UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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 June 30, 2022

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: 1-12744

MARTIN MARIETTA MATERIALS, INC.

(Exact Name of Registrant as Specified in its Charter)

North Carolina	**56-1848578**
(State or other jurisdiction of incorporation or organization)	**(I.R.S. Employer Identification No.)**
4123 Parklake Avenue, Raleigh, NC	**27612**
(Address of principal executive offices)	**(Zip Code)**

Registrant's telephone number, including area code: (919) 781-4550

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock (Par Value $0.01)	MLM	NYSE

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 (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, 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	☒	Accelerated filer	☐
Non-accelerated filer	☐	Smaller reporting company	☐
Emerging growth company	☐		

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

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

Indicate the number of shares outstanding of each of the issuer's classes of Common Stock, as of the latest practicable date.

Class	Outstanding as of July 25, 2022
Common Stock, $0.01 par value	62,374,140

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements.

MARTIN MARIETTA MATERIALS, INC. AND CONSOLIDATED SUBSIDIARIES
(UNAUDITED) CONSOLIDATED BALANCE SHEETS

	June 30, 2022	December 31, 2021
	(In Millions, Except Par Value Data)	
ASSETS		
Current Assets:		
Cash and cash equivalents	$ 772.1	$ 258.4
Restricted cash	—	0.5
Accounts receivable, net	1,026.6	774.0
Inventories, net	835.2	752.6
Current assets held for sale	57.5	102.2
Other current assets	68.9	137.9
Total Current Assets	2,760.3	2,025.6
Property, plant and equipment	10,311.5	10,370.0
Allowances for depreciation, depletion and amortization	(4,147.2)	(4,032.0)
Net property, plant and equipment	6,164.3	6,338.0
Goodwill	3,400.5	3,494.4
Other intangibles, net	1,043.6	1,065.0
Operating lease right-of-use assets, net	402.3	426.7
Noncurrent assets held for sale	388.2	616.9
Other noncurrent assets	383.6	426.4
Total Assets	$ 14,542.8	$ 14,393.0
LIABILITIES AND EQUITY		
Current Liabilities:		
Accounts payable	$ 359.7	$ 356.2
Accrued salaries, benefits and payroll taxes	57.7	86.6
Accrued other taxes	106.5	58.4
Accrued interest	42.8	48.0
Operating lease liabilities	54.4	53.9
Current liabilities held for sale	5.2	7.5
Other current liabilities	135.1	142.0
Total Current Liabilities	761.4	752.6
Long-term debt	5,044.3	5,100.8
Deferred income taxes, net	852.8	895.3
Noncurrent operating lease liabilities	356.3	379.4
Noncurrent liabilities held for sale	29.1	53.5
Other noncurrent liabilities	726.8	673.8
Total Liabilities	7,770.7	7,855.4
Equity:		
Common stock, par value $0.01 per share (62.4 shares outstanding at June 30, 2022 and December 31, 2021)	0.6	0.6
Preferred stock, par value $0.01 per share	—	—
Additional paid-in capital	3,474.4	3,470.4
Accumulated other comprehensive loss	(128.1)	(97.6)
Retained earnings	3,423.1	3,161.9
Total Shareholders' Equity	6,770.0	6,535.3
Noncontrolling interests	2.1	2.3
Total Equity	6,772.1	6,537.6
Total Liabilities and Equity	$ 14,542.8	$ 14,393.0

See accompanying notes to the consolidated financial statements.

MARTIN MARIETTA MATERIALS, INC. AND CONSOLIDATED SUBSIDIARIES
(UNAUDITED) CONSOLIDATED STATEMENTS OF EARNINGS AND COMPREHENSIVE EARNINGS

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(In Millions, Except Per Share Data)			
Products and services revenues	$ 1,523.8	$ 1,295.3	$ 2,671.6	$ 2,217.2
Freight revenues	117.9	82.6	200.9	143.1
Total Revenues	1,641.7	1,377.9	2,872.5	2,360.3
Cost of revenues - products and services	1,095.6	910.0	2,087.5	1,656.0
Cost of revenues - freight	120.9	82.8	203.7	144.5
Total Cost of Revenues	1,216.5	992.8	2,291.2	1,800.5
Gross Profit	425.2	385.1	581.3	559.8
Selling, general & administrative expenses	104.1	82.4	201.2	162.2
Acquisition and integration expenses	2.9	9.3	4.3	10.6
Other operating income, net	(160.4)	(14.1)	(162.6)	(19.8)
Earnings from Operations	478.6	307.5	538.4	406.8
Interest expense	43.1	28.1	83.6	55.6
Other nonoperating income, net	(22.0)	(8.7)	(32.9)	(18.2)
Earnings from continuing operations before income tax expense	457.5	288.1	487.7	369.4
Income tax expense	104.4	62.3	110.2	78.1
Earnings from continuing operations	353.1	225.8	377.5	291.3
Earnings from discontinued operations, net of income tax expense	13.3	—	10.2	—
Consolidated net earnings	366.4	225.8	387.7	291.3
Less: Net (loss) earnings attributable to noncontrolling interests	(0.1)	—	(0.2)	0.2
Net Earnings Attributable to Martin Marietta Materials, Inc.	$ 366.5	$ 225.8	$ 387.9	$ 291.1
Consolidated Comprehensive Earnings (Loss):				
Earnings attributable to Martin Marietta Materials, Inc.	$ 367.7	$ 228.4	$ 357.4	$ 296.5
(Loss) Earnings attributable to noncontrolling interests	(0.1)	—	(0.2)	0.2
	$ 367.6	$ 228.4	$ 357.2	$ 296.7
Net Earnings Attributable to Martin Marietta Materials, Inc.				
Per Common Share:				
Basic from continuing operations attributable to common shareholders	$ 5.66	$ 3.62	$ 6.06	$ 4.66
Basic from discontinued operations attributable to common shareholders	0.21	—	0.16	$ —
	$ 5.87	$ 3.62	$ 6.22	$ 4.66
Diluted from continuing operations attributable to common shareholders	$ 5.65	$ 3.61	$ 6.04	$ 4.65
Diluted from discontinued operations attributable to common shareholders	0.21	—	0.16	$ —
	$ 5.86	$ 3.61	$ 6.20	$ 4.65
Weighted-Average Common Shares Outstanding:				
Basic	62.4	62.4	62.4	62.4
Diluted	62.5	62.5	62.6	62.5

See accompanying notes to the consolidated financial statements.

MARTIN MARIETTA MATERIALS, INC. AND CONSOLIDATED SUBSIDIARIES
(UNAUDITED) CONSOLIDATED STATEMENTS OF CASH FLOWS

	Six Months Ended June 30, 2022	Six Months Ended June 30, 2021
	(Dollars in Millions)	
Cash Flows from Operating Activities:		
Consolidated net earnings	$ 387.7	$ 291.3
Adjustments to reconcile consolidated net earnings to net cash provided by operating activities:		
Depreciation, depletion and amortization	256.6	206.5
Stock-based compensation expense	24.5	20.8
Gain on divestitures, sales of assets and extinguishment of debt	(173.9)	(19.2)
Deferred income taxes, net	(32.7)	3.4
Other items, net	(3.4)	(7.3)
Changes in operating assets and liabilities, net of effects of acquisitions and divestitures:		
Accounts receivable, net	(252.6)	(137.8)
Inventories, net	(79.5)	36.9
Accounts payable	68.5	54.7
Other assets and liabilities, net	91.0	(8.1)
Net Cash Provided by Operating Activities	286.2	441.2
Cash Flows from Investing Activities:		
Additions to property, plant and equipment	(220.7)	(213.0)
Acquisitions, net of cash acquired	11.0	(653.2)
Proceeds from divestitures and sales of assets	644.4	31.9
Investments in life insurance contracts, net	1.8	11.2
Other investing activities, net	(3.0)	—
Net Cash Provided by (Used for) Investing Activities	433.5	(823.1)
Cash Flows from Financing Activities:		
Borrowings of debt	—	400.0
Repayments of debt	(47.7)	(160.0)
Payments on finance lease obligations	(7.3)	(4.3)
Debt issuance costs	—	(0.3)
Distributions to owners of noncontrolling interest	—	(0.5)
Repurchases of common stock	(50.0)	—
Dividends paid	(77.0)	(71.8)
Proceeds from exercise of stock options	0.6	0.8
Shares withheld for employees' income tax obligations	(25.1)	(16.1)
Net Cash (Used for) Provided by Financing Activities	(206.5)	147.8
Net Increase (Decrease) in Cash, Cash Equivalents and Restricted Cash	513.2	(234.1)
Cash, Cash Equivalents and Restricted Cash, beginning of period	258.9	304.4
Cash, Cash Equivalents and Restricted Cash, end of period	$ 772.1	$ 70.3

See accompanying notes to the consolidated financial statements.

MARTIN MARIETTA MATERIALS, INC. AND CONSOLIDATED SUBSIDIARIES
(UNAUDITED) CONSOLIDATED STATEMENTS OF TOTAL EQUITY

(In Millions, Except Per Share Data)	Shares of Common Stock	Common Stock	Additional Paid-in Capital	Accumulated Other Comprehensive Loss	Retained Earnings	Total Shareholders' Equity	Noncontrolling Interests	Total Equity
Balance at March 31, 2022	62.4	$ 0.6	$ 3,462.6	$ (129.3)	$ 3,094.9	$ 6,428.8	$ 2.2	$ 6,431.0
Consolidated net earnings (loss)	—	—	—	—	366.5	366.5	(0.1)	366.4
Other comprehensive earnings, net of tax	—	—	—	1.2	—	1.2	—	1.2
Dividends declared ($0.61 per share)	—	—	—	—	(38.3)	(38.3)	—	(38.3)
Issuances of common stock for stock award plans	—	—	0.1	—	—	0.1	—	0.1
Shares withheld for employees' income tax obligations	—	—	(0.7)	—	—	(0.7)	—	(0.7)
Stock-based compensation expense	—	—	12.4	—	—	12.4	—	12.4
Balance at June 30, 2022	62.4	$ 0.6	$ 3,474.4	$ (128.1)	$ 3,423.1	$ 6,770.0	$ 2.1	$ 6,772.1
Balance at December 31, 2021	62.4	$ 0.6	$ 3,470.4	$ (97.6)	$ 3,161.9	$ 6,535.3	$ 2.3	$ 6,537.6
Consolidated net earnings (loss)	—	—	—	—	387.9	387.9	(0.2)	387.7
Other comprehensive loss, net of tax	—	—	—	(30.5)	—	(30.5)	—	(30.5)
Dividends declared ($1.22 per share)	—	—	—	—	(76.7)	(76.7)	—	(76.7)
Issuances of common stock for stock award plans	—	—	4.6	—	—	4.6	—	4.6
Shares withheld for employees' income tax obligations	—	—	(25.1)	—	—	(25.1)	—	(25.1)
Repurchases of common stock	—	—	—	—	(50.0)	(50.0)	—	(50.0)
Stock-based compensation expense	—	—	24.5	—		24.5		24.5
Balance at June 30, 2022	62.4	$ 0.6	$ 3,474.4	$ (128.1)	$ 3,423.1	$ 6,770.0	$ 2.1	$ 6,772.1

See accompanying notes to the consolidated financial statements.

MARTIN MARIETTA MATERIALS, INC. AND CONSOLIDATED SUBSIDIARIES
(UNAUDITED) CONSOLIDATED STATEMENTS OF TOTAL EQUITY (Continued)

(In Millions, Except Per Share Data)	Shares of Common Stock	Common Stock	Additional Paid-in Capital	Accumulated Other Comprehensive Loss	Retained Earnings	Total Shareholders' Equity	Noncontrolling Interests	Total Equity
Balance at March 31, 2021	62.4	$ 0.6	$ 3,441.7	$ (155.6)	$ 2,637.2	$ 5,923.9	$ 2.8	$ 5,926.7
Consolidated net earnings	—	—	—	—	225.8	225.8	—	225.8
Other comprehensive earnings, net of tax	—	—	—	2.6	—	2.6	—	2.6
Dividends declared ($0.57 per share)	—	—	—	—	(35.8)	(35.8)	—	(35.8)
Issuances of common stock for stock award plans	—	—	0.1	—	—	0.1	—	0.1
Shares withheld for employees' income tax obligations	—	—	(0.6)	—	—	(0.6)	—	(0.6)
Stock-based compensation expense	—	—	9.9	—	—	9.9	—	9.9
Distributions to owners of noncontrolling interest	—	—	—	—	—	—	(0.5)	(0.5)
Balance at June 30, 2021	62.4	$ 0.6	$ 3,451.1	$ (153.0)	$ 2,827.2	$ 6,125.9	$ 2.3	$ 6,128.2

(In Millions, Except Per Share Data)	Shares of Common Stock	Common Stock	Additional Paid-in Capital	Accumulated Other Comprehensive Loss	Retained Earnings	Total Shareholders' Equity	Noncontrolling Interests	Total Equity
Balance at December 31, 2020	62.3	$ 0.6	$ 3,440.8	$ (158.4)	$ 2,607.7	$ 5,890.7	$ 2.6	$ 5,893.3
Consolidated net earnings	—	—	—	—	291.1	291.1	0.2	291.3
Other comprehensive earnings, net of tax	—	—	—	5.4	—	5.4	—	5.4
Dividends declared ($1.14 per share)	—	—	—	—	(71.6)	(71.6)	—	(71.6)
Issuances of common stock for stock award plans	0.1	—	5.6	—	—	5.6	—	5.6
Shares withheld for employees' income tax obligations	—	—	(16.1)	—	—	(16.1)	—	(16.1)
Stock-based compensation expense	—	—	20.8	—	—	20.8	—	20.8
Distributions to owners of noncontrolling interest	—	—	—	—	—	—	(0.5)	(0.5)
Balance at June 30, 2021	62.4	$ 0.6	$ 3,451.1	$ (153.0)	$ 2,827.2	$ 6,125.9	$ 2.3	$ 6,128.2

See accompanying notes to the consolidated financial statements.

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. Significant Accounting Policies

Organization

Martin Marietta Materials, Inc. (the Company or Martin Marietta) is a natural resource-based building materials company. As of June 30, 2022, the Company supplies aggregates (crushed stone, sand and gravel) through its network of approximately 350 quarries, mines and distribution yards in 28 states, Canada and The Bahamas. Martin Marietta also provides cement and downstream products and services, namely, ready mixed concrete, asphalt and paving, in vertically-integrated structured markets where the Company has a leading aggregates position. In addition, the Company has one cement plant, cement distribution terminals and ready mixed concrete operations in California that are classified as assets held for sale and discontinued operations as of and for the six months ended June 30, 2022. The Company's heavy-side building materials are used in infrastructure, nonresidential and residential construction projects. Aggregates are also used in agricultural, utility and environmental applications and as railroad ballast. The aggregates, cement, ready mixed concrete, asphalt and paving product lines are reported collectively as the "Building Materials" business.

The Company's Building Materials business includes two reportable segments: the East Group and the West Group.

BUILDING MATERIALS BUSINESS

Reportable Segments	East Group	West Group
Operating Locations	Alabama, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Maryland, Minnesota, Missouri, Nebraska, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, Nova Scotia and The Bahamas	Arizona, Arkansas, California, Colorado, Louisiana, Oklahoma, Texas, Utah, Washington and Wyoming
Product Lines	Aggregates and Asphalt	Aggregates, Cement, Ready Mixed Concrete, Asphalt and Paving

The Company's Magnesia Specialties business, which represents a separate reportable segment, has manufacturing facilities in Manistee, Michigan, and Woodville, Ohio. The Magnesia Specialties business produces magnesia-based chemicals products used in industrial, agricultural and environmental applications, and dolomitic lime sold primarily to customers in the steel and mining industries.

Basis of Presentation

The accompanying unaudited consolidated financial statements of the Company have been prepared in accordance with accounting principles generally accepted in the United States (U.S. GAAP) for interim financial information and with the instructions to the Quarterly Report on Form 10-Q and in Article 10 of Regulation S-X. The Company has continued to follow the accounting policies set forth in the audited consolidated financial statements and related notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2021. In the opinion of management, the interim consolidated financial information provided herein reflects all adjustments, consisting of normal recurring accruals, necessary for a fair statement of the results of operations, financial position and cash flows for the interim periods. The consolidated results of operations for the three and six months ended June 30, 2022 are not necessarily indicative of the results expected for other interim periods or the full year. The consolidated balance sheet at December 31, 2021 has been derived from the audited consolidated financial statements at that date but does not include all of the information and notes required by U.S. GAAP for complete financial statements. These consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2021.

