southwestern Pennsylvania.

*COVID-19 Pandemic*—The global spread of COVID-19 created significant volatility, uncertainty and economic disruption during 2020. The Company was adversely affected by the deterioration and increased uncertainty in the macroeconomic outlook as a result of the impact of COVID-19. After the initial outbreak, we observed a declining demand for, and declines in the spot price of, metallurgical coal as business and consumer activity decelerated across the globe. Throughout 2021, we are seeing increases in demand from our primary customers, as the global economic recovery began. U.S. steel prices also have increased significantly due to this recovery and the effects from large-scale government stimulus measures.

We continue to actively monitor the situation and may take further actions altering our business operations that we determine are in the best interests of our employees, customers, suppliers, and stakeholders, or as required by federal, state, or local authorities.

**NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

*Basis of Presentation*—These interim financial statements are unaudited and have been prepared pursuant to the rules and regulations of the SEC regarding interim financial reporting. Certain disclosures have been condensed or omitted from these financial statements. Accordingly, they do not include all the information and notes required by accounting principles generally accepted in the United States of America ("GAAP") for complete consolidated financial statements, and should be read in conjunction with the audited consolidated financial statements and notes thereto included in our Annual Report.

In the opinion of management, the accompanying unaudited condensed consolidated financial statements include all adjustments, consisting of normal recurring adjustments, necessary to fairly present the financial position as of, and the results of operations for, all periods presented. In preparing the accompanying financial statements, management has made certain estimates and assumptions that affect reported amounts in the condensed consolidated financial statements and disclosures of contingencies. Actual results may differ from those estimates. The results for interim periods are not necessarily indicative of annual results. Intercompany balances and transactions between consolidated entities have been eliminated.

*Cash and Cash Equivalents*—We classify all highly-liquid instruments with an original maturity of three months or less to be cash equivalents. Restricted cash balances were \$1.0 million at September 30, 2021 and \$1.4 million at December 31, 2020. These consisted of funds held in escrow for potential future workers' compensation claims and were classified in other current assets in the consolidated balance sheets.

*Self-Insurance*—We are self-insured for certain losses relating to workers' compensation claims, including pneumoconiosis (occupational disease) claims. We purchase insurance coverage to reduce our exposure to significant levels of these claims. Self-insured losses are accrued based upon estimates of the aggregate liability for uninsured claims incurred as of the balance sheet date using current and historical claims experience and certain actuarial assumptions. At September 30, 2021, the estimated aggregate liability for uninsured claims totaled \$3.5 million. Of this, \$2.1 million is included in other long-term liabilities within the consolidated balance sheets. At December 31, 2020, the estimated aggregate liability for uninsured claims totaled \$1.7 million including \$0.9 million included in other long-term liabilities. These estimates are subject to uncertainty due to a variety of factors, including extended lag times in the reporting and resolution of claims, and trends or changes in claim settlement patterns, insurance industry practices and legal interpretations. As a result, actual costs could differ significantly from the estimated amounts. Adjustments to estimated liabilities are recorded in the period in which the change in estimate occurs.

*Financial Instruments*—Our financial assets and liabilities consist of cash, accounts receivable, accounts payable and indebtedness. The fair values of these instruments approximate their carrying amounts at each reporting date.

Nonrecurring fair value measurements include asset retirement obligations, the estimated fair value of which is calculated as the present value of estimated cash flows related to its reclamation liabilities using Level 3 inputs. The significant inputs used to calculate such liabilities include estimates of costs to be incurred, our credit adjusted discount rate, inflation rates and estimated date of reclamation.

*Concentrations*—During the three months ended September 30, 2021, sales to our top three customers accounted for approximately 29%, 19% and 16% of our total revenue, respectively, aggregating to approximately 64% of our total revenue. The balances due in the aggregate from these three customers at September 30, 2021 was approximately 63% of our total accounts receivable. During the nine months ended September 30, 2021, sales to our top three customers accounted for approximately 31%, 18% and 10% of our total revenue, respectively, aggregating to approximately 59% of our total revenue. The balances due in the aggregate from these three customers at September 30, 2021 was approximately 63% of our total accounts receivable. During the three months ended September 30, 2020, sales to our top three customers accounted for approximately 86% of total revenue. During the nine months ended September 30, 2020, sales to our top three customers accounted for approximately 71% of total revenue.

*Recent Accounting Pronouncements*—In December 2019, the FASB issued ASU 2019-12, *Income Taxes*, which enhances and simplifies various aspects of the income tax accounting guidance, including requirements such as tax basis step-up in goodwill obtained in a transaction that is not a business combination, ownership changes in investments, and interim-period accounting for enacted changes in tax law. The standard was effective for us in the first quarter of our fiscal year 2021. The adoption of this ASU did not have a material impact on our consolidated financial statements.

In March 2020, the FASB issued ASU No. 2020-04, *Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting*, which provides optional expedients and exceptions for applying generally accepted accounting principles to contracts, hedging relationships, and other transactions affected by reference rate reform if certain criteria are met. The amendments are effective for all entities beginning on March 12, 2020 through December 31, 2022. The Company has not adopted this ASU. The Company is currently assessing the impact of adopting this standard on its consolidated financial statements and the timing of adoption.

### NOTE 3—PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment consisted of the following:

<i>(In thousands)</i>	<b>September 30, 2021</b>	<b>December 31, 2020</b>
Plant and equipment	\$ 161,566	\$ 155,173
Construction in process	4,890	7,245
Capitalized mine development costs	88,713	74,279
Less: accumulated depreciation and amortization	(73,494)	(56,242)
Total property, plant and equipment, net	<u>\$ 181,675</u>	<u>\$ 180,455</u>

Capitalized amounts related to coal reserves at properties where we are not currently developing or actively engaged in mining operations totaled \$14.7 million as of September 30, 2021 and \$15.4 million as of December 31, 2020.

Depreciation and amortization included:

(In thousands)	Three months ended September 30,		Nine months ended September 30,	
	2021	2020	2021	2020
Depreciation of plant and equipment	\$ 4,484	\$ 4,326	\$ 13,354	\$ 12,740
Depreciation of right of use assets	413	—	540	—
Amortization of capitalized				
mine development costs	1,854	932	4,967	2,861
Total depreciation and amortization	\$ 6,751	\$ 5,258	\$ 18,861	\$ 15,601

#### NOTE 4—DEBT

*Revolving Credit Facility and Term Loan*—On November 2, 2018, we entered into a Credit and Security Agreement (as amended, the "Credit Agreement") with KeyBank National Association ("KeyBank"). The Credit Agreement was amended on February 20, 2020 and March 19, 2021 and consists of a \$10.0 million term loan (the "Term Loan") and up to \$30.0 million in the form of a revolving line of credit (the "Revolving Credit Facility"), including \$3.0 million letter of credit availability. All personal property assets, including, but not limited to accounts receivable, coal inventory and certain mining equipment are pledged to secure the Credit Agreement.

The Revolving Credit Facility has a maturity date of December 31, 2023 and bears interest based on LIBOR + 2.0% or Base Rate + 1.5%. Base Rate is the highest of (i) KeyBank's prime rate, (ii) Federal Funds Effective Rate + 0.5%, or (iii) LIBOR + 2.0%. Advances under the Revolving Credit Facility are made initially as base rate loans but may be converted to LIBOR rate loans at certain times at our discretion. At September 30, 2021, there was no amount outstanding under the Revolving Credit Facility and we had remaining availability of \$27.1 million.

The Term Loan is secured under a Master Security Agreement with a pledge of certain underground and surface mining equipment, bears interest at LIBOR + 5.15% and is required to be repaid in monthly installments of \$278 thousand including accrued interest. The outstanding principal balance of the Term Loan was \$4.2 million at September 30, 2021.

The Credit Agreement contains usual and customary covenants including limitations on liens, additional indebtedness, investments, restricted payments, asset sales, mergers, affiliate transactions and other customary limitations, as well as financial covenants. At September 30, 2021, we were in compliance with all debt covenants in the Credit Agreement.