The preparation of the Company's consolidated financial statements requires management to make certain estimates and assumptions about future events. As future events and their effects cannot be fully determined with precision, actual results could differ significantly from estimates. Changes in estimates are reflected in the consolidated financial statements in the period in which the change in estimate occurs.

Consolidated Comprehensive Earnings (Loss) and Accumulated Other Comprehensive Loss

Consolidated comprehensive earnings (loss) and accumulated other comprehensive loss consist of consolidated net earnings; adjustments for the funded status of pension and postretirement benefit plans; and foreign currency translation adjustments; and are presented in the Company's consolidated statements of earnings and comprehensive earnings.

Comprehensive earnings (loss) attributable to Martin Marietta is as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Net earnings attributable to Martin Marietta	$ 366.5	$ 225.8	$ 387.9	$ 291.1
Other comprehensive earnings (loss), net of tax	1.2	2.6	(30.5)	5.4
Comprehensive earnings attributable to Martin Marietta	$ 367.7	$ 228.4	$ 357.4	$ 296.5

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

Changes in accumulated other comprehensive loss, net of tax, are as follows:

	(Dollars in Millions)		
	Pension and Postretirement Benefit Plans	Foreign Currency	Accumulated Other Comprehensive Loss
	Three Months Ended June 30, 2022		
Balance at beginning of period	$ (129.7)	$ 0.4	$ (129.3)
Other comprehensive earnings (loss) before reclassifications, net of tax	0.4	(0.9)	(0.5)
Amounts reclassified from accumulated other comprehensive loss, net of tax	1.7	—	1.7
Other comprehensive earnings (loss), net of tax	2.1	(0.9)	1.2
Balance at end of period	$ (127.6)	$ (0.5)	$ (128.1)
	Three Months Ended June 30, 2021		
Balance at beginning of period	$ (155.6)	$ —	$ (155.6)
Other comprehensive earnings before reclassifications, net of tax	—	0.5	0.5
Amounts reclassified from accumulated other comprehensive loss, net of tax	2.1	—	2.1
Other comprehensive earnings, net of tax	2.1	0.5	2.6
Balance at end of period	$ (153.5)	$ 0.5	$ (153.0)

	(Dollars in Millions)		
	Pension and Postretirement Benefit Plans	Foreign Currency	Accumulated Other Comprehensive Loss
	Six Months Ended June 30, 2022		
Balance at beginning of period	$ (97.6)	$ —	$ (97.6)
Other comprehensive loss before reclassifications, net of tax	(33.0)	(0.5)	(33.5)
Amounts reclassified from accumulated other comprehensive loss, net of tax	3.0	—	3.0
Other comprehensive loss, net of tax	(30.0)	(0.5)	(30.5)
Balance at end of period	$ (127.6)	$ (0.5)	$ (128.1)
	Six Months Ended June 30, 2021		
Balance at beginning of period	$ (158.1)	$ (0.3)	$ (158.4)
Other comprehensive earnings before reclassifications, net of tax	—	0.8	0.8
Amounts reclassified from accumulated other comprehensive loss, net of tax	4.6	—	4.6
Other comprehensive earnings, net of tax	4.6	0.8	5.4
Balance at end of period	$ (153.5)	$ 0.5	$ (153.0)

The $33.0 million, net of tax, other comprehensive loss before reclassifications in the Pension and Postretirement Benefit Plans for the six months ended June 30, 2022 is driven by the remeasurement of the funded status of the Company's qualified pension plan, required as a result of a plan amendment that provided an enhanced benefit for eligible hourly employees.

Changes in net noncurrent deferred tax assets related to accumulated other comprehensive loss are as follows:

	Pension and Postretirement Benefit Plans			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Balance at beginning of period	$ 80.2	$ 88.7	$ 69.7	$ 89.4
Tax effect of other comprehensive (earnings) loss	(0.7)	(0.8)	9.8	(1.5)
Balance at end of period	$ 79.5	$ 87.9	$ 79.5	$ 87.9

Reclassifications out of accumulated other comprehensive loss are as follows:

	Three Months Ended June 30,		Six Months Ended June 30,		Affected line items in the consolidated statements of earnings and comprehensive earnings
	2022	2021	2022	2021	
	(Dollars in Millions)				
Pension and postretirement benefit plans					
Amortization of:					
Prior service cost	$ 1.2	$ 0.1	$ 2.1	$ —	
Actuarial loss	1.1	2.8	1.9	6.1	
	2.3	2.9	4.0	6.1	Other nonoperating income, net
Tax benefit	(0.6)	(0.8)	(1.0)	(1.5)	Income tax expense
	$ 1.7	$ 2.1	$ 3.0	$ 4.6	

Earnings per Common Share

The numerator for basic and diluted earnings per common share is net earnings attributable to Martin Marietta reduced by dividends and undistributed earnings attributable to certain of the Company's stock-based compensation arrangements. If there is a net loss, no amount of the undistributed loss is attributed to unvested participating securities. The denominator for basic earnings per common share is the weighted-average number of common shares outstanding during the period. Diluted earnings per common share are computed assuming that the weighted-average number of common shares is increased by the conversion, using the treasury stock method, of awards to be issued to employees and nonemployee members of the Company's Board of Directors under certain stock-based compensation arrangements if the conversion is dilutive. For the three and six months ended June 30, 2022 and 2021, the diluted per-share computations reflect the number of common shares outstanding to include the number of additional shares that would have been outstanding if the potentially dilutive common shares had been issued.

The following table reconciles the numerator and denominator for basic and diluted earnings from continuing operations per common share:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(In Millions)			
Net earnings from continuing operations attributable to Martin Marietta	$ 353.2	$ 225.8	$ 377.7	$ 291.1
Less: Distributed and undistributed earnings attributable to unvested awards	—	0.2	—	0.2
Basic and diluted net earnings from continuing operations available to common shareholders attributable to Martin Marietta	$ 353.2	$ 225.6	$ 377.7	$ 290.9
Basic weighted-average common shares outstanding	62.4	62.4	62.4	62.4
Effect of dilutive employee and director awards	0.1	0.1	0.2	0.1
Diluted weighted-average common shares outstanding	62.5	62.5	62.6	62.5

Restricted Cash

At December 31, 2021, the Company had restricted cash of $0.5 million, which was invested in an account designated for the purchase of like-kind exchange replacement assets under Section 1031 of the Internal Revenue Code and related IRS procedures (Section 1031). The Company was restricted from utilizing the cash for purposes other than the purchase of the qualified assets for a designated period from receipt of the proceeds from the sale of the exchanged property. There was no restricted cash at June 30, 2022.

In connection with Accounting Standards Update 2016-18, *Statement of Cash Flows (Topic 230),* the statement of cash flows reflects cash flow changes and balances for cash, cash equivalents and restricted cash on an aggregated basis.

The following table reconciles cash, cash equivalents and restricted cash as reported on the consolidated balance sheets to the aggregated amounts presented on the consolidated statements of cash flows:

	June 30, 2022	December 31, 2021
	(Dollars in Millions)	
Cash and cash equivalents	$ 772.1	$ 258.4
Restricted cash	—	0.5
Total cash, cash equivalents and restricted cash presented in the consolidated statements of cash flows	$ 772.1	$ 258.9

2. Revenue Recognition

Total revenues include sales of products and services to customers, net of any discounts or allowances, and freight revenues. Product revenues are recognized when control of the promised good is transferred to the customer, typically when finished products are shipped. Intersegment and interproduct revenues are eliminated in consolidation. Service revenues are derived from the paving business and are recognized using the percentage-of-completion method under the cost-to-cost approach. Freight revenues reflect delivery arranged by the Company using a third party on behalf of the customer and are recognized consistently with the timing of the product revenues.

Performance Obligations. Performance obligations are contractual promises to transfer or provide a distinct good or service for a stated price. The Company's product sales agreements are single-performance obligations that are satisfied at a point in time. Performance obligations within paving service agreements are satisfied over time, primarily ranging from one day to two years. For product revenues and freight revenues, customer payment terms are generally 30 days from invoice date. Customer payments for the paving operations are based on a contractual billing schedule and are due 30 days from invoice date.

Future revenues from unsatisfied performance obligations at June 30, 2022 and 2021 were $322.5 million and $215.5 million, respectively, where the remaining periods to complete these obligations ranged from one month to 23 months and one month to 21 months, respectively.

Revenue by Category. The following table presents the Company's total revenues by category for each reportable segment.

	Three Months Ended June 30, 2022		
	Products and Services	Freight	Total
		(Dollars in Millions)	
East Group	$ 632.4	$ 42.1	$ 674.5
West Group	816.8	68.7	885.5
Total Building Materials business	1,449.2	110.8	1,560.0
Magnesia Specialties	74.6	7.1	81.7
Total	$ 1,523.8	$ 117.9	$ 1,641.7

	Three Months Ended June 30, 2021		
	Products and Services	Freight	Total
		(Dollars in Millions)	
East Group	$ 596.5	$ 38.8	$ 635.3
West Group	628.8	38.0	666.8
Total Building Materials business	1,225.3	76.8	1,302.1
Magnesia Specialties	70.0	5.8	75.8
Total	$ 1,295.3	$ 82.6	$ 1,377.9

Service revenues, which include paving services located in California and Colorado, were $95.0 million and $73.4 million for the three months ended June 30, 2022 and 2021, respectively, and are reported in the West Group.

	Six Months Ended June 30, 2022		
	Products and Services	Freight	Total
	(Dollars in Millions)		
East Group	$ 1,027.0	$ 66.3	$ 1,093.3
West Group	1,499.2	121.3	1,620.5
Total Building Materials business	2,526.2	187.6	2,713.8
Magnesia Specialties	145.4	13.3	158.7
Total	$ 2,671.6	$ 200.9	$ 2,872.5

	Six Months Ended June 30, 2021		
	Products and Services	Freight	Total
	(Dollars in Millions)		
East Group	$ 969.1	$ 61.1	$ 1,030.2
West Group	1,112.9	70.5	1,183.4
Total Building Materials business	2,082.0	131.6	2,213.6
Magnesia Specialties	135.2	11.5	146.7
Total	$ 2,217.2	$ 143.1	$ 2,360.3

Service revenues for the six months ended June 30, 2022 and 2021 were $113.3 million and $82.2 million, respectively.

Contract Balances. Costs in excess of billings relate to the conditional right to consideration for completed contractual performance and are contract assets on the consolidated balance sheets. Costs in excess of billings are reclassified to accounts receivable when the right to consideration becomes unconditional. Billings in excess of costs relate to customers invoiced in advance of contractual performance and are contract liabilities on the consolidated balance sheets. The following table presents information about the Company’s contract balances:

(Dollars in Millions)	June 30, 2022	December 31, 2021
Costs in excess of billings	$ 14.3	$ 4.3
Billings in excess of costs	$ 5.6	$ 7.8

Revenues recognized from the beginning balance of contract liabilities for the three months ended June 30, 2022 and 2021 were $4.5 million and $5.4 million, respectively, and for the six months ended June 30, 2022 and 2021 were $6.6 million and $9.4 million, respectively.

Retainage, which primarily relates to the paving services, represents amounts that have been billed to customers but payment withheld until final acceptance by the customer of the performance obligation. Retainage, which is included in other current assets on the Company’s consolidated balance sheets, was $10.6 million and $10.5 million at June 30, 2022 and December 31, 2021, respectively.

Policy Elections. When the Company arranges third-party freight to deliver products to customers, the Company has elected the delivery to be a fulfillment activity rather than a separate performance obligation. Further, the Company acts as a principal in the delivery arrangements and, as required by the accounting standard, the related revenues and costs are presented gross and are included in the consolidated statements of earnings.

3. Business Combinations, Divestitures and Discontinued Operations

Business Combinations

In October 2021, the Company completed the acquisition of Lehigh Hanson, Inc.'s West Region business (Lehigh West Region) for $2.26 billion. The acquisition was primarily financed using proceeds from the issuance of publicly traded debt. These operations provided a new upstream, materials-led growth platform across several of the nation's largest and fastest-growing megaregions in California and Arizona. The results from the acquired business are included in the Company's West Group.

The Company determined fair values of assets acquired and liabilities assumed. Although the initial accounting for the business combination has been recorded, these amounts are subject to change during the measurement period, which extends no longer than one year from the consummation date, based on additional reviews, such as asset verification. During the quarter ended June 30, 2022, the Company increased the assumed asset retirement obligations liability by $46.6 million, with goodwill increasing by a comparable amount. As of June 30, 2022, the measurement period remains open. Specific accounts subject to ongoing purchase accounting adjustments include, but are not limited to, property, plant and equipment; lease assets and liabilities; goodwill; intangible assets; asset retirement obligations; and other liabilities. Amortization of the goodwill generated by the transaction is deductible for income tax purposes.

The following is a summary of the preliminary estimated fair values of the assets acquired and liabilities assumed as of October 1, 2021 (dollars in millions):

Assets:		
Inventories	$	91.9
Property, plant and equipment		849.9
Intangible assets, other than goodwill		551.0
Goodwill		1,041.8
Other assets		54.6
Total assets		2,589.2
Liabilities:		
Asset retirement obligations		225.5
Operating and finance lease liabilities		57.5
Other liabilities		41.6
Total liabilities		324.6
Total consideration	$	2,264.6

In July 2021, the Company acquired assets of Southern Crushed Concrete (SCC) in the Houston area. SCC was a leading producer of recycled concrete, which is principally used as a base aggregates product in infrastructure, commercial and residential construction applications. Although the initial accounting for the business combination has been recorded, the fair values of accrued liabilities, goodwill and intangible assets are subject to change during the measurement period, which remains open as of June 30, 2022. Amortization of the goodwill generated by the transaction is deductible for income tax purposes. The results from the acquired business are included in the Company's West Group, but are immaterial for pro-forma financial statement disclosures.

In April 2021, the Company completed the acquisition of Tiller Corporation (Tiller), a leading aggregates and hot mix asphalt supplier in the Minneapolis/St. Paul area, which is one of the largest and fastest-growing midwestern metropolitan areas. The Tiller acquisition complemented the Company's existing product offerings in the surrounding areas. The Company determined fair values of the assets acquired and liabilities assumed, and the measurement period is closed as of June 30, 2022. Amortization of the goodwill generated by the transaction is deductible for income tax purposes. The results from the acquired business are included in the Company's East Group, but are immaterial for pro-forma financial statement disclosures.

Discontinued Operations

Discontinued operations include the cement and California ready-mixed concrete businesses acquired as part of the Lehigh West Region acquisition.

Discontinued operations include the following:

	Three Months Ended	Six Months Ended
	June 30, 2022	
	(Dollars in Millions)	
Total revenues	$ 111.7	$ 206.4
Pretax earnings from operations	$ 20.5	$ 16.4
Pretax loss on divestiture	(1.0)	(1.0)
Pretax earnings	$ 19.5	$ 15.4
Income tax expense	6.2	5.2
Earnings from discontinued operations, net of income tax expense	$ 13.3	$ 10.2

Total cash provided by operating and investing activities for the discontinued operations was $224.2 million, including $235.0 million of proceeds from divestitures and $13.2 million of cash used for capital expenditures, for the six months ended June 30, 2022. Non-cash items related to operating and investing activities for the discontinued operations were immaterial for the six months ended June 30, 2022.

Divestitures

On June 30, 2022, the Company completed the sale of the Redding, California cement plant, related cement distribution terminals and 14 California ready mix operations for $235 million in cash. In addition, the Company agreed to sell its interest, for $15 million, in a joint venture that operates a cement distribution terminal. The Company did not record any amortization or depreciation expense related to these businesses for the three and six months ended June 30, 2022, as these were previously classified as assets held for sale.

On April 1, 2022, the Company divested its Colorado and Central Texas ready-mixed concrete operations to Smyrna Ready Mix Concrete LLC. This opportunity optimized the Company's aggregates-led portfolio and improved its ability to generate more attractive margins over the long term by reducing both business cyclicality and exposure to raw material cost inflation. The transaction resulted in a pretax gain of $151.7 million, which is included in O*ther operating income, net*, and is inclusive of expenses incurred due to the divestiture. The divested operations and the gain on divestiture are all reported in the West Group.

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

Assets Held for Sale

Assets and liabilities held for sale as of June 30, 2022, include a cement plant in Tehachapi, California; cement distribution terminals; the California ready mixed concrete plants not sold as part of the aforementioned Redding transaction; and certain investment properties. At December 31, 2021 assets and liabilities held for sale also included the operations that were sold on June 30, 2022. Assets and liabilities held for sale as of June 30, 2022 and December 31, 2021 are as follows:

	June 30, 2022			December 31, 2021		
	Continuing Operations	Discontinued Operations	Total	Continuing Operations	Discontinued Operations	Total
	(Dollars in Millions)					
Inventories, net	$ —	$ 19.5	$ 19.5	$ —	$ 53.1	$ 53.1
Investment land	38.0	—	38.0	32.7	—	32.7
Other assets	—	—	—	—	16.4	16.4
Total current assets held for sale	$ 38.0	$ 19.5	$ 57.5	$ 32.7	$ 69.5	$ 102.2
Property, plant and equipment	$ —	$ 130.0	$ 130.0	$ —	$ 226.0	$ 226.0
Intangible assets, excluding goodwill	—	208.5	208.5	—	264.9	264.9
Operating lease right-of-use assets	—	14.0	14.0	—	18.1	18.1
Goodwill	—	35.7	35.7	—	109.3	109.3
Other assets	—	5.4	5.4	—	4.6	4.6
Valuation allowance for loss on sale	—	(5.4)	(5.4)	—	(6.0)	(6.0)
Total noncurrent assets held for sale	$ —	$ 388.2	$ 388.2	$ —	$ 616.9	$ 616.9
Lease obligations	$ —	$ (5.2)	$ (5.2)	$ —	$ (7.5)	$ (7.5)
Total current liabilities held for sale	$ —	$ (5.2)	$ (5.2)	$ —	$ (7.5)	$ (7.5)
Asset retirement obligations	$ —	$ (19.8)	$ (19.8)	$ —	$ (31.5)	$ (31.5)
Lease obligations	—	(8.5)	(8.5)	—	(22.0)	(22.0)
Other liabilities	—	(0.8)	(0.8)	—	—	—
Total noncurrent liabilities held for sale	$ —	$ (29.1)	$ (29.1)	$ —	$ (53.5)	$ (53.5)

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

4. Goodwill

The following table shows the changes in goodwill by reportable segment and in total:

	East Group	West Group	Total
		(Dollars in Millions)	
Balance at January 1, 2022	$ 759.4	$ 2,735.0	$ 3,494.4
Acquisitions	—	3.7	3.7
Adjustments to purchase price allocations	5.0	52.8	57.8
Divestitures	—	(159.7)	(159.7)
Goodwill reclassified from assets held for sale	—	4.3	4.3
Balance at June 30, 2022	$ 764.4	$ 2,636.1	$ 3,400.5

5. Inventories, Net

	June 30, 2022	December 31, 2021
	(Dollars in Millions)	
Finished products	$ 859.8	$ 713.3
Products in process	9.1	30.1
Raw materials	96.7	69.6
Supplies and expendable parts	139.6	153.9
	1,105.2	966.9
Less: Allowances	(270.0)	(214.3)
Total	$ 835.2	$ 752.6

6. Long-Term Debt

	June 30, 2022	December 31, 2021
	(Dollars in Millions)	
0.650% Senior Notes, due 2023	$ 698.3	$ 697.4
4.250% Senior Notes, due 2024	398.6	398.3
7% Debentures, due 2025	124.6	124.6
3.450% Senior Notes, due 2027	298.1	297.9
3.500% Senior Notes, due 2027	496.7	496.4
2.500% Senior Notes, due 2030	471.8	491.1
2.400% Senior Notes, due 2031	888.2	891.8
6.25% Senior Notes, due 2037	228.3	228.3
4.250% Senior Notes, due 2047	590.1	592.1
3.200% Senior Notes, due 2051	849.6	882.9
Other notes	—	0.1
Total debt	5,044.3	5,100.9
Less: Current maturities	—	(0.1)
Long-term debt	$ 5,044.3	$ 5,100.8

During the six months ended June 30, 2022, the Company repurchased $60.5 million (par value) of its Senior Notes.

The Company, through a wholly-owned special-purpose subsidiary, has a $400 million trade receivable securitization facility (the Trade Receivable Facility) that matures on September 21, 2022. The Trade Receivable Facility, with Truist Bank, Regions Bank, PNC Bank, N.A., MUFG Bank, Ltd., New York Branch, and certain other lenders that may become a party to the facility from time to time, is backed by eligible trade receivables, as defined, and is limited to the lesser of the facility limit or the borrowing base, as defined. These receivables are originated by the Company and then sold by the Company to the wholly-owned special-purpose subsidiary. The Company continues to be responsible for the servicing and administration of the receivables purchased by the wholly-owned special-purpose subsidiary. Borrowings under the Trade Receivable Facility bear interest at a rate equal to asset-backed commercial paper costs of conduit lenders plus 0.85% for borrowings funded by conduit lenders and one-month London Inter-bank Offered Rate (LIBOR) plus 1.00%, subject to change in the event that this rate no longer reflects the lender’s cost of lending, for borrowings funded by all other lenders. The Trade Receivable Facility contains a cross-default provision to the Company’s other debt agreements. Subject to certain conditions, including lenders providing the requisite commitments, the Trade Receivable Facility may be increased to a borrowing base not to exceed $500 million. There were no borrowings outstanding under the Trade Receivable Facility at June 30, 2022 and December 31, 2021.

The Company has a $800 million five-year senior unsecured revolving facility (the Revolving Facility) with JPMorgan Chase Bank, N.A., as Administrative Agent, Deutsche Bank Securities, Inc., PNC Bank, Truist Bank and Wells Fargo Bank, N.A., as Syndication Agents, and the lenders party thereto (the Credit Agreement). Borrowings under the Revolving Facility bear interest, at the Company’s option, at rates based upon LIBOR or a base rate, plus, for each rate, a margin determined in accordance with a ratings-based pricing grid. There were no borrowings outstanding under the Credit Agreement at June 30, 2022 or December 31, 2021. The Credit Agreement requires the Company’s ratio of consolidated net debt-to-consolidated earnings before interest, taxes, depreciation, depletion and amortization (EBITDA), as defined by the Revolving Facility, for the trailing-twelve months (the Ratio) to not exceed 3.50 times as of the end of any fiscal quarter, provided that the Company may exclude from the Ratio debt incurred in connection with certain acquisitions during such quarter or the three preceding quarters so long as the Ratio calculated without such exclusion does not exceed 4.00 times. Additionally, if there are no amounts outstanding under both the Revolving Facility and the Trade Receivable Facility, consolidated debt, including debt for which the Company is a guarantor (see Note 10), may be reduced in an amount equal to the lesser of $500 million or the sum of the Company’s unrestricted cash and temporary investments, for purposes of the covenant calculation. The Company was in compliance with this covenant at June 30, 2022.

The Revolving Facility expires on December 21, 2026, with any outstanding principal amounts, together with interest accrued thereon, due in full on that date. Available borrowings under the Revolving Facility are reduced by any outstanding letters of credit issued by the Company under the Revolving Facility. The Company had $2.6 million of outstanding letters of credit issued under the Revolving Facility at June 30, 2022 and December 31, 2021.

7. Financial Instruments

The Company’s financial instruments include temporary cash investments, restricted cash, accounts receivable, notes receivable, accounts payable, publicly-registered long-term notes, debentures and other long-term debt.

Temporary cash investments are placed primarily in money market funds, money market demand deposit accounts and Eurodollar time deposits. The Company’s cash equivalents have original maturities of less than three months. Due to the short maturity of these investments, they are carried on the consolidated balance sheets at cost, which approximates fair value.

Restricted cash is held in a trust account with a third-party intermediary. Due to the short-term nature of this account, the fair value of restricted cash approximates its carrying value.

Accounts receivable are due from a large number of customers, primarily in the construction industry, and are dispersed across wide geographic and economic regions. No single customer accounted for 10% or more of consolidated accounts receivable in the six-month periods ended June 30, 2022 and 2021. The estimated fair values of accounts receivable approximate their carrying amounts due to the short-term nature of the accounts.

Notes receivable are primarily promissory notes with customers and are not publicly traded. Management estimates that the fair value of notes receivable approximates its carrying amount.

Accounts payable represent amounts owed to suppliers and vendors. The estimated fair value of accounts payable approximates the carrying amount due to the short-term nature of the payables.

The carrying values and fair values of the Company's long-term debt were $5.04 billion and $4.48 billion, respectively, at June 30, 2022 and $5.10 billion and $5.45 billion, respectively, at December 31, 2021. The estimated fair value of the publicly-registered long-term notes was estimated using quoted market prices. The estimated fair values of other borrowings approximate their carrying amounts as the interest rates reset periodically.

8. Income Taxes

The effective income tax rate reflects the effect of federal and state income taxes on earnings and the impact of differences in book and tax accounting arising primarily from the permanent tax benefits associated with the statutory depletion deduction for mineral reserves. The effective income tax rates for continuing operations were 22.6% and 21.2% for the six months ended June 30, 2022 and 2021, respectively. The higher 2022 effective income tax rate versus 2021 was driven by the impact of the divestiture of the Colorado and Central Texas ready mixed concrete businesses.

The Company records interest accrued in relation to unrecognized tax benefits as income tax expense. Penalties, if incurred, are recorded as operating expenses in the consolidated statements of earnings and comprehensive earnings.

9. Pension and Postretirement Benefits

During the six months ended June 30, 2022, the Company amended its qualified pension plan and provided an enhanced benefit for eligible hourly active participants who retire subsequent to April 30, 2022. The amendment required a pension remeasurement. The Company elected the use of a practical expedient to perform the pension remeasurement as of February 28, 2022, the month-end closest to the approval of the plan amendment. The discount rate for the remeasurement was 3.75% compared with 3.23% prior to the remeasurement. The enhanced benefit and remeasurement resulted in higher pension expense for the year compared with the initial estimate of the annual pension expense for the qualified plan.

The estimated components of the recorded net periodic benefit cost (credit) for pension and postretirement benefits are as follows:

	Pension		Postretirement Benefits	
	Three Months Ended June 30,			
	2022	2021	2022	2021
	(Dollars in Millions)			
Service cost	$ 14.0	$ 10.6	$ —	$ —
Interest cost	11.9	8.3	0.1	0.1
Expected return on assets	(22.5)	(16.3)	—	—
Amortization of:				
Prior service cost (credit)	1.4	0.3	(0.2)	(0.2)
Actuarial loss (gain)	1.2	2.8	(0.1)	—
Net periodic benefit cost (credit)	$ 6.0	$ 5.7	$ (0.2)	$ (0.1)

	Pension		Postretirement Benefits	
	Six Months Ended June 30,			
	2022	2021	2022	2021
	(Dollars in Millions)			
Service cost	$ 24.0	$ 23.0	$ —	$ —
Interest cost	20.6	17.7	0.2	0.2
Expected return on assets	(38.7)	(35.1)	—	—
Amortization of:				
Prior service cost (credit)	2.5	0.4	(0.4)	(0.4)
Actuarial loss (gain)	2.0	6.2	(0.1)	(0.1)
Net periodic benefit cost (credit)	$ 10.4	$ 12.2	$ (0.3)	$ (0.3)

The service cost component of net periodic benefit (credit) cost is included in *Cost of revenues – products and services* and *Selling, general & administrative expenses*. All other components are included in *Other nonoperating income, net*, in the consolidated statements of earnings and comprehensive earnings.

10. Commitments and Contingencies

Legal and Administrative Proceedings

The Company is engaged in certain legal and administrative proceedings incidental to its normal business activities, including matters relating to environmental protection. The Company considers various factors in assessing the probable outcome of each matter, including but not limited to the nature of existing legal proceedings and claims, the asserted or possible damages, the jurisdiction and venue of the case and whether it is a jury trial, the progress of the case, existing law and precedent, the opinions or views of legal counsel and other advisers, the Company's experience in similar cases and the experience of other companies, the facts available to the Company at the time of assessment, and how the Company intends to respond to the proceeding or claim. The Company's assessment of these factors may change over time as proceedings or claims progress. The Company believes the probability is remote that the outcome of any currently pending legal or administrative proceeding will result in a material loss to the Company as a whole, based on currently available facts.

Borrowing Arrangements with Affiliate

The Company is a guarantor with an unconsolidated affiliate for a $15.0 million revolving line of credit agreement with Truist Bank, of which $3.7 million was outstanding as of June 30, 2022, and that has a maturity date of March 2024. The affiliate has agreed to reimburse and indemnify the Company for any payments and expenses the Company may incur from this agreement. The Company holds a lien on the affiliate's membership interest in a joint venture as collateral for payment under the revolving line of credit.

In addition, the Company has a $6.0 million interest-only loan receivable, due December 31, 2024, outstanding from this unconsolidated affiliate as of June 30, 2022 and December 31, 2021. The interest rate is one-month LIBOR plus a current spread of 1.63%.

Letters of Credit

In the normal course of business, the Company provides certain third parties with standby letter of credit agreements guaranteeing payment for certain insurance claims, contract performance and permit requirements. At June 30, 2022, the Company was contingently liable for $17.2 million in letters of credit, of which $2.6 million were issued under the Company's Revolving Facility.

11. Business Segments

The Building Materials business contains two reportable segments: the East Group and the West Group. The Company also has a Magnesia Specialties segment. The Company's evaluation of performance and allocation of resources are based primarily on earnings from operations. Consolidated earnings from operations include total revenues less cost of revenues; selling, general and administrative expenses; acquisition and integration expenses; other operating income and expenses, net; and exclude interest expense; other nonoperating income and expenses, net; and income taxes. Corporate loss from operations primarily includes depreciation; expenses for corporate administrative functions; acquisition and integration expenses; and other nonrecurring income and expenses not reported in one of the operating segments. All long-term debt and related interest expense are held at Corporate.

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

The following table displays selected financial data for the Company's reportable segments. Total revenues, as well as the consolidated statements of earnings and comprehensive earnings, exclude intersegment revenues, which represent sales from one segment to another segment and are eliminated in consolidation. Total revenues, product and services revenues, and earnings (loss) from operations reflect continuing operations only. In 2022, earnings from operations for the West Group include nonrecurring gains on divested assets of $151.7 million.

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Total revenues:				
East Group	$ 674.5	$ 635.3	$ 1,093.3	$ 1,030.2
West Group	885.5	666.8	1,620.5	1,183.4
Total Building Materials business	1,560.0	1,302.1	2,713.8	2,213.6
Magnesia Specialties	81.7	75.8	158.7	146.7
Total	$ 1,641.7	$ 1,377.9	$ 2,872.5	$ 2,360.3
Products and services revenues:				
East Group	$ 632.4	$ 596.5	$ 1,027.0	$ 969.1
West Group	816.8	628.8	1,499.2	1,112.9
Total Building Materials business	1,449.2	1,225.3	2,526.2	2,082.0
Magnesia Specialties	74.6	70.0	145.4	135.2
Total	$ 1,523.8	$ 1,295.3	$ 2,671.6	$ 2,217.2
Earnings (Loss) from operations:				
East Group	$ 210.6	$ 197.8	$ 238.5	$ 259.5
West Group	274.5	101.8	317.6	133.6
Total Building Materials business	485.1	299.6	556.1	393.1
Magnesia Specialties	20.3	23.1	41.8	46.7
Corporate	(26.8)	(15.2)	(59.5)	(33.0)
Total	$ 478.6	$ 307.5	$ 538.4	$ 406.8

(UNAUDITED) NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

12. Revenues and Gross Profit

The Building Materials business includes the aggregates, cement, ready mixed concrete and asphalt and paving product lines. Cement and ready mixed concrete product lines and paving services reside only in the West Group. The following table, which is reconciled to consolidated amounts, provides total revenues and gross profit (loss) by product line and reflects continuing operations only.