*Key Equipment Finance Loan*—On April 16, 2020, we entered into an equipment loan with Key Equipment Finance, a division of KeyBank, as lender, in the principal amount of approximately \$4.7 million for the financing of existing underground and surface equipment (the "Equipment Loan"). The Equipment Loan bears interest at 7.45% per annum and is payable in 36 monthly installments of \$147 thousand. There is a 3% premium for prepayment of the note within the first 12 months. This premium declines by 1% during each successive 12-month period. The outstanding principal balance under the Equipment Loan was \$2.6 million at September 30, 2021.

*9.00% Senior Unsecured Notes due 2026*—On July 13, 2021, we completed an offering of \$34.5 million, in the aggregate, of the Company's 9.00% Senior Unsecured Notes due 2026 (the "Notes"), less \$2.4 million for note offering costs. The Notes mature on July 30, 2026, unless redeemed prior to maturity. The Notes bear interest at a rate of 9.00% per annum, payable quarterly in arrears on the 30th day of January, April, July and October of each year, commencing on July 30, 2021. We may redeem the Notes in whole or in part, at our option, at any time on or after July 30, 2023, or upon certain change of control events, at a redemption price equal to 100% of the principal amount plus accrued and unpaid interest to, but not including, the date of redemption. The outstanding principal balance under the Notes was \$34.5 million at September 30, 2021.

*J. H. Fletcher & Co. Loan*—On July 23, 2021, we entered into an equipment loan with J. H. Fletcher & Co., as lender, in the principal amount of approximately \$1.0 million for the financing of underground equipment (the "Fletcher Equipment Loan"). The Fletcher Equipment Loan bears interest at 0% per annum and is payable in 24 monthly

installments of \$40 thousand. The outstanding principal balance under the Fletcher Equipment Loan was approximately \$0.8 million at September 30, 2021.

*Komatsu Financial Limited Partnership Loan*—On August 16, 2021, we entered into an equipment loan with Komatsu Financial Limited Partnership, as lender, in the principal amount of approximately \$1.0 million for the financing of surface equipment (the "Komatsu Equipment Loan"). The Komatsu Equipment Loan bears interest at 4.6% per annum and is payable in 36 monthly installments of \$36 thousand for the first six months and then at \$28 thousand until maturity. The outstanding principal balance under the Komatsu Equipment Loan was approximately \$1.0 million at September 30, 2021.

**NOTE 5—LEASES**

The Company has various financing leases for mining equipment which originated in the second and third quarters of 2021. These leases are generally for terms up to 36 months and expire through 2024. We have one operating lease for office space that will expire mid-2022.

Right-of-use assets and lease liabilities are determined as the present value of the lease payments, discounted using either the implicit interest rate in the lease or our estimated incremental borrowing rate based on similar terms, payments and the economic environment where the leased asset is located. Below is a summary of our leases:

<i>(In thousands)</i>	<b>Classification</b>	<b>September 30, 2021</b>	<b>December 31, 2020</b>
<b>Right-of-use assets</b>			
Financing	Financing lease right-of-use assets, net	\$ 8,897	\$ —
Operating	Other assets	44	110
<b>Total right-of-use assets</b>		<b>\$ 8,941</b>	<b>\$ 110</b>
<b>Current lease liabilities</b>			
Financing	Current portion of financing lease obligations	\$ 3,057	\$ —
Operating	Other current liabilities	44	79
<b>Non-current lease liabilities</b>			
Financing	Long-term portion of financing lease obligations	\$ 4,847	\$ —
Operating	Other long-term liabilities	—	31
<b>Total lease liabilities</b>		<b>\$ 7,948</b>	<b>\$ 110</b>

Minimum lease payments for our lease obligations are as follows:

<i>(In thousands)</i>	<b>September 30, 2021</b>		
	<b>Financing</b>	<b>Operating</b>	<b>Total</b>
<b>Future minimum lease payments:</b>			
2021	\$ 731	\$ 16	\$ 747
2022	3,510	41	3,551
2023	3,173	—	3,173
2024	945	—	945
<b>Total undiscounted lease payments</b>	<b>8,359</b>	<b>57</b>	<b>8,416</b>
Less: Amounts representing interest	(455)	(13)	(468)
<b>Present value of lease obligations</b>	<b>\$ 7,904</b>	<b>\$ 44</b>	<b>\$ 7,948</b>
<b>Weighted average remaining term (years)</b>	<b>2.6</b>	<b>0.6</b>	
<b>Weighted average discount rate</b>	<b>4.1%</b>	<b>8.5%</b>	

**NOTE 6—SBA PAYCHECK PROTECTION PROGRAM LOAN**

On April 20, 2020, we received proceeds from the PPP Loan in the amount of approximately \$8.4 million from KeyBank, as lender, pursuant to the Paycheck Protection Program ("PPP") of the Coronavirus Aid, Relief, and Economic Security Act (the "CARES Act"). The purpose of the PPP was to encourage the continued employment of workers. We used all of the PPP Loan proceeds for eligible payroll expenses, lease, interest and utility payments.

The PPP Loan was evidenced by a promissory note dated April 16, 2020, which contains customary events of default relating to, among other things, payment defaults and breaches of representations and warranties.

Pursuant to the subsequently enacted *Paycheck Protection Flexibility Act of 2020*, we were permitted to defer required monthly payments of principal and interest until such time as an approval or denial of forgiveness is received from the U.S. Small Business Administration ("SBA"). In 2020, we recognized \$8.4 million as other income in the consolidated statement of operations as we expect the full amount of the PPP Loan principal, together with accrued interest thereon, will be forgiven.

On July 29, 2021, we were notified by KeyBank that full forgiveness had been approved by the SBA.

**NOTE 7—EQUITY**

*Stock-Based Compensation*—We have a stock-based compensation plan under which stock options, restricted stock, performance shares and other stock-based awards may be granted. At September 30, 2021, 1.9 million shares were reserved under the current plan for future awards.

Options for the purchase of a total of 937,424 shares of our common stock with an exercise price of \$5.34 per share were granted to two executives on August 31, 2016. The options have a ten-year term from the grant date and are fully vested. The options remain outstanding and unexercised and the exercise price is less than the average stock price for the three and nine month periods ended September 30, 2021.

We grant shares of restricted stock to certain senior executives, key employees and directors. These shares vest over approximately one to three and a half years from the date of grant. During the vesting period, the participants have voting rights and may receive dividends, but the shares may not be sold, assigned, transferred, pledged or otherwise encumbered. Additionally, granted but unvested shares are generally forfeited upon termination of employment, unless an employee enters into another written arrangement. The fair value of the restricted stock on the date of the grant is amortized ratably over the service period. Compensation expense related to these awards totaled \$1.3 million and \$3.9 million for the three and nine months ended September 30, 2021, respectively. At September 30, 2021, there was \$8.5 million of total unrecognized compensation cost related to unvested restricted stock to be recognized over a weighted-average period of 1.8 years.

The following table summarizes restricted awards outstanding, as well as activity for the period:

	<b>Shares</b>	<b>Weighted Average Grant Date Fair Value</b>
Outstanding at December 31, 2020	2,845,525	\$ 4.28
Granted	1,592,659	4.37
Vested	(321,075)	8.03
Forfeited	(129,279)	4.11
Outstanding at September 30, 2021	<u>3,987,830</u>	<u>\$ 4.02</u>

**NOTE 8—COMMITMENTS AND CONTINGENCIES**

*Surety Bonds*—At September 30, 2021, we had total reclamation bonding requirements of \$15.8 million which were supported by surety bonds. Additionally, we had \$0.3 million of surety bonds that secured performance obligations.

*Contingent Transportation Purchase Commitments*—We secure the ability to transport coal through rail contracts and export terminal services contracts that are sometimes funded through take-or-pay arrangements. At September 30, 2021, contingent liabilities under these take-or-pay arrangements totaled \$4.6 million under four contracts expiring at various dates between December 31, 2021, and March 31, 2024. The level of these take-or-pay liabilities will be reduced at a per ton rate as such rail and export terminal services are utilized against the required minimum tonnage amounts over the contracts term stipulated in such rail and export terminal contracts.