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Total revenues:				
Building Materials business:				
Products and services:				
Aggregates	$ 955.2	$ 801.8	$ 1,641.1	$ 1,374.4
Cement	157.9	116.5	292.2	226.1
Ready mixed concrete	226.1	268.4	516.2	503.7
Asphalt and paving services	212.3	135.3	267.1	147.6
Less: interproduct revenues	(102.3)	(96.7)	(190.4)	(169.8)
Products and services	1,449.2	1,225.3	2,526.2	2,082.0
Freight	110.8	76.8	187.6	131.6
Total Building Materials business	1,560.0	1,302.1	2,713.8	2,213.6
Magnesia Specialties:				
Products and services	74.6	70.0	145.4	135.2
Freight	7.1	5.8	13.3	11.5
Total Magnesia Specialties	81.7	75.8	158.7	146.7
Total	$ 1,641.7	$ 1,377.9	$ 2,872.5	$ 2,360.3
Gross profit (loss):				
Building Materials business:				
Products and services:				
Aggregates	$ 309.0	$ 273.0	$ 410.9	$ 394.7
Cement	51.1	36.1	78.5	51.4
Ready mixed concrete	14.3	19.1	35.4	38.6
Asphalt and paving services	26.4	28.7	13.1	20.4
Products and services	400.8	356.9	537.9	505.1
Freight	(1.7)	0.7	(0.4)	0.5
Total Building Materials business	399.1	357.6	537.5	505.6
Magnesia Specialties:				
Products and services	25.8	27.9	52.6	56.3
Freight	(1.3)	(0.9)	(2.4)	(1.9)
Total Magnesia Specialties	24.5	27.0	50.2	54.4
Corporate	1.6	0.5	(6.4)	(0.2)
Total	$ 425.2	$ 385.1	$ 581.3	$ 559.8

13. Supplemental Cash Flow Information

Noncash investing and financing activities are as follows:

	Six Months Ended June 30, 2022	Six Months Ended June 30, 2021
	(Dollars in Millions)	
Noncash investing and financing activities:		
Right-of-use assets obtained in exchange for new finance lease liabilities	$ 7.0	$ 158.8
Right-of-use assets obtained in exchange for new operating lease liabilities	$ 13.0	$ 13.2
Accrued liabilities for purchases of property, plant and equipment	$ 27.3	$ 29.5
Remeasurement of operating lease right-of-use assets	$ (3.5)	$ (6.3)
Remeasurement of finance lease right-of-use assets	$ (6.4)	$ —

For the six months ended June 30, 2021, the right-of-use assets obtained in exchange for new finance lease liabilities balance were primarily attributable to the lease of the new corporate headquarters, production equipment, and leases assumed as part of the Tiller acquisition.

Supplemental disclosures of cash flow information are as follows:

	Six Months Ended June 30, 2022	Six Months Ended June 30, 2021
	(Dollars in Millions)	
Cash paid for interest, net of capitalized amount	$ 84.3	$ 53.6
Cash paid for income taxes, net of refunds	$ 42.9	$ 56.9

During the six months ended June 30, 2021, the Company received proceeds of $11.2 million, related to its company-owned life insurance policies. The proceeds are included in the *Investments in life insurance contracts, net*, in the investing activities of the consolidated statements of cash flows.

14. Other Operating Income, Net

For the three and six months ended June 30, 2022, the increase in other operating income, net, was primarily attributable to the $151.7 million gain on the divestiture of the Colorado and Central Texas ready-mixed concrete operations. Other operating income, net, for the three and six months ended June 30, 2021 included a $12.3 million gain on the sale of the Company's former corporate headquarters.

15. Other Nonoperating Income, Net

Other nonoperating income, net, for the three months and six months ended June 30, 2022 included an $11.6 million pretax gain related to the repurchase of the Company's debt.

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

OVERVIEW

Martin Marietta Materials, Inc. (the Company or Martin Marietta) is a natural resource-based building materials company. As of June 30, 2022, the Company supplies aggregates (crushed stone, sand and gravel) through its network of approximately 350 quarries, mines and distribution yards in 28 states, Canada and The Bahamas. Martin Marietta also provides cement and downstream products and services, namely, ready mixed concrete, asphalt and paving, in vertically-integrated structured markets where the Company has a leading aggregates position. In addition, the Company has one cement plant, cement distribution terminals and ready mixed concrete operations in California that are classified as assets held for sale and reported as discontinued operations as of and for the six months ended June 30, 2022. The Company's heavy-side building materials are used in infrastructure, nonresidential and residential construction projects. Aggregates are also used in agricultural, utility and environmental applications and as railroad ballast. The aggregates, cement, ready mixed concrete and asphalt and paving product lines are reported collectively as the "Building Materials" business.

The Company's Building Materials business includes two reportable segments: the East Group and the West Group.

BUILDING MATERIALS BUSINESS
(continuing operations only)

Reportable Segments	East Group	West Group
Operating Locations	Alabama, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Maryland, Minnesota, Missouri, Nebraska, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, Nova Scotia and The Bahamas	Arizona, Arkansas, California, Colorado, Louisiana, Oklahoma, Texas, Utah, Washington and Wyoming
Product Lines	Aggregates and Asphalt	Aggregates, Cement, Ready Mixed Concrete, Asphalt and Paving Services
Facility Types	Quarries, Mines, Asphalt Plants and Distribution Facilities	Quarries, Mines, Cement Plants, Asphalt Plants, Ready Mixed Concrete Plants and Distribution Facilities
Modes of Transportation	Truck, Rail and Ship	Truck, Rail and Ship

The Building Materials business is significantly affected by weather patterns and seasonal changes. Production and shipment levels for aggregates, cement, ready mixed concrete and asphalt materials correlate with general construction activity levels, most of which occur in the spring, summer and fall. Thus, production and shipment levels vary by quarter. Operations concentrated in the northern and midwestern United States generally experience more severe winter weather conditions than operations in the southeast, southwest and west. Excessive rainfall, and conversely excessive drought, can also jeopardize production, shipments and profitability in all markets served by the Company. Due to the potentially significant impact of weather on the Company's operations, current-period results are not necessarily indicative of expected performance for other interim periods or the full year.

The Company has a Magnesia Specialties business with manufacturing facilities in Manistee, Michigan, and Woodville, Ohio. The Magnesia Specialties business produces magnesia-based chemicals products used in industrial, agricultural and environmental applications and dolomitic lime sold primarily to customers in the steel and mining industries.

CRITICAL ACCOUNTING POLICIES

The Company outlined its critical accounting policies in its Annual Report on Form 10-K for the year ended December 31, 2021. There were no changes to the Company's critical accounting policies during the six months ended June 30, 2022.

RESULTS OF OPERATIONS

Earnings from continuing operations before interest; income taxes; depreciation, depletion and amortization; the earnings/loss from nonconsolidated equity affiliates; acquisition and integration expenses; the impact of selling acquired inventory after markup to fair value as part of acquisition accounting; and the nonrecurring gain on divestiture (Adjusted EBITDA) is an indicator used by the Company and investors to evaluate the Company's operating performance from period to period. Adjusted EBITDA is not defined by accounting principles generally accepted in the United States and, as such, should not be construed as an alternative to net earnings, earnings from operations or cash provided by operating activities. However, the Company's management believes that Adjusted EBITDA may provide additional information with respect to the Company's performance and is a measure used by management to evaluate the Company's performance. Because Adjusted EBITDA excludes some, but not all, items that affect net earnings and may vary among companies, Adjusted EBITDA as presented by the Company may not be comparable with similarly titled measures of other companies.

A reconciliation of net earnings from continuing operations attributable to Martin Marietta to Adjusted EBITDA is as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Net earnings from continuing operations attributable to Martin Marietta	$ 353.2	$ 225.8	$ 377.7	$ 291.1
Add back (Deduct):				
Interest expense, net of interest income	42.2	28.2	82.7	55.5
Income tax expense for controlling interests	104.4	62.2	110.2	78.1
Depreciation, depletion and amortization and earnings/loss from nonconsolidated equity affiliates	127.3	106.1	252.3	201.9
Acquisition and integration expenses	2.9	9.3	4.3	10.6
Impact of selling acquired inventory after markup to fair value as a part of acquisition accounting	—	7.6	—	7.6
Gain on divestiture	(151.7)	—	(151.7)	—
Adjusted EBITDA	$ 478.3	$ 439.2	$ 675.5	$ 644.8

Adjusted earnings from operations and adjusted earnings per diluted share from continuing operations represent non-GAAP financial measures and exclude acquisition and integration expenses; the impact of selling acquired inventory after its markup to fair value as part of acquisition accounting and the impact of the gain on divestiture. Management presents these measures for investors to evaluate and forecast the Company's results, as the impact of these items are non-recurring.

A reconciliation of consolidated earnings from operations to adjusted consolidated earnings from operations is as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2022	2021	2022	2021
	(Dollars in Millions)			
Consolidated earnings from operations in accordance with GAAP	$ 478.6	$ 307.5	$ 538.4	$ 406.8
Add back (Deduct):				
Acquisition and integration expenses	2.9	9.3	4.3	10.6
Impact of selling acquired inventory after its markup to fair value as part of acquisition accounting	—	7.6	—	7.6
Gain on divestiture	(151.7)	—	(151.7)	—
Adjusted consolidated earnings from operations	$ 329.8	$ 324.4	$ 391.0	$ 425.0

A reconciliation of earnings per diluted share from continuing operations to adjusted earnings per diluted share from continuing operations is as follows:

	Three Months Ended June 30, 2022			
	Pretax	Income Tax	After-Tax	Per Share
	(In Millions, Except per Share)			
Earnings per diluted share from continuing operations in accordance with GAAP				$ 5.65
Impact of acquisition and integration expenses	$ 2.9	$ (0.6)	$ 2.3	0.04
Impact of gain on divestiture	$ (151.7)	$ 43.6	$ (108.1)	(1.73)
Adjusted earnings per diluted share from continuing operations				$ 3.96

	Three Months Ended June 30, 2021			
	Pretax	Income Tax	After-Tax	Per Share
	(In Millions, Except per Share)			
Earnings per diluted share from continuing operations in accordance with GAAP				$ 3.61
Impact of acquisition and integration expenses	$ 9.3	$ (2.2)	$ 7.1	0.11
Impact of selling acquired inventory after its markup to fair value as part of acquisition accounting	$ 7.6	$ (1.9)	$ 5.7	0.09
Adjusted earnings per diluted share from continuing operations				$ 3.81

	Six Months Ended June 30, 2022			
	Pretax	Income Tax	After-Tax	Per Share
	(In Millions, Except per Share)			
Earnings per diluted share from continuing operations in accordance with GAAP				$ 6.04
Impact of acquisition and integration expenses	$ 4.3	$ (0.9)	$ 3.4	0.05
Impact of gain on divestiture	$ (151.7)	$ 43.6	$ (108.1)	(1.73)
Adjusted earnings per diluted share from continuing operations				$ 4.36

	Six Months Ended June 30, 2021			
	Pretax	Income Tax	After-Tax	Per Share
	(In Millions, Except per Share)			
Earnings per diluted share from continuing operations in accordance with GAAP				$ 4.65
Impact of acquisition and integration expenses	$ 10.6	$ (2.4)	$ 8.2	0.13
Impact of selling acquired inventory after its markup to fair value as part of acquisition accounting	$ 7.6	$ (1.9)	$ 5.7	0.09
Adjusted earnings per diluted share from continuing operations				$ 4.87

Mix-adjusted average selling price (mix-adjusted ASP) excludes the impacts of product, geographic and other mix from the current-period average selling price and is a non-GAAP measure. Mix-adjusted ASP is calculated by comparing current-period shipments to like-for-like shipments in the comparable prior period. Management uses this metric to evaluate the effectiveness of the Company's pricing increases and believes this information is useful to investors as it provides same-on-same pricing trends.

The following reconciles reported average selling price to mix-adjusted ASP and corresponding variances.

	Three Months Ended June 30, 2022	Three Months Ended June 30, 2021	Six Months Ended June 30, 2022	Six Months Ended June 30, 2021
Organic East Group - Aggregates:				
Reported average selling price	$ 16.79	$ 15.59	$ 16.91	$ 15.86
Adjustment for favorable impact of product, geographic and other mix	(0.08)		(0.06)	
Mix-adjusted ASP	$ 16.71		$ 16.85	
Reported average selling price variance	7.6%		6.6%	
Mix-adjusted ASP variance	7.1%		6.3%	
Organic West Group - Aggregates:				
Reported average selling price	$ 15.67	$ 14.03	$ 15.37	$ 13.93
Adjustment for favorable impact of product, geographic and other mix	(0.47)		(0.45)	
Mix-adjusted ASP	$ 15.20		$ 14.92	
Reported average selling price variance	11.7%		10.3%	
Mix-adjusted ASP variance	8.3%		7.1%	
Total Organic Aggregates:				
Reported average selling price	$ 16.40	$ 15.07	$ 16.34	$ 15.17
Adjustment for favorable impact of product, geographic and other mix	(0.20)		(0.18)	
Mix-adjusted ASP	$ 16.20		$ 16.16	
Reported average selling price variance	8.8%		7.7%	
Mix-adjusted ASP variance	7.5%		6.5%	
Cement:				
Reported average selling price	$ 140.00	$ 122.11	$ 134.79	$ 118.80
Adjustment for favorable impact of product, geographic and other mix	(2.67)		(2.04)	
Mix-adjusted ASP	$ 137.33		$ 132.75	
Reported average selling price variance	14.7%		13.5%	
Mix-adjusted ASP variance	12.5%		11.7%	

Quarter Ended June 30, 2022

Financial highlights for the quarter ended June 30, 2022 (unless noted, all comparisons are versus the prior-year quarter and for continuing operations):

- Consolidated total revenues of $1.64 billion compared with $1.38 billion
- Building Materials business products and services revenues of $1.45 billion compared with $1.23 billion
- Magnesia Specialties products revenues of $74.6 million compared with $70.0 million
- Consolidated gross profit of $425.2 million compared with $385.1 million
- Consolidated earnings from operations of $478.6 million compared with $307.5 million
- Adjusted consolidated earnings from operations of $329.8 million compared with $324.4 million
- Net earnings from continuing operations attributable to Martin Marietta of $353.2 million compared with $225.8 million
- Adjusted EBITDA of $478.3 million compared with $439.2 million
- Earnings per diluted share from continuing operations of $5.65 compared with $3.61
- Adjusted earnings per diluted share from continuing operations of $3.96 compared with $3.81

The following tables present total revenues, gross profit (loss), selling, general and administrative (SG&A) expenses and earnings (loss) from operations data for the Company and its reportable segments by product line for continuing operations for the three months ended June 30, 2022 and 2021. In each case, the data is stated as a percentage of revenues of the Company or the relevant segment or product line, as the case may be. For the three months ended June 30, 2022, earnings from operations for the West Group include a $151.7 million nonrecurring gain on divested assets.

	Three Months Ended June 30,	
	2022	2021
	Amount	Amount
	(Dollars in Millions)	
Total revenues:		
Building Materials business:		
Products and services		
East Group		
Aggregates	$ 590.6	$ 554.2
Asphalt	47.4	47.1
Less: Interproduct revenues	(5.6)	(4.8)
East Group Total	632.4	596.5
West Group		
Aggregates	364.6	247.6
Cement	157.9	116.5
Ready mixed concrete	226.1	268.4
Asphalt and paving	164.9	88.2
Less: Interproduct revenues	(96.7)	(91.9)
West Group Total	816.8	628.8
Products and services	1,449.2	1,225.3
Freight	110.8	76.8
Total Building Materials business	1,560.0	1,302.1
Magnesia Specialties:		
Products	74.6	70.0
Freight	7.1	5.8
Total Magnesia Specialties	81.7	75.8
Total	$ 1,641.7	$ 1,377.9

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS
(Continued)

	Three Months Ended June 30,			
	2022		2021	
	Amount	% of Revenues	Amount	% of Revenues
	(Dollars in Millions)			
Gross profit (loss):				
Building Materials business:				
Aggregates	309.0	32.3	$ 273.0	34.0
Cement	51.1	32.4	36.1	31.0
Ready mixed concrete	14.3	6.3	19.1	7.1
Asphalt and paving	26.4	12.4	28.7	21.2
Products and services	400.8	27.7	356.9	29.1
Freight	(1.7)		0.7	
Total Building Materials business	399.1	25.6	357.6	27.5
Magnesia Specialties:				
Products	25.8	34.6	27.9	39.9
Freight	(1.3)		(0.9)	
Total Magnesia Specialties	24.5	30.0	27.0	35.6
Corporate	1.6		0.5	
Total	$ 425.2	25.9	$ 385.1	27.9

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS
(Continued)

	Three Months Ended June 30,			
	2022		2021	
	Amount	% of Revenues	Amount	% of Revenues
	(Dollars in Millions)			
Selling, general & administrative expenses:				
Building Materials business:				
East Group	$ 28.7		$ 26.3	
West Group	41.7		33.6	
Total Building Materials business	70.4		59.9	
Magnesia Specialties	4.0		3.7	
Corporate	29.7		18.8	
Total	$ 104.1	6.3	$ 82.4	6.0

	Three Months Ended June 30,			
	2022		2021	
	Amount	% of Revenues	Amount	% of Revenues
	(Dollars in Millions)			
Earnings (Loss) from operations:				
Building Materials business:				
East Group	$ 210.6		$ 197.8	
West Group	274.5		101.8	
Total Building Materials business	485.1		299.6	
Magnesia Specialties	20.3		23.1	
Corporate	(26.8)		(15.2)	
Total	$ 478.6	29.2	$ 307.5	22.3

Building Materials Business

The following tables present aggregates volume and pricing variance data and shipments data by segment:

	Three Months Ended June 30, 2022	
	Volume	Pricing
Volume/Pricing Variance[1]		
East Group	(1.0)%	7.6%
West Group	30.0%	11.6%
Total aggregates operations[2]	9.3%	8.4%
Organic aggregates operations[3]	1.8%	8.8%

	Three Months Ended June 30,	
	2022	2021
	(Tons in Millions)	
Shipments		
East Group	35.0	35.4
West Group	22.8	17.5
Total aggregates operations[2]	57.8	52.9

(1) Volume/pricing variances reflect the percentage increase from the comparable period in the prior year.
(2) Total aggregates operations include acquisitions from the date of acquisition and divestitures through the date of disposal.
(3) Organic aggregates operations exclude volume and pricing data for acquisitions that have not been included in prior-year operations for the comparable period and divestitures.

The following table presents shipments data by product line for the Building Materials business:

	Three Months Ended June 30,		
	2022	2021	% Change
Shipments			
Aggregates (in millions):			
Tons to external customers	53.5	48.8	
Internal tons used in other product lines	4.3	4.1	
Total aggregates tons	57.8	52.9	9.3 %
Cement (in millions):			
Tons to external customers	0.8	0.5	
Internal tons used in ready mixed concrete	0.3	0.4	
Total cement tons	1.1	0.9	19.8 %
Ready Mixed Concrete (in millions of cubic yards)	1.8	2.3	(22.6)%
Asphalt (in millions):			
Tons to external customers	1.9	1.2	
Internal tons used in paving business	0.7	0.6	
Total asphalt tons	2.6	1.8	40.2 %

The average selling price by product line for the Building Materials business is as follows:

	Three Months Ended June 30,		
	2022	2021	% Change
Aggregates (per ton)	$ 16.34	$ 15.07	8.4 %
Cement (per ton)	$ 140.00	$ 122.11	14.7 %
Ready Mixed Concrete (per cubic yard)	$ 124.51	$ 114.27	9.0 %
Asphalt (per ton)	$ 60.54	$ 48.83	24.0 %

Aggregates End-Use Markets

Organic aggregates shipments to the infrastructure market increased 5%, primarily driven by increased highway projects in Indiana, Arkansas, Colorado and the Gulf Coast. The infrastructure market accounted for 35% of second-quarter organic aggregates shipments.

Organic aggregates shipments to the nonresidential market were flat compared to a strong prior-year quarter. The nonresidential market represented 35% of second-quarter organic aggregates shipments.

Organic aggregates shipments to the residential market increased 4%, reflecting strong demand in Texas and Colorado that was partially offset by supply chain issues and decreased housing starts in the East. The residential market accounted for 25% of second-quarter organic aggregates shipments.

The ChemRock/Rail market accounted for the remaining 5% of second-quarter organic aggregates shipments. Volumes to this end use decreased 10%, driven by lower ballast shipments to the Class I western railroads.

Building Materials Business

Second-quarter organic aggregates shipments increased 1.8%, as healthy underlying public and private product demand was partially constrained by supply chain and logistics-related bottlenecks. Organic pricing increased 8.8%, or 7.5% on a mix-adjusted basis, over the prior-year quarter as the Company began to benefit from April 1 price increases. Including acquired operations, total aggregates shipments and pricing grew 9.3% and 8.4%, respectively. East Group total shipments decreased 1.0%, as strong underlying demand was negatively impacted from unfavorable weather in April, coupled with rail and marine-shipping challenges. East Group pricing increased 7.6%. West Group total shipments improved 30.0%, driven primarily by contributions from acquired operations and strong Texas customer demand. West Group pricing, inclusive of acquisitions, increased 11.6%. West Group organic pricing increased 11.7%, or 8.3% on a mix-adjusted basis, benefitting from increased sales of higher-priced clean stone and long-haul shipments from higher-priced distribution yards. Second-quarter aggregates product gross profit improved 13.2% to $309.0 million while gross margin declined 170 basis points to 32.3%, primarily due to significantly higher energy, contract services, supplies and internal freight costs.

Cement shipments increased 19.8% to a new quarterly record of 1.1 million tons while pricing increased 14.7%, or 12.5% on a mix-adjusted basis, driven by continued strong demand and tight cement supply in Texas. Cement product gross profit grew to $51.1 million, an increase of 41.7%, and gross margin expanded 140 basis points to 32.4%, driven by volume and pricing gains but partially offset by significant energy-related headwinds and unplanned kiln outages at both the Midlothian and Hunter plants.

On an organic basis, ready mix shipments and pricing increased 3.4% and 17.4%, respectively, driven by strong demand in Dallas/Fort Worth, Austin and San Antonio. Ready mix product revenues and gross profit from continuing operations declined 15.8% and 25.1%, respectively, driven primarily by the divestiture of our Colorado and Central Texas ready mix concrete businesses on April 1, which was partially offset by acquired operations in Arizona.

Including contributions from the acquired West Coast operations, total asphalt shipments and pricing increased 40.2% and 24.0%, respectively. However, rapid cost acceleration of liquid asphalt, or bitumen, contributed to the gross margin compression of 880 basis points in the second quarter.

Magnesia Specialties Business

Magnesia Specialties second-quarter product revenues increased 6.6% to $74.6 million, driven by continued strong global demand for magnesia-based chemical products. Product gross profit declined 7.6% to $25.8 million, as higher energy costs pressured margins in the quarter.

Consolidated Operating Results

Consolidated SG&A for second quarter 2022 was 6.3% of total revenues compared with 6.0% in the prior-year quarter, an increase of 30 basis points. Earnings from operations for the quarter were $478.6 million in 2022 compared with $307.5 million in 2021, with the increase driven by the $151.7 million gain on the divestiture of the Colorado and Central Texas ready-mixed concrete operations and year-over-year price increases, partially offset by higher costs for energy, supplies, freight and personnel.

Among other items, other operating income, net, includes gains and losses on the sale of assets; recoveries and write-offs related to customer accounts receivable; rental, royalty and services income; accretion expense, depreciation expense and gains and losses related to asset retirement obligations. For the second quarter, consolidated other operating income, net, was income of $160.4 million in 2022 and $14.1 million in 2021. The increase in other operating income, net, was primarily attributable to the $151.7 million gain on the divestiture of the Colorado and Central Texas ready-mixed concrete operations. Other operating income, net, for the three months ended June 30, 2021 included a $12.3 million gain on the sale of the Company's former corporate headquarters.

Other nonoperating income, net, includes interest income; pension and postretirement benefit cost excluding service cost; foreign currency transaction gains and losses; equity earnings or losses from nonconsolidated affiliates and other miscellaneous income and expenses. For the second quarter, other nonoperating income, net, was $22.0 million and $8.7 million in 2022 and 2021, respectively. The 2022 amount included an $11.6 million pretax gain related to repurchases of the Company's debt.

Six Months Ended June 30, 2022

Financial highlights for the six months ended June 30, 2022 (unless noted, all comparisons are versus the prior-year period:

- Consolidated total revenues of $2.87 billion compared with $2.36 billion
- Building Materials business products and services revenues of $2.53 billion compared with $2.08 billion
- Magnesia Specialties products revenues of $145.4 million compared with $135.2 million
- Consolidated gross profit of $581.3 million compared with $559.8 million
- Consolidated earnings from operations of $538.4 million compared with $406.8 million
- Adjusted consolidated earnings from operations of $391.0 million compared with $425.0 million
- Net earnings from continuing operations attributable to Martin Marietta of $377.7 million compared with $291.1 million
- Adjusted EBITDA of $675.5 million compared with $644.8 million
- Earnings per diluted share from continuing operations of $6.04 compared with $4.65
- Adjusted earnings per diluted share of $4.36 compared with $4.87

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS
(Continued)

The following tables present total revenues, gross profit (loss), selling, general and administrative (SG&A) expenses and earnings (loss) from operations data for the Company and its reportable segments by product line for continuing operations for the six months ended June 30, 2022 and 2021. In each case, the data is stated as a percentage of revenues of the Company or the relevant segment or product line, as the case may be. For the six months ended June 30, 2022, earnings from operations for the West Group include a $151.7 million nonrecurring gain on divested assets.

	Six Months Ended June 30,	
	2022	2021
	Amount	Amount
	(Dollars in Millions)	
Total revenues:		
Building Materials business:		
Products and services		
East Group		
Aggregates	$ 985.6	$ 926.8
Asphalt	47.5	47.1
Less: Interproduct revenues	(6.1)	(4.8)
East Group Total	1,027.0	969.1
West Group		
Aggregates	655.5	447.6
Cement	292.2	226.1
Ready mixed concrete	516.2	503.7
Asphalt and paving	219.6	100.5
Less: Interproduct revenues	(184.3)	(165.0)
West Group Total	1,499.2	1,112.9
Products and services	2,526.2	2,082.0
Freight	187.6	131.6
Total Building Materials business	2,713.8	2,213.6
Magnesia Specialties:		
Products	145.4	135.2
Freight	13.3	11.5
Total Magnesia Specialties	158.7	146.7
Total	$ 2,872.5	$ 2,360.3

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS
(Continued)

	Six Months Ended June 30,			
	2022		2021	
	Amount	% of Revenues	Amount	% of Revenues
	(Dollars in Millions)			
Gross profit (loss):				
Building Materials business:				
Aggregates	$ 410.9	25.0	$ 394.7	28.7
Cement	78.5	26.9	51.4	22.7
Ready mixed concrete	35.4	6.9	38.6	7.7
Asphalt and paving	13.1	4.9	20.4	13.9
Products and services	537.9	21.3	505.1	24.3
Freight	(0.4)		0.5	
Total Building Materials business	537.5	19.8	505.6	22.8
Magnesia Specialties:				
Products	52.6	36.2	56.3	41.7
Freight	(2.4)		(1.9)	
Total Magnesia Specialties	50.2	31.6	54.4	37.1
Corporate	(6.4)		(0.2)	
Total	$ 581.3	20.2	$ 559.8	23.7

	Six Months Ended June 30,			
	2022		2021	
	Amount	% of Total Revenues	Amount	% of Total Revenues
	(Dollars in Millions)			
Selling, general & administrative expenses:				
Building Materials business:				
East Group	$ 57.5		$ 50.5	
West Group	83.0		66.9	
Total Building Materials business	140.5		117.4	
Magnesia Specialties	8.0		7.4	
Corporate	52.7		37.4	
Total	$ 201.2	7.0	$ 162.2	6.9
Earnings (Loss) from operations:				
Building Materials business:				
East Group	$ 238.5		$ 259.5	
West Group	317.6		133.6	
Total Building Materials business	556.1		393.1	
Magnesia Specialties	41.8		46.7	
Corporate	(59.5)		(33.0)	
Total	$ 538.4	18.7	$ 406.8	17.2

Building Materials Business

The following tables present aggregates volume and pricing variance data and shipments data by segment:

	Six Months Ended June 30, 2022	
	Volume	Pricing
Volume/Pricing Variance[1]		
East Group	(0.1)%	6.6%
West Group	31.2%	10.4%
Total aggregates operations[2]	11.0%	7.2%
Organic aggregates operations[3]	2.4%	7.7%

	Six Months Ended June 30,	
	2022	2021
	(Tons in Millions)	
Shipments		
East Group	58.0	58.1
West Group	41.9	31.9
Total aggregates operations[2]	99.9	90.0

[1] *Volume/pricing variances reflect the percentage increase from the comparable period in the prior year.*
[2] *Total aggregates operations include acquisitions from the date of acquisition and divestitures through the date of disposal.*
[3] *Organic aggregates operations exclude volume and pricing data for acquisitions that have not been included in prior-year operations for the comparable period and divestitures.*

The following table presents shipments data for the Building Materials business by product line:

	Six Months Ended June 30,		
	2022	2021	% Change
Shipments			
Aggregates (in millions):			
Tons to external customers	92.1	83.3	
Internal tons used in other product lines	7.8	6.7	
Total aggregates tons	99.9	90.0	11.0%
Cement (in millions):			
Tons to external customers	1.4	1.2	
Internal tons used in ready mixed concrete	0.7	0.7	
Total cement tons	2.1	1.9	14.9%
Ready Mixed Concrete (in millions of cubic yards)	4.2	4.4	(4.9)%
Asphalt (in millions):			
Tons to external customers	2.6	1.3	
Internal tons used in paving business	0.7	0.6	
Total asphalt tons	3.3	1.9	67.4%

The average selling price by product line for the Building Materials business is as follows:

	Six Months Ended June 30,		
	2022	2021	% Change
Aggregates (per ton)	$ 16.27	$ 15.17	7.2%
Cement (per ton)	$ 134.79	$ 118.80	13.5%
Ready Mixed Concrete (per cubic yard)	$ 122.34	$ 113.25	8.0%
Asphalt (per ton)	$ 60.93	$ 48.85	24.7%

Aggregates End-Use Markets

Organic aggregates shipments to the infrastructure market increased 6%, primarily driven by increased highway projects across many of the Company's key markets. The infrastructure market accounted for 34% of year-to-date organic aggregates shipments.

Organic aggregates shipments to the nonresidential market were flat compared with strong prior-year activity. The nonresidential market represented 35% of year-to-date organic aggregates shipments.

Organic aggregates shipments to the residential market increased 2%, reflecting strong demand in Texas that was muted by supply chain issues and labor shortages. The residential market accounted for 26% of year-to-date organic aggregates shipments.

The ChemRock/Rail market accounted for the remaining 5% of year-to-date organic aggregates shipments. Volumes to this end use increased 4%, driven by increased agricultural lime shipments in Iowa that were partially offset by lower ballast shipments to Class I railroads.

Building Materials Business

Year-to-date organic aggregates shipments increased 2.4%, reflecting healthy underlying public and private product demand partially constrained by supply chain and logistics-related bottlenecks, while organic pricing increased 7.7%, or 6.5% on a mix-adjusted basis. Inclusive of acquired operations, aggregates shipments grew 11.0% compared with the comparable prior-year period and pricing increased 7.2%. Overall, East Group total shipments remained relatively flat, reflecting unfavorable weather and timing of jobs in current year versus the prior-year period, while pricing increased 6.6%. West Group total shipments increased 31.2%, driven by robust underlying demand in Texas and Colorado and shipments from acquired operations. West Group pricing, inclusive of acquisitions, increased 10.4%, while organic West Group pricing increased 10.3%, or 7.1% on a mix-adjusted basis, reflecting periodic pricing increases, a higher percentage of shipments from higher-priced distribution yards and higher selling prices at acquired operations. Aggregates product gross margin decreased 370 basis points to 25.0%, as year-over-year price increase impacts were more than offset by higher costs for energy, fuel, supplies, repairs and contract services.