*Litigation*—From time to time, the Company may be subject to various litigation and other claims in the normal course of business. No amounts have been accrued in the consolidated financial statements with respect to any matters.

On November 5, 2018, one of three raw coal storage silos that fed our Elk Creek plant experienced a partial structural failure. A temporary conveying system completed in late-November 2018 restored approximately 80% of the plant capacity. We completed a permanent belt workaround and restored the preparation plant to its full processing capacity in mid-2019. Our insurance carrier, Federal Insurance Company, disputed our claim for coverage based on certain exclusions to the applicable policy, and, therefore, on August 21, 2019, we filed suit against Federal Insurance Company and Chubb INA Holdings, Inc. in Logan County Circuit Court in West Virginia seeking a declaratory judgment that the partial silo collapse was an insurable event and required coverage under our policy. Defendants removed the case to the United States District Court for the Southern District of West Virginia, and upon removal, we substituted ACE American Insurance Company as a defendant in place of Chubb INA Holdings, Inc.

The case went to trial beginning on June 29, 2021. On July 15, 2021, the jury returned a verdict in favor of the Company for \$7.7 million in compensatory damages and on July 16, 2021, made an additional award of \$25.0 million for inconvenience and aggravation. Additionally, the Company is seeking to recover its attorney’s fees and costs. This verdict is not final and may be subject to post-trial motions or appeal. We have, therefore, not recognized any gain related to this verdict as of September 30, 2021.

**NOTE 9—REVENUE**

Our revenue is derived from contracts for the sale of coal which is recognized at the point in time control is transferred to our customer. Generally, domestic sales contracts have terms of about one year and the pricing is typically fixed. Export sales have spot or term contracts and pricing can either be by fixed-price or a price derived against index-based pricing mechanisms. Sales completed with delivery to an export terminal are reported as export revenue. Disaggregated information about our revenue is presented below:

<i>(In thousands)</i>	<u>Three months ended September 30,</u>		<u>Nine months ended September 30,</u>	
	<u>2021</u>	<u>2020</u>	<u>2021</u>	<u>2020</u>
Coal Sales				
North American revenues	\$ 47,954	\$ 27,284	\$ 105,611	\$ 89,795
Export revenues, excluding Canada	28,423	12,175	90,278	27,974
Total revenues	<u>\$ 76,377</u>	<u>\$ 39,459</u>	<u>\$ 195,889</u>	<u>\$ 117,769</u>

At September 30, 2021, we had outstanding performance obligations for the remainder of 2021 of approximately 0.5 million tons for contracts with fixed sales prices averaging \$84/ton and 0.1 million tons for contracts with index-based pricing mechanisms.

**NOTE 10—INCOME TAXES**

Income tax provisions for interim quarterly periods are generally based on an estimated annual effective income tax rate calculated separately from the effect of significant, infrequent or unusual items related specifically to interim periods. The income tax impact of discrete items are recognized in the period these occur.

The following table summarizes income tax expense, including the impact of discrete items, for each period presented:

<i>(In thousands)</i>	<b>Three months ended September 30,</b>		<b>Nine months ended September 30,</b>	
	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>
Deferred income tax expense (benefit)	\$ 1,817	\$ (1,407)	\$ 3,046	\$ (473)
Discrete items:				
State income taxes - West Virginia	(229)	—	(1,615)	—
Stock-based compensation	—	—	219	435
<b>Total income tax expense (benefit)</b>	<b>\$ 1,588</b>	<b>\$ (1,407)</b>	<b>\$ 1,650</b>	<b>\$ (38)</b>

Discrete items include the impact of legislative changes in Virginia and West Virginia and tax expense for the excess of book expense over the tax deduction for vested restricted stock awards. Excluding these discrete items, our effective tax rate for the three months ended September 30, 2021 and 2020 was 21% and 23%, respectively. Similarly, our effective tax rate for the nine months ended September 30, 2021 and 2020 was 13% and 19%, respectively. The primary difference from the federal statutory rate of 21% in each period is related to state taxes, permanent differences for non-deductible expenses and depletion expense for income tax purposes.

#### NOTE 11—EARNINGS (LOSS) PER SHARE

The following is the computation of basic and diluted EPS:

<i>(In thousands, except per share amounts)</i>	<b>Three months ended September 30,</b>		<b>Nine months ended September 30,</b>	
	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>
<b>Numerator</b>				
Net income (loss)	\$ 7,035	\$ (4,776)	\$ 21,120	\$ (162)
<b>Denominator</b>				
Weighted average shares used to compute basic earnings (loss) per share	44,109	42,647	43,915	42,373
Dilutive effect of stock-based awards	356	—	81	—
Weighted average shares used to compute diluted earnings (loss) per share	44,465	42,647	43,996	42,373
<b>Earnings (loss) per share</b>				
Basic	\$ 0.16	\$ (0.11)	\$ 0.48	\$ (0.00)
Diluted	\$ 0.16	\$ (0.11)	\$ 0.48	\$ (0.00)

Diluted earnings (loss) per share in each of the three and nine month periods ended September 30, 2020 excludes 937,424 options to purchase our common stock because their effect would be anti-dilutive.

#### NOTE 12—RELATED PARTY TRANSACTIONS

*Mineral Lease and Surface Rights Agreements*—Much of the coal reserves and surface rights that we control were acquired through a series of mineral leases and surface rights agreements with Ramaco Coal, LLC ("Ramaco Coal"), a related party. Production royalty payables totaling \$0.6 million and \$0.4 million at September 30, 2021 and December 31, 2020, respectively, were included in accounts payable in the consolidated balance sheets. Royalties paid to Ramaco Coal in the three and nine months ended September 30, 2021 totaled \$1.3 million and \$3.9 million, respectively. In the three and nine months ended September 30, 2020, royalties paid to Ramaco Coal totaled \$1.0 million and \$3.3 million, respectively.

*On-going Administrative Services*—Under a Mutual Services Agreement dated December 22, 2017 but effective as of March 31, 2017, the Company and Ramaco Coal agreed to share the services of certain of each company's employees. Each party will pay the other a fee on a quarterly basis for such services calculated as the annual base salary of each employee providing services multiplied by the percentage of time each employee spent providing services for the other party. The services will be provided for 12-month terms, but may be terminated by either party at the end of any 12-month term by providing written notice at least 30 days prior to the end of the then-current term. Charges to Ramaco Coal were \$40 thousand and \$79 thousand, respectively, for the three and nine months ended

September 30, 2021. For the three and nine month periods ended September 30, 2020, charges to Ramaco Coal were \$16 thousand and \$31 thousand, respectively.

**NOTE 13—SUBSEQUENT EVENTS**

*2022 Domestic Sales Contracts*—On October 26, 2021, Ramaco announced that it has completed 2022 sales negotiations to its North American steel customers. We have now contracted to sell 1.67 million tons of both low volatile and high volatile coal at an overall average price of roughly \$196 per short ton FOB mine. These completed domestic sales represent approximately 54% of Ramaco's projected 2022 production of 3.1 million tons.

*Coronado Asset Purchase Agreement*—On October 26, 2021, the Company entered into an Asset Purchase Agreement (the "Purchase Agreement") with Coronado IV LLC, Buchanan Minerals, LLC and Buchanan Mining Company, LLC (collectively, the "Sellers"), pursuant to which the Company will purchase certain assets from Sellers for an aggregate cash purchase price of \$30 million (the "Acquisition"). The closing of the transactions contemplated by the Purchase Agreement is subject to customary closing conditions. The Purchase Agreement contains representations, warranties and covenants from the Company that are customary for transactions of this type. The Acquisition is expected to close in mid-November 2021.

*Dividend Initiation Authorization*—On October 26, 2021, we announced that our Board of Directors (the "Board") authorized the initiation of a regular quarterly dividend to be paid beginning in the first quarter of 2022. The amount of the dividend and timing of both the record date and payment date will be set at the Company's Board meeting to be held in early December of 2021.