Texas cement shipments increased 14.9%, supported by robust product demand, tight supply and favorable weather. Cement pricing improved 13.5%, or 11.7% on a mix-adjusted basis, benefitting from price increases. Product gross margin expanded 420 basis points to 26.9% compared with the prior-year comparable period, which was negatively impacted by incremental costs and inefficiencies from the Texas Deep Freeze.

Organic ready mixed concrete shipments increased 1.4%. Organic pricing grew 13.0% in the first half of 2022 compared with the first half of 2021. Consolidated ready mixed concrete shipments decreased 4.9% and pricing increased 8.0%. Product gross margin declined 80 basis points to 6.9%, driven primarily by higher raw material and diesel costs which more than offset price increases.

Organic asphalt shipments remained flat. Organic asphalt pricing increased 16.3%. Including contributions from the acquired West Coast operations, total asphalt shipments and pricing increased 67.4% and 24.7%, respectively. Product and services gross margin declined 900 basis points to 4.9%, driven by a later start to the construction season in Minnesota and higher liquid asphalt costs in Colorado.

Magnesia Specialties Business

Magnesia Specialties product revenues increased 7.5% to $145.4 million for the six months ended June 30, 2022, driven by robust global demand for magnesia-based chemical products. Product gross profit was $52.6 million compared with $56.3 million. Product gross margin decreased 550 basis points to 36.2%, as higher costs for energy, supplies and raw materials more than offset revenue growth.

Consolidated Operating Results

Consolidated SG&A for six months ended June 30 was 7.0% of total revenues in 2022 compared with 6.9% in the prior-year period. Earnings from operations for the six months ended June 30 were $538.4 million in 2022 compared with $406.8 million in 2021, with the increase driven by the $151.7 million gain on the divestiture of the Colorado and Central Texas ready-mixed concrete operations and year-over-year price increases, partially offset by higher costs for energy, fuel, supplies, freight and personnel.

Among other items, other operating income, net, includes gains and losses on the sale of assets; recoveries and write-offs related to customer accounts receivable; rental, royalty and services income; accretion expense, depreciation expense and gains and losses related to asset retirement obligations. For the six months ended June 30, consolidated other operating income, net, was income of $162.6 million in 2022 and $19.8 million in 2021. The increase in other operating income, net, was primarily attributable to the $151.7 million gain on the divestiture of the Colorado and Central Texas ready-mixed concrete operations. Other operating income, net, for the six months ended June 30, 2021 included a $12.3 million gain on the sale of the Company's former corporate headquarters.

Other nonoperating income, net, includes interest income; pension and postretirement benefit cost excluding service cost; foreign currency transaction gains and losses; equity earnings or losses from nonconsolidated affiliates and other miscellaneous income and expenses. For the six months ended June 30, other nonoperating income, net, was $32.9 million and $18.2 million in 2022 and 2021, respectively. The 2022 amount included an $11.6 million pretax gain related to repurchases of the Company's debt.

Income Tax Expense

For the six months ended June 30, 2022 and 2021, the effective income tax rates for continuing operations were 22.6% and 21.2%, respectively. The higher 2022 effective income tax rate versus 2021 was driven by the impact of the divestiture of the Colorado and Central Texas ready mixed concrete businesses.

LIQUIDITY AND CAPITAL RESOURCES

Cash provided by operating activities for the six months ended June 30, 2022 and 2021 was $286.2 million and $441.2 million, respectively. Operating cash flow is primarily derived from consolidated net earnings before deducting depreciation, depletion and amortization, and the impact of changes in working capital. Depreciation, depletion and amortization were as follows:

	Six Months Ended June 30, 2022	Six Months Ended June 30, 2021
	(Dollars in Millions)	
Depreciation	$ 199.0	$ 172.4
Depletion	28.6	17.5
Amortization	29.0	16.6
Total	$ 256.6	$ 206.5

The seasonal nature of construction activity impacts the Company's interim operating cash flow when compared with the full year. Full-year 2021 net cash provided by operating activities was $1.14 billion.

During the six months ended June 30, 2022 and 2021, the Company paid $220.7 million and $213.0 million, respectively, for capital investments.

The Company can repurchase its common stock through open-market purchases pursuant to authority granted by its Board of Directors or through private transactions at such prices and upon such terms as the Chief Executive Officer deems appropriate. The Company repurchased 130,551 shares of common stock during the first six months of 2022 at an aggregate cost of $50.0 million. At June 30, 2022, 13,390,401 shares of common stock can be purchased under the Company's repurchase authorization.

During the six months ended June 30, 2022, the Company repurchased $60.5 million (par value) of its Senior Notes, resulting in a pretax gain of $11.6 million.

The Company, through a wholly-owned special-purpose subsidiary, has a $400 million trade receivable securitization facility (the Trade Receivable Facility) that matures on September 21, 2022. The Trade Receivable Facility contains a cross-default provision to the Company's other debt agreements.

The Company has an $800 million five-year senior unsecured revolving facility (the Revolving Facility), which expires in December 2026. The Revolving Facility requires the Company's ratio of consolidated debt-to-consolidated EBITDA, as defined, for the trailing-twelve-month period (the Ratio) to not exceed 3.50 times as of the end of any fiscal quarter, provided that the Company may exclude from the Ratio debt incurred in connection with certain acquisitions during the quarter or the three preceding quarters so long as the Ratio calculated without such exclusion does not exceed 4.00 times. Additionally, if there are no amounts outstanding under the Revolving Facility and the Trade Receivable Facility, consolidated debt, including debt for which the Company is a co-borrower, may be reduced in an amount equal to the lesser of $500.0 million or the sum of the Company's unrestricted cash and temporary investments, for purposes of the covenant calculation. The Company was in compliance with the Ratio at June 30, 2022.

In the event of a default on the Ratio, the lenders can terminate the Revolving Facility and Trade Receivable Facility and declare any outstanding balances as immediately due. There were no amounts outstanding under the Trade Receivable Facility or the Revolving Facility as of June 30, 2022.

Cash on hand, along with the Company's projected internal cash flows and availability of financing resources, including its access to debt and equity capital markets, is expected to continue to be sufficient to provide the capital resources necessary to support anticipated operating needs, cover debt service requirements, address near-term debt maturities, meet capital expenditures and discretionary investment needs, fund certain acquisition opportunities that may arise, allow the repurchase of shares of the Company's common stock and allow for payment of dividends for the foreseeable future. At June 30, 2022, the Company had $1,197.4 million of unused borrowing capacity under its Revolving Facility and Trade Receivable Facility, subject to complying with the related leverage covenant. Historically, the Company has successfully extended the maturity dates of these credit facilities. Further, as of June 30, 2022, the Company does not have any publicly-traded debt that matures prior to 2023.

The Coronavirus Aid, Relief and Economic Security Act (CARES Act) was signed into law in March 2020 and provided liquidity support for businesses. Through the CARES Act, the Company deferred payment of $27.6 million, representing the 6.2% employer share of Social Security taxes for the period from March 27, 2020 through December 31, 2020. Half of the deferred obligation was repaid in 2021 and the remaining half is due December 31, 2022. There will be no interest assessed on amounts deferred.

TRENDS AND RISKS

The Company outlined the risks associated with its business in its Annual Report on Form 10-K for the year ended December 31, 2021. Management continues to evaluate its exposure to all operating risks on an ongoing basis.

OTHER MATTERS

If you are interested in Martin Marietta stock, management recommends that, at a minimum, you read the Company's current annual report and Forms 10-K, 10-Q and 8-K reports to the Securities and Exchange Commission (SEC) over the past year. The Company's recent proxy statement for the annual meeting of shareholders also contains important information. These and other materials that have been filed with the SEC are accessible through the Company's website at www.martinmarietta.com and are also available at the SEC's website at www.sec.gov. You may also write or call the Company's Corporate Secretary, who will provide copies of such reports.

Investors are cautioned that all statements in this Form 10-Q that relate to the future involve risks and uncertainties, and are based on assumptions that the Company believes in good faith are reasonable but which may be materially different from actual results. These statements, which are forward-looking statements under the Private Securities Litigation Reform Act of 1995, provide the investor with the Company's expectations or forecasts of future events. You can identify these statements by the fact that they do not relate only to historical or current facts. They may use words such as "anticipate," "may," "expect," "should," "believe," "project," "intend," "will," and other words of similar meaning in connection with future events or future operating or financial performance. Any or all of management's forward-looking statements here and in other publications may turn out to be wrong.

The Company's outlook is subject to various risks and uncertainties and is based on assumptions that the Company believes in good faith are reasonable but which may be materially different from actual results. Factors that the Company currently believes could cause actual results to differ materially from the forward-looking statements in this release (including the outlook) include, but are not limited to: the ability of the Company to face challenges, including shipment declines resulting from economic events beyond the Company's control; a widespread decline in aggregates pricing, including a decline in aggregates shipment volume negatively affecting aggregates price; the history of both cement and ready mixed concrete being subject to significant changes in supply, demand and price fluctuations; the termination, capping and/or reduction or suspension of the federal and/or state gasoline tax(es) or other revenue related to public construction; the level and timing of federal, state or local transportation or infrastructure or public projects funding, most particularly in Texas, Colorado, California, North Carolina, Georgia, Minnesota, Iowa, Florida, Indiana and Maryland; the United States Congress' inability to reach agreement among themselves or with the Administration on policy issues that impact the federal budget; the ability of states and/or other entities to finance approved projects either with tax revenues or alternative financing structures; levels of construction spending in the markets the Company serves; a reduction in defense spending and the subsequent impact on construction activity on or near military bases; a decline in energy-related construction activity resulting from suspension of the gas tax or a sustained period of low global oil prices or changes in oil production patterns or capital spending, particularly in Texas and West Virginia; increasing residential mortgage interest rates and other factors that could result in a slowdown in residential construction; unfavorable weather conditions, particularly Atlantic Ocean and Gulf of Mexico hurricane activity, wildfires, the late start to spring or the early onset of winter and the impact of a drought or excessive rainfall in the markets served by the Company, any of which can significantly affect production schedules, volumes, product and/or geographic mix and profitability; the volatility of fuel costs, particularly diesel fuel, notably related to the current conflict between Russia and Ukraine, and the impact on the cost, or the availability generally, of other consumables, namely steel, explosives, tires and conveyor belts, and with respect to the Company's Magnesia Specialties business, natural gas; continued increases in the cost of other repair and supply parts; construction labor shortages and/or supply-chain challenges; unexpected equipment failures, unscheduled maintenance, industrial accident or other prolonged and/or significant disruption to production facilities; the resiliency and potential declines of the Company's various construction end-use markets; the potential negative duration, severity and impact of a resurgence of the COVID-19 pandemic on the Company's ability to continue supplying heavy-side building materials and related services at normal levels or at all in the Company's key regions, including the markets in which it does business, its suppliers, customers or other business partners as well as on its employees; the economic impact of government responses to a resurgence of COVID-19; the performance of the United States economy; the impact of governmental orders restricting activities imposed to prevent further outbreak of COVID-19 on travel, potentially reducing state fuel tax revenues used to fund highway projects; a decline in the commercial component of the nonresidential construction market, notably office and retail space, including a decline resulting from economic distress related to the COVID-19 pandemic; increasing governmental regulation, including environmental laws; the failure of relevant government agencies to implement expected regulatory reductions; transportation availability or a sustained reduction in capital investment by the railroads, notably the availability of railcars, locomotive power and the condition of rail infrastructure to move trains to supply the Company's Texas, Colorado, Florida, Carolinas and Gulf Coast markets, including the movement of essential dolomitic lime for magnesia chemicals to the Company's plant in Manistee, Michigan and its customers; increased transportation costs, including increases from higher or fluctuating passed-through energy costs or fuel surcharges, and other costs to comply with tightening regulations, as well as higher volumes of rail and water shipments; availability of trucks and licensed drivers for transport of the Company's materials; availability and cost of construction equipment in the United States; weakening in the steel industry markets served by the Company's dolomitic lime products; trade disputes with one or more nations impacting the U.S. economy, including the impact of tariffs on the steel industry; unplanned changes in costs or realignment of customers that introduce volatility to earnings, including that of the Magnesia Specialties business that is running at capacity; proper functioning of information technology and automated operating systems to manage or support operations; inflation and its effect on both production and interest costs; the concentration of customers in construction markets and the increased risk of potential losses on customer receivables; the impact of the level of demand in the Company's end-use markets, production levels and management of production costs on the operating leverage and therefore profitability of the Company; the possibility that the expected synergies from acquisitions will not be realized or will not be realized within the expected time period, including achieving anticipated profitability to maintain compliance with the Company's leverage ratio debt covenant; changes in tax laws, the interpretation of such laws and/or administrative practices, including acquisitions or divestitures, that would increase the Company's tax rate; violation of the Company's debt covenant if price and/or volumes return to previous levels of instability; downward pressure on the Company's common stock price and its impact on goodwill impairment evaluations; the possibility of a reduction of the Company's credit rating to non-investment grade; and other risk factors listed from time to time found in the Company's filings with the SEC.

You should consider these forward-looking statements in light of risk factors discussed in the Company's Annual Report on Form 10-K for the year ended December 31, 2021 and other periodic filings made with the SEC. All of the Company's forward-looking statements should be considered in light of these factors. In addition, other risks and uncertainties not presently known to the Company or that the Company considers immaterial could affect the accuracy of its forward-looking statements, or adversely affect or be material to the Company. The Company assumes no obligation to update any such forward-looking statements.

INVESTOR ACCESS TO COMPANY FILINGS

Shareholders may obtain, without charge, a copy of Martin Marietta's Annual Report on Form 10-K, as filed with the Securities and Exchange Commission for the fiscal year ended December 31, 2021, by writing to:

Martin Marietta
Attn: Corporate Secretary
4123 Parklake Avenue
Raleigh, North Carolina 27612

Additionally, Martin Marietta's Annual Report, press releases and filings with the Securities and Exchange Commission, including Forms 10-K, 10-Q, 8-K and 11-K, can generally be accessed via the Company's website. Filings with the Securities and Exchange Commission accessed via the website are available through a link with the Electronic Data Gathering, Analysis, and Retrieval (EDGAR) system. Accordingly, access to such filings is available upon EDGAR placing the related document in its database. Investor relations contact information is as follows:

Telephone: (919) 510-4736
Website address: www.martinmarietta.com

Information included on the Company's website is not incorporated into, or otherwise creates a part of, this report.

Item 3. Quantitative and Qualitative Disclosures About Market Risk.

The Company's operations are highly dependent upon the interest rate-sensitive construction and steelmaking industries. Demand in the residential and nonresidential construction market, which combined accounted for 61% of aggregates shipments for the six months ended June 30, 2022, is affected by interest rates. Since December 31, 2021, the Federal Reserve raised the target federal funds rate 150 basis points, and more increases are expected in the second half of the year. Consequently, these marketplaces could experience lower levels of economic activity in an environment of rising interest rates or escalating costs if companies and consumers are unable to obtain financing for construction projects or if consumer confidence is eroded by economic uncertainty.

Demand for aggregates products, particularly in the infrastructure construction market, is affected by federal, state and local budget and deficit issues.

Aside from these inherent risks from within its operations, the Company's earnings are also affected by changes in short-term interest rates and changes in enacted tax laws.

Variable-Rate Borrowing Facilities. At June 30, 2022, the Company had an $800.0 million Revolving Facility and a $400.0 million Trade Receivable Facility. Borrowings under these facilities bear interest at a variable interest rate. There were no borrowings outstanding on either facility at June 30, 2022. However, any future borrowings under the credit facilities or outstanding variable-rate debt are exposed to interest rate risk.

Pension Expense. The Company's results of operations are affected by its pension expense. Assumptions that affect pension expense include the discount rate and, for the qualified defined benefit pension plan only, the expected long-term rate of return on assets. Therefore, the Company has interest rate risk associated with these factors. The impact of hypothetical changes in these assumptions on the Company's annual pension expense is discussed in the Company's Annual Report on Form 10-K for the year ended December 31, 2021. The Company remeasured its qualified pension plan as of February 28, 2022, to reflect an amendment that increased the pension benefit for qualifying hourly employees. The discount rate at the remeasurement date was approximately 50 basis points higher compared with the discount rate as of December 31, 2021. As of June 30, 2022, discount rates have increased approximately 20 additional basis points since the remeasurement. Unless another event requires an interim remeasurement, the Company will next remeasure its pension obligation and funded status as of December 31, 2022. Changes in the discount rate and pension asset values will impact 2023 pension expense.

Income Tax. Any changes in enacted tax laws, rules or regulatory or judicial interpretations; or any change in the pronouncements relating to accounting for income taxes could materially impact our effective tax rate, tax payments, financial condition and results of operations.

Energy Costs. Energy costs, including diesel fuel, natural gas, electricity, coal and liquid asphalt, represent significant production costs of the Company. The Magnesia Specialties business has fixed price agreements covering a majority of its 2022 energy requirements. On a consolidated basis, organic energy expense for the six months ended June 30, 2022 increased approximately 59% compared with the prior-year period, related to higher prices for diesel, natural gas, electricity and gasoline in 2022. Specifically, the ongoing conflict between Russia and Ukraine has exacerbated already increased diesel prices; however, any future energy prices cannot be reliably predicted. A hypothetical price change of 59% would change consolidated organic full-year 2022 energy expense by $179.3 million as compared with 2021, assuming constant volumes. Further, the full-year 2022 impact on profitability and margins would be greater when considering the energy consumed by operations acquired 2021.

Commodity Risk. Cement is a commodity, and competition is based principally on price, which is highly sensitive to changes in supply and demand. Prices are often subject to material changes in response to relatively minor fluctuations in supply and demand, general economic conditions and other market conditions beyond the Company's control. Increases in the production capacity of industry participants or increases in cement imports tend to create an oversupply of such products leading to an imbalance between supply and demand, which can have a negative impact on product prices. There can be no assurance that prices for products sold will not decline in the future or that such declines will not have a material adverse effect on the Company's business, financial condition and results of operations. Assuming full- year 2021 cement product revenues of $494.5 million, a hypothetical 10% change in sales price would impact full-year cement product revenues by $49.5 million.

Cement is a key raw material in the production of ready mixed concrete. The Company may be unable to pass along increases in the costs of cement and raw materials to customers in the form of price increases for the Company's products. A hypothetical 10% change in cement costs in 2022 compared with 2021, assuming constant volumes, would change the ready mixed concrete product line cost of revenues by $32.3 million. While increases in cement pricing may negatively impact the profitability of the ready mixed concrete operations, the cement business would benefit, although the positive impact may not reflect a direct correlation to the impact on the ready mixed concrete business.

The Company consumes other raw material and supply commodities in its operations, the costs of which have been negatively impacted by high inflation. The Company periodically implements price increases due to rising costs. However, there is a lag between announced price increases and the time when they are fully realized.

Item 4. Controls and Procedures.

Evaluation of Disclosure Controls and Procedures. As of June 30, 2022, an evaluation was performed under the supervision and with the participation of the Company's management, including the Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and the operation of the Company's disclosure controls and procedures. Based on that evaluation, the Company's management, including the Chief Executive Officer and Chief Financial Officer, concluded that the Company's disclosure controls and procedures were effective as of June 30, 2022. During the quarter, the information systems of the Pacific Region operations acquired from Lehigh Hanson in October 2021 were integrated into the Company's current point of sale and general ledger systems. As of June 30, 2022, the Company's internal control over financial reporting was deemed effective inclusive of these system integrations.

Item 1. Legal Proceedings.

See *Note 10 Commitments and Contingencies, Legal and Administrative Proceedings*, of this Form 10-Q.

Item 1A. Risk Factors.

Reference is made to *Part I. Item 1A. Risk Factors and Forward-Looking Statements* of the Martin Marietta Annual Report on Form 10-K for the year ended December 31, 2021.

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

ISSUER PURCHASES OF EQUITY SECURITIES

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Number of Shares that May Yet be Purchased Under the Plans or Programs
April 1, 2022 - April 30, 2022	—	$ —	—	13,390,401
May 1, 2022 - May 31, 2022	—	$ —	—	13,390,401
June 1, 2022 - June 30, 2022	—	$ —	—	13,390,401
Total	—		—	

Reference is made to the press release dated February 10, 2015 for the December 31, 2014 fourth-quarter and full-year results and announcement of the share repurchase program. The Company's Board of Directors authorized a maximum of 20 million shares to be repurchased under the program. The program does not have an expiration date.

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 (17 CFR 229.104) is included in Exhibit 95 to this Quarterly Report on Form 10-Q.

Item 6. Exhibits.

Exhibit No.	Document
31.01	Certification dated July 28, 2022 of Chief Executive Officer pursuant to Securities and Exchange Act of 1934 Rule 13a-14 as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.02	Certification dated July 28, 2022 of Chief Financial Officer pursuant to Securities and Exchange Act of 1934 Rule 13a-14 as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.01	Written Statement dated July 28, 2022 of Chief Executive Officer required by 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.02	Written Statement dated July 28, 2022 of Chief Financial Officer required by 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
95	Mine Safety Disclosures
101.INS	Inline XBRL Instance Document – The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
101.SCH	Inline XBRL Taxonomy Extension Schema Document
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase
104	Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101)

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.

MARTIN MARIETTA MATERIALS, INC.
(Registrant)

Date: July 28, 2022

By: /s/ James A. J. Nickolas
James A. J. Nickolas
Sr. Vice President and
Chief Financial Officer

EXHIBIT 31.01

CERTIFICATION PURSUANT TO SECURITIES AND EXCHANGE ACT OF 1934 RULE 13a-14 AS ADOPTED PURSUANT TO SECTION 302 OF SARBANES-OXLEY ACT OF 2002

I, C. Howard Nye, certify that:

1. I have reviewed this Form 10-Q of Martin Marietta Materials, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the consolidated financial statements, and other financial information included in this report, fairly present in all material respects the consolidated financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

    a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

    b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with generally accepted accounting principles;

    c. Evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

    d. Disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting; and

5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of the registrant’s board of directors (or persons performing the equivalent functions):

   a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and

   b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

Date: July 28, 2022	By:	/s/ C. Howard Nye
		C. Howard Nye Chairman, President and Chief Executive Officer

EXHIBIT 31.02

CERTIFICATION PURSUANT TO SECURITIES AND EXCHANGE ACT OF 1934 RULE 13a-14 AS ADOPTED PURSUANT TO SECTION 302 OF SARBANES-OXLEY ACT OF 2002

I, James A. J. Nickolas, certify that:

1. I have reviewed this Form 10-Q of Martin Marietta Materials, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the consolidated financial statements, and other financial information included in this report, fairly present in all material respects the consolidated financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

    a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

    b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with generally accepted accounting principles;

    c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

    d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

    a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

    b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July 28, 2022

By: /s/ James A. J. Nickolas
James A. J. Nickolas
Sr. Vice President and
Chief Financial Officer

Written Statement Pursuant to 18 U.S.C. 1350,
As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

In connection with the Quarterly Report on Form 10-Q for the period ended June 30, 2022 (the “Report”) of Martin Marietta Materials, Inc. (the “Registrant”), as filed with the Securities and Exchange Commission on the date hereof, I, C. Howard Nye, the Chief Executive Officer of the Registrant, certify, to the best of my knowledge, that:

(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 Registrant.

/s/ C. Howard Nye
C. Howard Nye
Chairman, President and
Chief Executive Officer

Dated: July 28, 2022

A signed original of this written statement required by Section 906 has been provided to Martin Marietta Materials, Inc. and will be retained by Martin Marietta Materials, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

EXHIBIT 32.02

Written Statement Pursuant to 18 U.S.C. 1350,
As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

In connection with the Quarterly Report on Form 10-Q for the period ended June 30, 2022 (the “Report”) of Martin Marietta Materials, Inc. (the “Registrant”), as filed with the Securities and Exchange Commission on the date hereof, I, James A. J. Nickolas, the Chief Financial Officer of the Registrant, certify, to the best of my knowledge, that:

(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 Registrant.

/s/ James A. J. Nickolas
James A. J. Nickolas
Sr. Vice President and
Chief Financial Officer

Dated: July 28, 2022

A signed original of this written statement required by Section 906 has been provided to Martin Marietta Materials, Inc. and will be retained by Martin Marietta Materials, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

MINE SAFETY DISCLOSURES

The operation of the Company's domestic aggregates quarries and mines is subject to regulation by the federal Mine Safety and Health Administration (MSHA) under the Federal Mine Safety and Health Act of 1977 (the Mine Act). MSHA inspects the Company's quarries and mines on a regular basis and issues various citations and orders when it believes a violation has occurred under the Mine Act. Whenever MSHA issues a citation or order, it also generally proposes a civil penalty, or fine, related to the alleged violation. Citations or orders may be contested and appealed and, as part of that process, are often reduced in severity and amount; they are sometimes dismissed.

Under the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Dodd-Frank Act), the Company is required to present information regarding certain mining safety and health citations which MSHA has issued with respect to its aggregates mining operations in its periodic reports filed with the Securities and Exchange Commission (SEC). In evaluating this information, consideration should be given to factors such as: (i) the number of citations and orders will vary depending on the size of the quarry or mine and types of operations (i.e., underground or surface), (ii) the number of citations issued will vary from inspector to inspector and location to location, and (iii) citations and orders can be contested and appealed, and in that process, may be reduced in severity and amount, and are sometimes dismissed.

The Company has provided the information below in response to the SEC's rules and regulations issued under the provisions of the Dodd-Frank Act. The disclosures reflect U.S. mining operations only, as the requirements of the Dodd-Frank Act and the SEC rules and regulations thereunder do not apply to the Company's quarries and mines operated outside the United States.

The Company presents the following items regarding certain mining safety and health matters for the three months ended June 30, 2022:

- Total number of violations of mandatory health or safety standards that could significantly and substantially contribute to the cause and effect of a mine safety or health hazard under section 104 of the Mine Act for which the Company has received a citation from MSHA (hereinafter, "Section 104 S&S Citations"). If MSHA determines that a violation of a mandatory health or safety standard is likely to result in a reasonably serious injury or illness under the unique circumstance contributed to by the violation, MSHA will classify the violation as a "significant and substantial" violation (commonly referred to as an S&S violation). MSHA inspectors will classify each citation or order written as an S&S violation or not.

- Total number of orders issued under section 104(b) of the Mine Act (hereinafter, "Section 104(b) Orders"). These orders are issued for situations in which MSHA determines a previous violation covered by a Section 104(a) citation has not been totally abated within the prescribed time period, so a further order is needed to require the mine operator to immediately withdraw all persons (except authorized persons) from the affected area of a quarry or mine.

- Total number of citations and orders for unwarrantable failure of the mine operator to comply with mandatory health or safety standards under Section 104(d) of the Mine Act (hereinafter, "Section 104(d) Citations and Orders"). These violations are similar to those described above, but the standard is that the violation could significantly and substantially contribute to the cause and effect of a safety or health hazard, but the conditions do not cause imminent danger, and the MSHA inspector finds that the violation is caused by an unwarranted failure of the operator to comply with the health and safety standards.

- Total number of flagrant violations under section 110(b)(2) of the Mine Act (hereinafter, “Section 110(b)(2) Violations”). These violations are penalty violations issued if MSHA determines that violations are “flagrant”, for which civil penalties may be assessed. A “flagrant” violation means a reckless or repeated failure to make reasonable efforts to eliminate a known violation of a mandatory health or safety standard that substantially and proximately caused, or reasonably could have been expected to cause, death or serious bodily injury.

- Total number of imminent danger orders issued under section 107(a) of the Mine Act (hereinafter, “Section 107(a) Orders”). These orders are issued for situations in which MSHA determines an imminent danger exists in the quarry or mine and results in orders of immediate withdrawal of all persons (except certain authorized persons) from the area of the quarry or mine affected by its condition until the imminent danger and the underlying conditions causing the imminent danger no longer exist.

- Total dollar value of proposed assessments from MSHA under the Mine Act. These are the amounts of proposed assessments issued by MSHA with each citation or order for the time period covered by the reports. Penalties are assessed by MSHA according to a formula that considers a number of factors, including the mine operator’s history, size, negligence, gravity of the violation, good faith in trying to correct the violation promptly, and the effect of the penalty on the operator’s ability to continue in business.

- Total number of mining-related fatalities. Mines subject to the Mine Act are required to report all fatalities occurring at their facilities unless the fatality is determined to be “non-chargeable” to the mining industry. The final rules of the SEC require disclosure of mining-related fatalities at mines subject to the Mine Act. Only fatalities determined by MSHA not to be mining-related may be excluded.

- Receipt of written notice from MSHA of a pattern (or a potential to have such a pattern) of violations of mandatory health or safety standards that are of such nature as could have significantly and substantially contributed to the cause and effect of other mine health or safety hazards under Section 104(e) of the Mine Act. If MSHA determines that a mine has a “pattern” of these types of violations, or the potential to have such a pattern, MSHA is required to notify the mine operator of the existence of such a thing.

- Legal actions before the Federal Mine Safety and Health Review Commissions pending as of the last day of period.

- Legal actions before the Federal Mine Safety and Health Review Commissions initiated during period.

- Legal actions before the Federal Mine Safety and Health Review Commissions resolved during period.

The Federal Mine Safety and Health Review Commission (the Commission) is an independent adjudicative agency that provides administrative trial and appellate review of legal disputes arising under the Mine Act. The cases may involve, among other questions, challenges by operators to citations, orders and penalties they have received from MSHA, or complaints of discrimination by miners under Section 105 of the Mine Act. Appendix 1 shows, for each of the Company's quarries and mines identified, as of June 30, 2022, the number of legal actions pending before the Commission, along with the number of legal actions initiated before the Commission during the quarter as well as resolved during the quarter. In addition, Appendix 1 includes a footnote to the column for legal actions before the Commission pending as of the last day of the period, which footnote breaks down that total number of legal actions pending by categories according to the type of proceeding in accordance with various categories established by the Procedural Rules of the Commission.

Appendix 1 attached.