*Amendment of Revolving Credit Facility and Term Loan* —On October 29, 2021, the Company entered into an Amended and Restated Credit and Security Agreement ("the Credit Agreement Amendment") with KeyBank, pursuant to which KeyBank agreed to increase the Company's revolving line of credit under the Credit Agreement by \$10 million to an aggregate of \$40 million, of which no amounts were outstanding immediately prior to entering into the Credit Agreement Amendment. The Credit Agreement Amendment also extended the maturity date of the Revolving Credit Facility to December 31, 2024.

\* \* \* \* \*



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

*The following discussion and analysis of our financial condition and results of operations should be read in conjunction with the "Management's Discussion and Analysis of Financial Condition and Results of Operations" contained in our Annual Report, as well as the financial statements and related notes appearing elsewhere in this Quarterly Report. The following discussion contains forward-looking statements that reflect our future plans, estimates, beliefs and expected performance. The forward-looking statements are dependent upon events, risks and uncertainties that may be outside our control. We caution you that our actual results could differ materially from those discussed in these forward-looking statements. Factors that could cause or contribute to such differences are discussed elsewhere in this Quarterly Report, particularly in the "Cautionary Note Regarding Forward-Looking Statements" and in our Annual Report under the heading "Item 1A. Risk Factors," all of which are difficult to predict. In light of these risks, uncertainties and assumptions, the forward-looking events discussed may not occur. We do not undertake any obligation to publicly update any forward-looking statements except as otherwise required by applicable law.*

### **Overview**

Our primary source of revenue is the sale of metallurgical coal. As of September 30, 2021, we had a 261 million ton reserve base of high-quality metallurgical coal and a development portfolio including four primary properties. Our plan is to complete development of our existing properties and grow production to approximately 5 million clean tons of metallurgical coal, subject to market conditions, permitting and additional capital deployment. We may make acquisitions of reserves or infrastructure that continue our focus on advantaged geology and lower costs.

The overall outlook of the metallurgical coal business is dependent on a variety of factors such as pricing, regulatory uncertainties and global economic conditions. Coal consumption and production in the U.S. have been driven in recent periods by several market dynamics and trends, such as the global economy, a strong U.S. dollar and accelerating production cuts.

During the third quarter of 2021, we sold 0.6 million tons of coal. Of this, 75% was sold in North American markets and 25% was sold in export markets, excluding Canada, principally to Europe, South America, Asia and Africa. During the third quarter of 2020, 69% of our sales were sold in North American markets, with the remaining 31% being sold into the export markets, excluding Canada.

At September 30, 2021, we had outstanding performance obligations for the remainder of 2021 of approximately 0.5 million tons for contracts with fixed sales prices averaging \$84/ton and 0.1 million tons for contracts with index-based pricing mechanisms.

The Company was adversely affected by the deterioration and increased uncertainty in the macroeconomic outlook as a result of the impact of COVID-19. After the initial outbreak, we observed a declining demand for, and declines in the spot price of metallurgical coal as business and consumer activity decelerated across the globe. Throughout 2021, we are seeing increases in demand from our primary customers, as the global economic recovery began. U.S. steel prices have also increased significantly due to this recovery and the effects from large-scale government stimulus measures.

We continue to actively monitor the situation and may take further actions altering our business operations that we determine are in the best interests of our employees, customers, suppliers, and stakeholders, or as required by federal, state, or local authorities.

### **Recent Developments**

**2022 Domestic Sales Contracts**—On October 26, 2021, Ramaco announced that it has completed 2022 sales negotiations to its North American steel customers. We have now contracted to sell 1.67 million tons of both low volatile and high volatile coal at an overall average price of roughly \$196 per short ton FOB mine. These completed domestic sales represent approximately 54% of Ramaco's projected 2022 production of 3.1 million tons.

*Coronado Asset Purchase Agreement*—On October 26, 2021, the Company entered into the Purchase Agreement with the Sellers, pursuant to which the Company will purchase certain assets from Sellers for an aggregate cash purchase price of \$30 million. The closing of the transactions contemplated by the Purchase Agreement is subject to customary closing conditions. The Purchase Agreement contains representations, warranties and covenants from the Company that are customary for transactions of this type. The Acquisition is expected to close in mid-November 2021.

*Dividend Initiation Authorization*—On October 26, 2021, we announced that our Board of Directors (the "Board") authorized the initiation of a regular quarterly dividend to be paid beginning in the first quarter of 2022. The amount of the dividend and timing of both the record date and payment date will be set at the Company's Board meeting to be held in early December of 2021.

*Amendment of Revolving Credit Facility and Term Loan*—On October 29, 2021, the Company entered into an Amended and Restated Credit and Security Agreement ("the Credit Agreement Amendment") with KeyBank, pursuant to which KeyBank agreed to increase the Company's revolving line of credit under the Credit Agreement by \$10 million to an aggregate of \$40 million, of which no amounts were outstanding immediately prior to entering into the Credit Agreement Amendment. The Credit Agreement Amendment also extended the maturity date of the Revolving Credit Facility to December 31, 2024.

## Results of Operations

(In thousands)	Three months ended September 30,		Nine months ended September 30,	
	2021	2020	2021	2020
Consolidated statement of operations data (unaudited)				
Revenue	\$ 76,377	\$ 39,459	\$ 195,889	\$ 117,769
Costs and expenses				
Cost of sales (exclusive of items shown separately below)	54,808	35,689	143,768	96,758
Asset retirement obligations accretion	156	128	461	428
Depreciation and amortization	6,751	5,258	18,861	15,601
Selling, general and administrative	5,895	5,966	15,767	15,723
Total costs and expenses	67,610	47,041	178,857	128,510
Operating income (loss)	8,767	(7,582)	17,032	(10,741)
Other income	789	1,743	7,156	11,456
Interest expense, net	(933)	(344)	(1,418)	(915)
Income (loss) before tax	8,623	(6,183)	22,770	(200)
Income tax expense (benefit)	1,588	(1,407)	1,650	(38)
Net income (loss)	\$ 7,035	\$ (4,776)	\$ 21,120	\$ (162)
Adjusted EBITDA	\$ 17,805	\$ 637	\$ 47,429	\$ 19,863

In each of the three and nine month periods ended September 30, 2021, our net income and Adjusted EBITDA were significantly higher compared to the same periods in 2020. Sales volumes were 45% higher during the nine months ended September 30, 2021 than the same period during 2020, which was primarily a result of the effects of COVID-19. In the first nine months of 2021, we recognized a total of \$5.4 million in other income for the CARES Act Employee Retention Tax Credit. The Company does not expect to qualify for the CARES Act Employee Retention Tax Credit in the fourth quarter of 2021. In the first nine months of 2020, we recognized \$8.4 million in other income for the anticipated forgiveness of the PPP Loan.

*Three Months Ended September 30, 2021 Compared to Three Months Ended September 30, 2020*

*Revenue.* Our revenue includes sales to customers of Company produced coal and coal purchased from third parties. We include amounts billed by us for transportation to our customers within revenue and transportation costs incurred within cost of sales. Revenue per ton sold (FOB mine) and cash cost per ton sold (FOB mine) each exclude the impact of transportation billings and costs.

Coal sales information is summarized as follows:

<i>(In thousands)</i>	<b>Three months ended September 30,</b>		
	<b>2021</b>	<b>2020</b>	<b>Increase (Decrease)</b>
<b>Company Produced</b>			
Coal sales revenue	\$ 75,207	\$ 39,459	\$ 35,748
Tons sold	637	430	207
<b>Purchased from Third Parties</b>			
Coal sales revenue	\$ 1,170	\$ —	\$ 1,170
Tons sold	7	—	7

Coal sales revenue in the third quarter of 2021 was \$76.4 million, 94% higher than in the third quarter of 2020 primarily due to increased tons sold in the third quarter of 2021 and increased revenue per tons sold (FOB Mine). Revenue per ton sold (FOB mine) increased 35% from \$78/ton in the third quarter of 2020 to \$105/ton in the third quarter of 2021. We sold 644 thousand tons of coal in the third quarter of 2021, a 50% increase over the same period of 2020. We benefited from improved spot and index pricing for metallurgical coal in 2021. Additionally, favorable conditions in the steel and metallurgical markets contributed to an increased demand for metallurgical coal. We expect these conditions to continue in the next quarter.

*Cost of sales.* Our cost of sales totaled \$54.8 million for the three months ended September 30, 2021 as compared with \$35.7 million for the same period in 2020 due to significantly higher tons sold. The cash cost per ton sold (FOB mine) for the third quarter of 2021 was \$72/ton, compared with \$69/ton in the third quarter of 2020. Our cash cost per ton sold in the 2021 period was primarily due to higher sales-related costs directly associated with higher revenue per ton sold in 2021. Our cash cost per ton sold (FOB mine) of company produced tons for the third quarter of 2021 was \$71/ton, compared with \$69/ton in the third quarter of 2020.

*Asset retirement obligation accretion.* Asset retirement obligation accretion was \$0.2 million for the three months ended September 30, 2021 and \$0.1 million for the three months ended September 30, 2020.

*Depreciation and amortization.* Depreciation and amortization expense was \$6.8 million and \$5.3 million for the periods ended September 30, 2021 and September 30, 2020, respectively, primarily due to higher production volumes in the third quarter of 2021.

*Selling, general and administrative.* Selling, general and administrative expenses were \$5.9 million for the three months ended September 30, 2021 and \$6.0 million for the three months ended September 30, 2020.

*Other income.* Other income was \$0.8 million for the three months ended September 30, 2021. For the three months ended September 30, 2020, other income was \$1.7 million which includes \$1.1 million for the PPP Loan forgiveness.

*Interest expense, net.* Interest expense, net was approximately \$0.9 million during the three months ended September 30, 2021. Interest expense, net was approximately \$0.3 million in the three months ended September 30, 2020. Interest expense, net was higher from the prior period primarily due to the issuance of the Notes in July 2021.

*Income tax expense.* During the three months ended September 30, 2021, we recognized a tax benefit of \$0.2 million for legislative changes in Virginia and West Virginia. The effective tax rate for the three months ended September 30, 2021, excluding discrete items, was 21%. The effective tax rate for the three months ended September 30, 2020, excluding

discrete items, was 23%. The primary difference from the federal statutory rate of 21% is related to state taxes, permanent differences for non-deductible expenses and the difference in depletion expense between U.S. GAAP and federal income tax purposes.

Cash taxes paid for 2021 are expected to be less than \$25 thousand.

*Nine Months Ended September 30, 2021 Compared to Nine Months Ended September 30, 2020*

*Revenue.* Coal sales information is summarized as follows:

<i>(In thousands)</i>	<b>Nine months ended September 30,</b>		
	<b>2021</b>	<b>2020</b>	<b>Increase (Decrease)</b>
<b>Company Produced</b>			
Coal sales revenue	\$ 190,211	\$ 117,769	\$ 72,442
Tons sold	1,707	1,208	499
<b>Purchased from Third Parties</b>			
Coal sales revenue	\$ 5,678	\$ —	\$ 5,678
Tons sold	44	—	44

Coal sales revenue in the nine months ended September 30, 2021 was \$195.9 million, 66% higher than in the same period of 2020 primarily due to increased tons sold in the third quarter of 2021 and increased revenues per ton sold (FOB mine). Revenue per ton sold (FOB mine) increased 13% from \$87/ton in the nine months ended September 30, 2020 to \$98/ton in the same period of 2021. We sold 1.8 million tons of coal in the nine month period ended September 30, 2021, a 45% increase over the same period of 2020.

*Cost of sales.* Our cost of sales totaled \$143.8 million for the nine months ended September 30, 2021 as compared with \$96.8 million for the same period in 2020 due to significantly higher tons sold. The cash cost per ton sold (FOB mine) for the first nine months of 2021 was \$68/ton, compared with \$70/ton in the same period of 2020. Improvement in our cash cost per ton sold in the nine months ended September 30, 2021 was primarily due to higher production volumes which better leveraged our fixed costs. Our cash cost per ton sold (FOB mine) of company produced tons for the nine months ended September 30, 2021 was \$67/ton, compared with \$70/ton in the nine months ended September 30, 2020.

*Asset retirement obligation accretion.* Asset retirement obligation accretion was \$0.5 million for the nine months ended September 30, 2021 and \$0.4 million for the nine months ended September 30, 2020.

*Depreciation and amortization.* Depreciation and amortization expense was \$18.9 million and \$15.6 million for the periods ended September 30, 2021 and September 30, 2020, respectively, primarily due to higher production volumes in the first nine months of 2021 and depreciation on capital equipment placed in service.

*Selling, general and administrative.* Selling, general and administrative expenses were \$15.8 million for the nine months ended September 30, 2021 and \$15.7 million for the nine months ended September 30, 2020.

*Other income.* Other income was \$7.2 million for the nine months ended September 30, 2021 primarily due to the recognition of \$5.4 million for the CARES Act Employee Retention Tax Credit. For the nine months ended September 30, 2020, other income was \$11.5 million, which includes recognition of \$8.4 million for the anticipated forgiveness of the PPP Loan.

*Interest expense, net.* Interest expense, net was approximately \$1.4 million in the nine month period ended September 30, 2021 and \$0.9 million for the same period in 2020.

*Income tax expense.* During the nine months ended September 30, 2021, we recognized a tax benefit of \$1.6 million for legislative changes in Virginia and West Virginia and tax expense of \$0.2 million for the excess of book expense over the tax deduction for vested restricted stock awards. The effective tax rate for the nine months ended September 30,

2021, excluding discrete items, was 13% as compared with 19% in the comparable period of 2020. The primary difference from the federal statutory rate of 21% is related to state taxes, permanent differences for non-deductible expenses and the difference in depletion expense between U.S. GAAP and federal income tax purposes.

Cash taxes paid for 2021 are expected to be less than \$25 thousand.

## Liquidity and Capital Resources

At September 30, 2021, we had \$46.7 million of cash and cash equivalents and \$27.1 million available under our existing credit agreements for future borrowings.

### *Significant sources and uses of cash during the first nine months of 2021*

#### Sources of cash:

- Cash flows from operating activities were \$37.8 million. This included a negative impact from the primary components of our working capital (accounts receivables, inventories and accounts payable) of a net \$11.7 million, primarily associated with an increase of accounts receivable and accounts payable, and an increase in our inventories.

#### Uses of cash:

- Capital expenditures were \$17.6 million, which were primarily for development of the Berwind mining complex and the Big Creek surface mine and for infrastructure at our Elk Creek mining complex.
- We made net borrowings of \$23.3 million primarily due to the closing of our senior unsecured notes in early July 2021 and management of our normal operating cash position.

At September 30, 2021, we also had \$1.0 million of restricted cash balances, classified in other current assets in the condensed consolidated balance sheets, for potential future workers' compensation claims.

### *Future sources and uses of cash*

Our primary use of cash includes capital expenditures for mine development and for ongoing operating expenses. We expect to fund our capital and liquidity requirements with cash on hand, anticipated cash flows from operations and borrowings discussed in more detail below. We believe that current cash on hand, cash flow from operations and available liquidity under our existing credit agreements will be sufficient to meet our capital expenditure and operating plans.

Additional factors that could adversely impact our future liquidity and ability to carry out our capital expenditure program include:

- Timely delivery of our product by rail and other transportation carriers;
- Late payments of accounts receivable by our customers;
- Cost overruns in our purchases of equipment needed to complete our mine development plans;
- Delays in completion of development of our various mines, processing plants and refuse disposal facilities, which would reduce the coal we would have available to sell and our cash flow from operations; and
- Adverse changes in the metallurgical coal markets that would reduce the expected cash flow from operations.

If future cash flows are insufficient to meet our liquidity needs or capital requirements, we may reduce our expected level of capital expenditures and/or fund a portion of our capital expenditures through the issuance of debt or equity securities, the entry into debt arrangements or from other sources, such as asset sales.

### *Indebtedness*

*Revolving Credit Facility and Term Loan*—On November 2, 2018, we entered into the Credit Agreement with KeyBank. The Credit Agreement was amended on February 20, 2020 and on March 19, 2021, and consists of Term Loan

and the Revolving Credit Facility. All personal property assets, including, but not limited to accounts receivable, coal inventory and certain mining equipment are pledged to secure the Credit Agreement.

The Revolving Credit Facility has a maturity date of December 31, 2023 and bears interest based on LIBOR + 2.0% or Base Rate + 1.5%. Base Rate is the highest of (i) KeyBank's prime rate, (ii) Federal Funds Effective Rate + 0.5%, or (iii) LIBOR + 2.0%. Advances under the Revolving Credit Facility are made initially as base rate loans but may be converted to LIBOR rate loans at certain times at our discretion. At September 30, 2021, there was no amount outstanding under the Revolving Credit Facility and we had remaining availability of \$27.1 million.

The Term Loan is secured under a Master Security Agreement with a pledge of certain underground and surface mining equipment, bears interest at LIBOR + 5.15% and is required to be repaid in monthly installments of \$278 thousand including accrued interest. The outstanding principal balance under the Term Loan was \$4.2 million at September 30, 2021.

The Credit Agreement contains usual and customary covenants including limitations on liens, additional indebtedness, investments, restricted payments, asset sales, mergers, affiliate transactions and other customary limitations, as well as financial covenants. At September 30, 2021, we were in compliance with all debt covenants under the Credit Agreement.

*Key Equipment Finance Loan*—On April 16, 2020, we entered into an equipment loan with Key Equipment Finance, a division of KeyBank, as lender, in the principal amount of approximately \$4.7 million for the financing of existing underground and surface equipment (the "Equipment Loan"). The Equipment Loan bears interest at 7.45% per annum and is payable in 36 monthly installments of \$147 thousand. There is a 3% premium for prepayment of the note within the first 12 months. This premium declines by 1% during each successive 12-month period. The outstanding principal balance under the Equipment Loan was \$2.6 million at September 30, 2021.

*9.00% Senior Unsecured Notes due 2026*—On July 13, 2021, we completed an offering of \$34.5 million, in the aggregate, of the Company's 9.00% Senior Unsecured Notes due 2026 (the "Notes"), less \$2.4 million for note offering costs. The Notes mature on July 30, 2026, unless redeemed prior to maturity. The Notes bear interest at a rate of 9.00% per annum, payable quarterly in arrears on the 30th day of January, April, July and October of each year, commencing on July 30, 2021. We may redeem the Notes in whole or in part, at our option, at any time on or after July 30, 2023, or upon certain change of control events, at a redemption price equal to 100% of the principal amount plus accrued and unpaid interest to, but not including, the date of redemption. The outstanding principal balance under the Notes was \$34.5 million at September 30, 2021.

*J. H. Fletcher & Co. Loan*—On July 23, 2021, we entered into an equipment loan with J. H. Fletcher & Co., as lender, in the principal amount of approximately \$1.0 million for the financing of underground equipment (the "Fletcher Equipment Loan"). The Fletcher Equipment Loan bears interest at 0% per annum and is payable in 24 monthly installments of \$40 thousand. The outstanding principal balance under the Fletcher Equipment Loan was approximately \$0.8 million at September 30, 2021.

*Komatsu Financial Limited Partnership Loan*—On August 16, 2021, we entered into an equipment loan with Komatsu Financial Limited Partnership, as lender, in the principal amount of approximately \$1.0 million for the financing of surface equipment (the "Komatsu Equipment Loan"). The Komatsu Equipment Loan bears interest at 4.6% per annum and is payable in 36 monthly installments of \$36 thousand for the first six months and then at \$28 thousand until maturity. The outstanding principal balance under the Komatsu Equipment Loan was approximately \$1.0 million at September 30, 2021.

*SBA Paycheck Protection Program Loan*—On April 20, 2020, we received proceeds from the PPP Loan in the amount of approximately \$8.4 million from KeyBank, as lender, pursuant to the PPP of the CARES Act. The purpose of the PPP is to encourage the continued employment of workers. We used all of the PPP Loan proceeds for eligible payroll expenses, lease, interest and utility payments.

On July 29, 2021, we were notified by KeyBank that full forgiveness had been approved by the SBA.

## Off-Balance Sheet Arrangements

At September 30, 2021, we had no material off-balance sheet arrangements.

## Non-GAAP Financial Measures

*Adjusted EBITDA* - Adjusted EBITDA is used as a supplemental non-GAAP financial measure by management and external users of our financial statements, such as industry analysts, investors, lenders and rating agencies. We believe Adjusted EBITDA is useful because it allows us to more effectively evaluate our operating performance.

We define Adjusted EBITDA as net income plus net interest expense, stock-based compensation, depreciation and amortization expenses and any transaction related costs. A reconciliation of net income to Adjusted EBITDA is included below. Adjusted EBITDA is not intended to serve as an alternative to U.S. GAAP measures of performance and may not be comparable to similarly-titled measures presented by other companies.

<i>(In thousands)</i>	<u>Three months ended September 30,</u>		<u>Nine months ended September 30,</u>	
	<u>2021</u>	<u>2020</u>	<u>2021</u>	<u>2020</u>
<b>Reconciliation of Net Income (Loss) to Adjusted EBITDA</b>				
Net income (loss)	\$ 7,035	\$ (4,776)	\$ 21,120	\$ (162)
Depreciation and amortization	6,751	5,258	18,861	15,601
Interest expense, net	933	344	1,418	915
Income tax expense (benefit)	1,588	(1,407)	1,650	(38)
EBITDA	16,307	(581)	43,049	16,316
Stock-based compensation	1,342	1,090	3,919	3,119
Accretion of asset retirement obligation	156	128	461	428
Adjusted EBITDA	<u>\$ 17,805</u>	<u>\$ 637</u>	<u>\$ 47,429</u>	<u>\$ 19,863</u>

*Non-GAAP revenue per ton* - Non-GAAP revenue per ton (FOB mine) is calculated as coal sales revenue less transportation costs, divided by tons sold. We believe revenue per ton (FOB mine) provides useful information to investors as it enables investors to compare revenue per ton we generate against similar measures made by other publicly-traded coal companies and more effectively monitor changes in coal prices from period to period excluding the impact of transportation costs which are beyond our control. The adjustments made to arrive at these measures are significant in understanding and assessing our financial condition. Revenue per ton sold (FOB mine) is not a measure of financial performance in accordance with U.S. GAAP and therefore should not be considered as an alternative to revenue under U.S. GAAP.

<i>(In thousands, except per ton amounts)</i>	<u>Three months ended September 30, 2021</u>			<u>Three months ended September 30, 2020</u>		
	<u>Company Produced</u>	<u>Purchased Coal</u>	<u>Total</u>	<u>Company Produced</u>	<u>Purchased Coal</u>	<u>Total</u>
Revenue	\$ 75,207	\$ 1,170	\$ 76,377	\$ 39,459	\$ —	\$ 39,459
Less: Adjustments to reconcile to Non-GAAP revenue (FOB mine)						
Transportation costs	(8,549)	(209)	(8,758)	(6,051)	—	(6,051)
Non-GAAP revenue (FOB mine)	\$ 66,658	\$ 961	\$ 67,619	\$ 33,408	\$ —	\$ 33,408
Tons sold	637	7	644	430	—	430
Revenue per ton sold (FOB mine)	\$ 105	\$ 138	\$ 105	\$ 78	\$ —	\$ 78



	<b>Nine months ended September 30, 2021</b>			<b>Nine months ended September 30, 2020</b>		
	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>
<i>(In thousands, except per ton amounts)</i>						
Revenue	\$ 190,211	\$ 5,678	\$ 195,889	\$ 117,769	\$ —	\$ 117,769
Less: Adjustments to reconcile to Non-GAAP revenue (FOB mine)						
Transportation costs	(23,624)	(1,180)	(24,804)	(12,611)	—	(12,611)
Non-GAAP revenue (FOB mine)	\$ 166,587	\$ 4,498	\$ 171,085	\$ 105,158	\$ —	\$ 105,158
Tons sold	1,707	44	1,751	1,208	—	1,208
Revenue per ton sold (FOB mine)	\$ 98	\$ 103	\$ 98	\$ 87	\$ —	\$ 87

*Non-GAAP cash cost per ton sold* - Non-GAAP cash cost per ton sold is calculated as cash cost of sales less transportation costs, divided by tons sold. We believe cash cost per ton sold provides useful information to investors as it enables investors to compare our cash cost per ton against similar measures made by other publicly-traded coal companies and more effectively monitor changes in coal cost from period to period excluding the impact of transportation costs which are beyond our control. The adjustments made to arrive at these measures are significant in understanding and assessing our financial condition. Cash cost per ton sold is not a measure of financial performance in accordance with U.S. GAAP and therefore should not be considered as an alternative to cost of sales under U.S. GAAP.

	<b>Three months ended September 30, 2021</b>			<b>Three months ended September 30, 2020</b>		
	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>
<i>(In thousands, except per ton amounts)</i>						
Cost of sales	\$ 53,928	\$ 880	\$ 54,808	\$ 35,689	\$ —	\$ 35,689
Less: Adjustments to reconcile to Non-GAAP cash cost of sales						
Transportation costs	(8,548)	(210)	(8,758)	(6,031)	—	(6,031)
Non-GAAP cash cost of sales	\$ 45,380	\$ 670	\$ 46,050	\$ 29,658	\$ —	\$ 29,658
Tons sold	637	7	644	430	—	430
Cash cost per ton sold	\$ 71	\$ 97	\$ 72	\$ 69	\$ —	\$ 69

	<b>Nine months ended September 30, 2021</b>			<b>Nine months ended September 30, 2020</b>		
	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>	<b>Company Produced</b>	<b>Purchased Coal</b>	<b>Total</b>
<i>(In thousands, except per ton amounts)</i>						
Cost of sales	\$ 138,863	\$ 4,905	\$ 143,768	\$ 96,758	\$ —	\$ 96,758
Less: Adjustments to reconcile to Non-GAAP cash cost of sales						
Transportation costs	(23,625)	(1,179)	(24,804)	(12,338)	—	(12,338)
Non-GAAP cash cost of sales	\$ 115,238	\$ 3,726	\$ 118,964	\$ 84,420	\$ —	\$ 84,420
Tons sold	1,707	44	1,751	1,208	—	1,208
Cash cost per ton sold	\$ 67	\$ 85	\$ 68	\$ 70	\$ —	\$ 70

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

Quantitative and qualitative disclosures about market risk are included in Item 7A, "Quantitative and Qualitative Disclosures about Market Risk," of our Annual Report.

### **Item 4. Controls and Procedures**

#### **Disclosure Controls and Procedures**

As required by Rule 13a-15(b) of the Exchange Act, we have evaluated, under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this quarterly report. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by us in reports that we file under the Exchange Act is accumulated and communicated to our management, including our principal executive officer and principal financial officer, as appropriate to allow timely decisions regarding required disclosure, and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based upon that evaluation, our principal executive officer and principal financial officer concluded that our disclosure controls and procedures were effective as of the end of the period covered by this quarterly report, at the reasonable assurance level.

#### **Changes in Internal Control over Financial Reporting**

We regularly review our system of internal control over financial reporting and make changes to our processes and systems to improve controls and increase efficiency, while ensuring that we maintain an effective internal control environment. Changes may include such activities as implementing new, more efficient systems, consolidating activities and migrating processes.

There were no significant changes in our system of internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) during the quarter ended September 30, 2021, 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

Due to the nature of our business, we may become, from time to time, involved in routine litigation or subject to disputes or claims related to our business activities. While the outcome of these proceedings cannot be predicted with certainty, in the opinion of our management, there are no pending litigation, disputes or claims against us which, if decided adversely, individually or in the aggregate, will have a material adverse effect on our financial condition, cash flows or results of operations. For a description of our legal proceedings, see Note 8 to the Condensed Consolidated Financial Statements included in Part I of this Quarterly Report.

### Item 1A. Risk Factors

In addition to the other information set forth in this Quarterly Report, you should carefully consider the risk factors and other cautionary statements described under the heading "Item 1A. Risk Factors" included in our Annual Report and the risk factors and other cautionary statements contained in our other SEC filings, which could materially affect our business, financial condition, cash flows or future results of operations.

Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition or future results. There have been no material changes in our risk factors from those described in our Annual Report.

### Item 4. Mine Safety Disclosures

The information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K is included in Exhibit 95.1 to this Quarterly Report.

**Item 6. Exhibits**

- 4.1 [Indenture dated as of July 13, 2021, between Ramaco Resources, Inc. and Wilmington Savings Fund Society, FSB, as trustee \(incorporated by reference to Exhibit 4.1 of the Company's Form 8-K filed on July 13, 2021\).](#)
  - 4.2 [First Supplemental Indenture dated as of July 13, 2021, between Ramaco Resources, Inc. and Wilmington Savings Fund Society, FSB, as trustee \(incorporated by reference to Exhibit 4.2 of the Company's Form 8-K filed on July 13, 2021\).](#)
  - 4.3 [Form of 9.00% Senior Note due 2026 \(incorporated by reference to Exhibit 4.2.1 of the Company's Form 8-K filed on July 13, 2021\).](#)
  - \*31.1 [Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002](#)
  - \*31.2 [Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002](#)
  - \*\*32.1 [Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002](#)
  - \*\*32.2 [Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002](#)
  - \*95.1 [Mine Safety Disclosure](#)
  - \*101.INS Inline XBRL Instance Document
  - \*101.SCH XBRL Taxonomy Extension Schema Document
  - \*101.CAL XBRL Taxonomy Extension Calculation Linkbase Document
  - \*101.DEF XBRL Taxonomy Extension Definition Linkbase Document
  - \*101.LAB XBRL Taxonomy Extension Labels Linkbase Document
  - \*101.PRE XBRL Taxonomy Extension Presentation Linkbase Document
  - 104 Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101)
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- \* Exhibit filed herewith.
- \*\* Furnished herewith. Pursuant to SEC Release No. 33-8212, this certification will be treated as "accompanying" this Quarterly Report and not "filed" as part of such report for purposes of Section 18 of the Exchange Act or otherwise subject to the liability under Section 18 of the Exchange Act, and this certification will not be deemed to be incorporated by reference into any filing under the Securities Act, except to the extent that the registrant specifically incorporates it by reference.

**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.

**RAMACO RESOURCES, INC.**

November 2, 2021

By: /s/ Randall W. Atkins  
Randall W. Atkins  
Chairman, Chief Executive Officer and Director  
(Principal Executive Officer)

November 2, 2021

By: /s/ Jeremy R. Sussman  
Jeremy R. Sussman  
Chief Financial Officer  
(Principal Financial Officer)

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER  
PURSUANT TO RULE 13A-14(A) AND RULE 15D-14(A)  
OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED**

I, Randall W. Atkins, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2021 of Ramaco Resources, Inc. (the "registrant");
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation;
  - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 2, 2021

/s/ **Randall W. Atkins**  
**Randall W. Atkins**  
**Chairman and Chief Executive Officer**

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**CERTIFICATION OF CHIEF FINANCIAL OFFICER  
PURSUANT TO RULE 13A-14(A) AND RULE 15D-14(A)  
OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED**

I, Jeremy R. Sussman, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2021 of Ramaco Resources, Inc. (the "registrant");
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation;
  - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 2, 2021

/s/ **Jeremy R. Sussman**  
**Jeremy R. Sussman**  
**Chief Financial Officer**

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**CERTIFICATION OF  
CHIEF EXECUTIVE OFFICER  
UNDER SECTION 906 OF THE  
SARBANES OXLEY ACT OF 2002, 18 U.S.C. § 1350**

In connection with the Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2021 of Ramaco Resources, Inc. (the "Company"), as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Randall W. Atkins, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to my knowledge:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: November 2, 2021

/s/ Randall W. Atkins  
**Randall W. Atkins**  
**Chairman and Chief Executive Officer**

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**CERTIFICATION OF  
CHIEF FINANCIAL OFFICER  
UNDER SECTION 906 OF THE  
SARBANES OXLEY ACT OF 2002, 18 U.S.C. § 1350**

In connection with the Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2021 of Ramaco Resources, Inc. (the "Company"), as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Jeremy R. Sussman, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to my knowledge:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: November 2, 2021

/s/ Jeremy R. Sussman  
**Jeremy R. Sussman**  
**Chief Financial Officer**

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### Federal Mine Safety and Health Act Information

We work to prevent accidents and occupational illnesses. We have in place health and safety programs that include extensive employee training, safety incentives, drug and alcohol testing and safety audits. The objectives of our health and safety programs are to provide a safe work environment, provide employees with proper training and equipment and implement safety and health rules, policies and programs that foster safety excellence.

Our mining operations are subject to extensive and stringent compliance standards established pursuant to the Federal Mine Safety and Health Act of 1977 (the "Mine Act"). MSHA monitors and rigorously enforces compliance with these standards, and our mining operations are inspected frequently. Citations and orders are issued by MSHA under Section 104 of the Mine Act for violations of the Mine Act or any mandatory health or safety standard, rule, order or regulation promulgated under the Mine Act.

The Dodd-Frank Wall Street Reform and Consumer Protection Act ("Dodd-Frank Act") requires issuers to include in periodic reports filed with the SEC certain information relating to citations or orders for violations of standards under the Mine Act. We present information below regarding certain mining safety and health violations, orders and citations, issued by MSHA and related assessments and legal actions and mine-related fatalities with respect to our coal mining operations. In evaluating this information, consideration should be given to factors such as: (i) the number of violations, orders and citations will vary depending on the size of the coal mine, (ii) the number of violations, orders and citations issued will vary from inspector to inspector and mine to mine, and (iii) violations, orders and citations can be contested and appealed, and in that process, are often reduced in severity and amount, and are sometimes dismissed.

The following tables include information required by the Dodd-Frank Act for the current quarter. The mine data retrieval system maintained by MSHA may show information that is different than what is provided herein. Any such difference may be attributed to the need to update that information on MSHA's system and/or other factors. The tables below do not include any orders or citations issued to independent contractors at our mines.

<i>Mine or Operating Name / MSHA Identification Number</i>	<i>Section 104(a) S&amp;S Citations<sup>(1)</sup></i>	<i>Section 104(b) Orders<sup>(2)</sup></i>	<i>Section 104(d) Citations and Orders<sup>(3)</sup></i>	<i>Section 110(b)(2) Violations<sup>(4)</sup></i>	<i>Section 107(a) Orders<sup>(5)</sup></i>	<i>Total Dollar Value of MSHA Assessments Proposed (in thousands)<sup>(6)</sup></i>
<b>Active Operations</b>						
Eagle Seam Deep Mine 46-09495	2	0	0	0	0	\$ 34.3
Coal Creek Prep Plant (VA) 44-05236	0	0	0	0	0	\$ 0
Elk Creek Prep Plant 46-02444	0	0	0	0	0	\$ 0
Stonecoal Branch Mine No. 2 46-08663	9	0	0	0	0	\$ 55.5
Ram Surface Mine No. 1 46-09537	3	0	0	0	0	\$ 3.6
Highwall Miner No. 1 46-09219	0	0	0	0	0	\$ 0
Berwind Deep Mine 46-09533	0	0	0	0	0	\$ 14.2
No. 2 Gas Deep Mine 46-09541	1	0	0	0	0	\$ 15.3
Tiller No.1 44-06804	0	0	0	0	0	\$ 0
Triad Poca 4 Seam Deep Mine 46-09591	1	0	0	0	0	\$ 0
Big Creek Surface Mine 44-07162	0	0	0	0	0	\$ 0

<i>Mine or Operating Name / MSHA Identification Number</i>	<i>Total Number of Mining Related Fatalities</i>	<i>Received Notice of Pattern of Violations Under Section 104(e) (yes/no)<sup>(7)</sup></i>	<i>Legal Actions Pending as of Last Day of Period</i>	<i>Legal Actions Initiated During Period</i>	<i>Legal Actions Resolved During Period</i>
<b>Active Operations</b>					
Eagle Seam Deep Mine 46-09495	0	No	21	15	12
Coal Creek Prep Plant (VA) 44-05236	0	No	0	0	0
Elk Creek Prep Plant 46-02444	0	No	0	0	0
Stonecoal Branch Mine No. 2 46-08663	0	No	32	19	22
Ram Surface Mine No. 1 46-09537	0	No	3	3	0
Highwall Miner No. 1 46-09219	0	No	0	0	0
Berwind Deep Mine 46-09533	0	No	6	6	21
No. 2 Gas 46-09541	0	No	6	6	0
Tiller No.1 44-06804	0	No	0	0	0
Triad Poca 4 Seam Deep Mine 46-09591	0	No	0	0	0
Big Creek Surface Mine 44-07162	0	No	0	0	0

The number of legal actions pending before the Federal Mine Safety and Health Review Commission as of September 30, 2021 that fall into each of the following categories is as follows:

<i>Mine or Operating Name / MSHA Identification Number</i>	<i>Contests of Citations and Orders</i>	<i>Contests of Proposed Penalties</i>	<i>Complaints for Compensation</i>	<i>Complaints of Discharge / Discrimination / Interference</i>	<i>Applications for Temporary Relief</i>	<i>Appeals of Judge's Ruling</i>
<b>Active Operations</b>						
Eagle Seam Deep Mine 46-09495	0	21	0	0	0	0
Coal Creek Prep Plant (VA) 44-05236	0	0	0	0	0	0
Elk Creek Prep Plant 46-02444	0	0	0	0	0	0
Stonecoal Branch Mine No. 2 46-08663	0	32	0	0	0	0
Ram Surface Mine No. 1 46-09537	0	3	0	0	0	0
Highwall Miner No. 1 46-09219	0	0	0	0	0	0
Berwind Deep Mine 46-09533	0	6	0	0	0	0
No. 2 Gas 46-09541	0	6	0	0	0	0
Tiller No.1 44-06804	0	0	0	0	0	0
Triad Poca 4 Seam Deep Mine 46-09591	0	0	0	0	0	0
Big Creek Surface Mine 44-07162	0	0	0	0	0	0

- (1) Mine Act section 104(a) S&S citations shown above are for alleged violations of mandatory health or safety standards that could significantly and substantially contribute to a coal mine health and safety hazard. It should be noted that, for purposes of this table, S&S citations that are included in another column, such as Section 104(d) citations, are not also included as Section 104(a) S&S citations in this column.
- (2) Mine Act section 104(b) orders are for alleged failures to totally abate a citation within the time period specified in the citation.
- (3) Mine Act section 104(d) citations and orders are for an alleged unwarrantable failure (i.e., aggravated conduct constituting more than ordinary negligence) to comply with mandatory health or safety standards.
- (4) Mine Act section 110(b)(2) violations are for an alleged "flagrant" failure (i.e., reckless or repeated) to make reasonable efforts to eliminate a known violation of a mandatory safety or health standard that substantially and proximately caused, or reasonably could have been expected to cause, death or serious bodily injury.
- (5) Mine Act section 107(a) orders are for alleged conditions or practices which could reasonably be expected to cause death or serious physical harm before such condition or practice can be abated and result in orders of immediate withdrawal from the area of the mine affected by the condition.
- (6) Amounts shown include assessments proposed by MSHA on all citations and orders, including those citations and orders that are not required to be included within the above chart.
- (7) Mine Act section 104(e) written notices are for an alleged pattern of violations of mandatory health or safety standards that could significantly and substantially contribute to a coal mine safety or health hazard.