Location	MSHA ID	Section 104 S&S Citations (#)	Section 104(b) Orders (#)	Section 104(d) Citations and Orders (#)	Section 110(b) (2) Violations (#)	Section 107(a) Orders (#)	Total Dollar Value of MSHA Assessment/ $Proposed	Total Number of Mining Related Fatalities (#)	Received Notice of Pattern of Violation Under Section 104(e) (yes/no)	Received Notice of Potential to have Pattern under Section 104(e) (yes/no)	Legal Actions Pending as of Last Day of Period (#)*	Legal Actions Instituted During Period (#)	Legal Actions Resolved During Period (#)
Alexander Quarry	3101636	0	0	0	0	0	$ 0	0	no	no	0	0	0
American Stone	3100189	0	0	0	0	0	$ 0	0	no	no	0	0	0
Anderson Creek Quarry	4402963	0	0	0	0	0	$ 0	0	no	no	0	0	0
Appling Quarry	0901083	0	0	0	0	0	$ 0	0	no	no	0	0	0
Arrowood Quarry	3100059	0	0	0	0	0	$ 0	0	no	no	0	0	0
Asheboro Quarry	3100066	0	0	0	0	0	$ 0	0	no	no	0	0	0
Auburn Al Quarry	0100006	0	0	0	0	0	$ 0	0	no	no	0	0	0
Auburn GA Quarry	0900436	0	0	0	0	0	$ 0	0	no	no	0	0	0
Augusta GA Quarry	0900065	0	0	0	0	0	$ 133	0	no	no	0	0	0
Bakers Quarry	3100071	0	0	0	0	0	$ 0	0	no	no	0	0	0
Ball Ground Quarry	0900955	0	0	0	0	0	$ 0	0	no	no	0	0	0
Belgrade Quarry	3100064	0	0	0	0	0	$ 0	0	no	no	0	0	0
Benson Quarry	3101979	0	0	0	0	0	$ 0	0	no	no	0	0	0
Berkeley Quarry	3800072	0	0	0	0	0	$ 0	0	no	no	0	0	0
Bessemer City Quarry	3101105	0	0	0	0	0	$ 0	0	no	no	0	0	0
Bonds Quarry	3101963	0	0	0	0	0	$ 0	0	no	no	0	0	0
Boonesboro Quarry	1800024	0	0	0	0	0	$ 0	0	no	no	0	0	0
Burlington Quarry	3100042	0	0	0	0	0	$ 0	0	no	no	0	0	0
Caldwell Quarry	3101869	0	0	0	0	0	$ 0	0	no	no	0	0	0
Calhoun Quarry	4003395	0	0	0	0	0	$ 0	0	no	no	0	0	0
Calhoun Sand	3800716	0	0	0	0	0	$ 0	0	no	no	0	0	0
Castle Hayne Quarry	3100063	0	0	0	0	0	$ 0	0	no	no	0	0	0
Cayce	3800016	0	0	0	0	0	$ 0	0	no	no	0	0	0
Central Rock Quarry	3100050	0	0	0	0	0	$ 0	0	no	no	0	0	0
Charlotte Quarry	3100057	0	0	0	0	0	$ 133	0	no	no	0	0	0
Chattanooga Quarry	4003159	0	0	0	0	0	$ 0	0	no	no	0	0	0
Churchville Quarry	1800012	0	0	0	0	0	$ 0	0	no	no	0	0	0
Clarks Quarry	3102009	0	0	0	0	0	$ 0	0	no	no	0	0	0

Cumberland Quarry	3102237	0	0	0	0	0	$	0	0	no	no	0	0	0
Cumming Quarry	0900460	0	0	0	0	0	$	0	0	no	no	0	0	0
Denver Quarry	3101971	0	0	0	0	0	$	0	0	no	no	0	0	0
Doswell Quarry VA	4400045	0	0	0	0	0	$	0	0	no	no	0	0	0
Douglasville Quarry	0900024	0	0	0	0	0	$	0	0	no	no	0	0	0
East Alamance Quarry	3102021	0	0	0	0	0	$	0	0	no	no	0	0	0
Edgefield Quarry	3800738	0	0	0	0	0	$	0	0	no	no	0	0	0
Edmund Sand	3800662	0	0	0	0	0	$	0	0	no	no	0	0	0
Fountain Quarry	3100065	0	0	0	0	0	$	0	0	no	no	0	0	0
Franklin Quarry	3102130	0	0	0	0	0	$	0	0	no	no	0	0	0
Frederick Quarry	1800013	0	0	0	0	0	$	0	0	no	no	0	0	0
Fuquay Quarry	3102055	0	0	0	0	0	$	0	0	no	no	0	0	0
Garner Quarry	3100072	0	0	0	0	0	$	0	0	no	no	0	0	0
Georgetown II Quarry	3800525	0	0	0	0	0	$	0	0	no	no	0	0	0
Greensboro Portable Plt	3102336	0	0	0	0	0	$	0	0	no	no	0	0	0
Greensboro Portable Plt II	3102335	0	0	0	0	0	$	0	0	no	no	0	0	0
Hickory Quarry	3100043	0	0	0	0	0	$	0	0	no	no	0	0	0
Homer Quarry	0900958	0	0	0	0	0	$	0	0	no	no	0	0	0
Jamestown Quarry	3100051	0	0	0	0	0	$	0	0	no	no	0	0	0
Jefferson Quarry	0901106	0	0	0	0	0	$	0	0	no	no	0	0	0
Junction City Quarry	0901029	0	0	0	0	0	$	0	0	no	no	0	0	0
Kannapolis Quarry	3100070	0	0	0	0	0	$	0	0	no	no	0	0	0
Kent Sand & Gravel	1800745	0	0	0	0	0	$	0	0	no	no	0	0	0
Kings Mountain Quarry	3100047	0	0	0	0	0	$	133	0	no	no	0	0	0
Lemon Springs Quarry	3101104	0	0	0	0	0	$	0	0	no	no	0	0	0
Lithonia Quarry	0900023	0	0	0	0	0	$	0	0	no	no	0	0	0
Loamy Sand Gravel	3800721	0	0	0	0	0	$	0	0	no	no	0	0	0
Maiden Quarry	3102125	0	0	0	0	0	$	0	0	no	no	0	0	0
Mallard Creek Quarry	3102006	0	0	0	0	0	$	0	0	no	no	0	0	0
Matthews Quarry	3102084	1	0	0	0	0	$	0	0	no	no	0	0	0
Maylene Quarry	0100634	0	0	0	0	0	$	0	0	no	no	0	0	0
Medford Quarry	1800035	0	0	0	0	0	$	0	0	no	no	0	0	0
Midlothian Quarry	4403767	1	0	0	0	0	$	0	0	no	no	0	0	0
Misc Greensboro District	B8611	0	0	0	0	0	$	0	0	no	no	0	0	0
Morgan County	0901126	0	0	0	0	0	$	0	0	no	no	0	0	0
Newton Quarry	0900899	0	0	0	0	0	$	0	0	no	no	0	0	0
North Columbia	3800146	0	0	0	0	0	$	0	0	no	no	2	0	0

North East Quarry	1800417	0	0	0	0	0	$	0	0	no	no	0	0	0
Old Charleston Sand	3800702	0	0	0	0	0	$	0	0	no	no	0	0	0
O'Neal Plant Co 19	0103076	0	0	0	0	0	$	0	0	no	no	0	0	0
Onslow Quarry	3102120	0	0	0	0	0	$	0	0	no	no	0	0	0
Paulding Quarry	0901107	0	0	0	0	0	$	0	0	no	no	0	0	0
Perry Quarry	0801083	0	0	0	0	0	$	0	0	no	no	0	0	0
Pinesburg Quarry	1800021	0	0	0	0	0	$	0	0	no	no	0	0	0
Pomona Quarry	3100052	0	0	0	0	0	$	0	0	no	no	0	0	0
Raleigh Durham Quarry	3101941	0	0	0	0	0	$	0	0	no	no	0	0	0
Red Hill Quarry	4400072	0	0	0	0	0	$	0	0	no	no	0	0	0
Red Oak Quarry	0900069	1	0	0	0	0	$	0	0	no	no	0	0	0
Reidsville Quarry	3100068	0	0	0	0	0	$	0	0	no	no	0	0	0
Rock Hill Quarry	3800026	0	0	0	0	0	$	0	0	no	no	0	0	0
Rocky Point Quarry	3101956	0	0	0	0	0	$	0	0	no	no	0	0	0
Ruby Quarry	0900074	0	0	0	0	0	$	0	0	no	no	0	0	0
Salem Stone	3102038	0	0	0	0	0	$	0	0	no	no	0	0	0
Six Mile Quarry	0901144	0	0	0	0	0	$	0	0	no	no	0	0	0
St. Marys Sand Company	0901199	0	0	0	0	0	$	0	0	no	no	0	0	0
Statesville Quarry	3100055	0	0	0	0	0	$	0	0	no	no	0	0	0
Texas Quarry	1800009	1	0	0	0	0	$	454	0	no	no	0	0	0
Thomasville Quarry	3101475	0	0	0	0	0	$	0	0	no	no	0	0	0
Tyrone Quarry	0900306	0	0	0	0	0	$	0	0	no	no	0	0	0
Vance Quarry Co 19	0103022	0	0	0	0	0	$	0	0	no	no	1	0	0
Warfordsburg Quarry	3600168	0	0	0	0	0	$	0	0	no	no	0	0	0
Warrenton Quarry	0900580	0	0	0	0	0	$	0	0	no	no	0	0	0
Woodleaf Quarry	3100069	0	0	0	0	0	$	610	0	no	no	0	0	0
(45) North Indianapolis SURFACE	1200002	4	0	0	0	0	$	6,215	0	no	no	0	0	0
Alden Portable Plant #2	1302033	0	0	0	0	0	$	0	0	no	no	0	0	0
Alden Portable Sand	1302037	0	0	0	0	0	$	0	0	no	no	0	0	0
Alden Quarry	1300228	0	0	0	0	0	$	0	0	no	no	0	0	0
Ames Mine	1300014	0	0	0	0	0	$	133	0	no	no	0	0	0
Apple Grove S G	3301676	0	0	0	0	0	$	0	0	no	no	0	0	0
Belmont Sand	1201911	0	0	0	0	0	$	0	0	no	no	0	0	0
Bowling Green North Quarry	1500065	0	0	0	0	0	$	133	0	no	no	0	0	0
Bowling Green South Quarry	1500025	0	0	0	0	0	$	0	0	no	no	0	0	0
Burning Springs Mine	4608862	0	0	0	0	0	$	0	0	no	no	0	0	0

Carmel Sand	1202124	0	0	0	0	0	$	0	0	no	no	0	0	0
Cedar Rapids Quarry	1300122	0	0	0	0	0	$	0	0	no	no	0	0	0
Cedarville Quarry	3304072	0	0	0	0	0	$	133	0	no	no	0	0	0
Cloverdale Quarry	1201744	0	0	0	0	0	$	0	0	no	no	0	0	0
Cumberland Quarry	1500037	0	0	0	0	0	$	0	0	no	no	0	0	0
Des Moines Portable	1300150	0	0	0	0	0	$	0	0	no	no	0	0	0
Des Moines Portable #2	1300932	0	0	0	0	0	$	0	0	no	no	0	0	0
Dubois Quarry	2501046	1	0	0	0	0	$	540	0	no	no	0	0	0
Durham Mine	1301225	0	0	0	0	0	$	0	0	no	no	0	0	0
E Town Sand Gravel	3304279	1	0	0	0	0	$	378	0	no	no	0	0	0
Earlham Quarry	1302123	0	0	0	0	0	$	0	0	no	no	0	0	0
Elk River Wash Plant	2101218	0	0	0	0	0	$	0	0	no	no	0	0	0
Fairfield Quarry	3301396	0	0	0	0	0	$	133	0	no	no	0	0	0
Ferguson Quarry	1300124	0	0	0	0	0	$	0	0	no	no	0	0	0
Fort Calhoun Quarry	2501300	0	0	0	0	0	$	144	0	no	no	1	0	0
Fort Dodge Mine	1300032	0	0	0	0	1	$	266	0	no	no	0	0	0
Greenwood Quarry New	2300141	0	0	0	0	0	$	0	0	no	no	0	0	0
Harlan Quarry	1500071	0	0	0	0	0	$	0	0	no	no	0	0	0
Hartford Quarry	1500095	0	0	0	0	0	$	0	0	no	no	0	0	0
Inactive Iowa Grading	1302126	0	0	0	0	0	$	0	0	no	no	0	0	0
Iowa Grading	1302316	0	0	0	0	0	$	0	0	no	no	0	0	0
Johnson County Sand & Gravel	1202506	0	0	0	0	0	$	0	0	no	no	0	0	0
Kentucky Ave Mine	1201762	4	0	0	0	0	$	4,998	0	no	no	0	0	0
Kokomo Mine	1202105	0	0	0	0	0	$	133	0	no	no	0	0	0
Kokomo Sand	1202203	0	0	0	0	0	$	0	0	no	no	0	0	0
Kokomo Stone	1200142	0	0	0	0	0	$	399	0	no	no	0	0	0
Linn County Sand	1302208	0	0	0	0	0	$	0	0	no	no	0	0	0
Malcom Mine	1300112	0	0	0	0	0	$	0	0	no	no	0	0	0
Marshalltown Sand	1300718	0	0	0	0	0	$	0	0	no	no	0	0	0
Midwest Division OH	A2354	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 1	2101112	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 2	2101593	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 3	2103147	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 4	2103287	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 5	2101110	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 6	2103120	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Portable # 7	2103355	0	0	0	0	0	$	0	0	no	no	0	0	0

MN Portable # 8	2101843	0	0	0	0	0	$	0	0	no	no	0	0	0
MN Reclamation	2103690	0	0	0	0	0	$	0	0	no	no	0	0	0
Moore Quarry	1302188	0	0	0	0	0	$	0	0	no	no	0	0	0
New Harvey Sand	1301778	0	0	0	0	0	$	266	0	no	no	0	0	0
New Marshall Sand	1302504	0	0	0	0	0	$	0	0	no	no	0	0	0
Noblesville Sand	1201994	0	0	0	0	0	$	0	0	no	no	0	0	0
Noblesville Stone	1202176	0	0	0	0	0	$	266	0	no	no	1	1	0
North Indianapolis Quarry	1201993	0	0	0	0	0	$	0	0	no	no	0	0	0
North Valley Sand	2501271	0	0	0	0	0	$	0	0	no	no	0	0	0
Ottawa Quarry New	1401590	0	0	0	0	0	$	0	0	no	no	0	0	0
Pedersen Quarry	1302192	0	0	0	0	0	$	0	0	no	no	0	0	0
Petersburg Ky Gravel	1516895	0	0	0	0	0	$	0	0	no	no	0	0	0
Phillipsburg Quarry	3300006	0	0	0	0	0	$	0	0	no	no	0	0	0
Portland Quarry	1302122	0	0	0	0	0	$	0	0	no	no	0	0	0
Putnam Quarry Divest	1202242	0	0	0	0	0	$	0	0	no	no	0	0	0
Raccoon River Sand	1302315	0	0	0	0	0	$	0	0	no	no	0	0	0
Randolph Mine	2302308	1	0	0	0	0	$	2,940	0	no	no	0	0	0
Reasnor Sand	1300814	0	0	0	0	0	$	0	0	no	no	0	0	0
Saylorville Sand	1302290	0	0	0	0	0	$	0	0	no	no	0	0	0
Shamrock SG	3304011	0	0	0	0	0	$	0	0	no	no	0	0	0
Spring Valley Cook Rd SG	3304534	0	0	0	0	0	$	133	0	no	no	0	0	0
St Cloud Quarry	2100081	0	0	0	0	0	$	0	0	no	no	0	0	0
Stamper Mine	2302232	0	0	0	0	0	$	133	0	no	no	5	0	0
Sully Mine	1300063	0	0	0	0	0	$	0	0	no	no	0	0	0
Sunflower Qy Co 61	1401556	0	0	0	0	0	$	133	0	no	no	0	0	0
Troy Gravel	3301678	0	0	0	0	0	$	0	0	no	no	0	0	0
Walterloo Sand	2501314	0	0	0	0	0	$	0	0	no	no	0	0	0
Waverly Sand	1202038	0	0	0	0	0	$	0	0	no	no	0	0	0
Weeping Water Mine	2500998	0	0	0	0	0	$	338	0	no	no	0	0	0
West Center Sand	2501231	0	0	0	0	0	$	266	0	no	no	0	0	0
Xenia Gravel	3301393	0	0	0	0	0	$	0	0	no	no	0	0	0
Yellow Medicine Quarry	2100033	0	0	0	0	0	$	0	0	no	no	0	0	0
Clarkdale Sand & Gravel	0202524	0	0	0	0	0	$	0	0	no	no	0	0	0
Clayton	0400159	0	0	0	0	0	$	0	0	no	no	0	0	0
Coolidge Plant 65	0203173	0	0	0	0	0	$	0	0	no	no	0	0	0
Eagle Valley Plant	0404758	0	0	0	0	0	$	0	0	no	no	0	0	0
Granite Canyon Quarry	4800018	1	0	0	0	0	$	0	0	no	no	0	0	0

Greeley 35th Ready Mix	0504382	0	0	0	0	0	$	0	0	no	no	0	0	0
Greeley 35th Sand Gravel	0504613	0	0	0	0	0	$	0	0	no	no	0	0	0
Guernsey Quarry	4800004	0	0	0	0	0	$	0	0	no	no	0	0	0
Hassayampa	0202679	0	0	0	0	0	$	0	0	no	no	0	0	0
Hughson AGG & HMA	0401769	0	0	0	0	0	$	0	0	no	no	0	0	0
Irwindale Plant	0401838	0	0	0	0	0	$	0	0	no	no	0	0	0
Lakeside Vigilante Plant	0402685	0	0	0	0	0	$	0	0	no	no	0	0	0
Merced AGG & HMA	0402841	0	0	0	0	0	$	266	0	no	no	0	0	0
Milford Quarry Utah	4202177	0	0	0	0	0	$	0	0	no	no	0	0	0
Miramar Recycle Plant	0402911	0	0	0	0	0	$	0	0	no	no	0	0	0
Pacific Quarry	4500844	0	0	0	0	0	$	0	0	no	no	0	0	0
Parkdale Quarry	0504635	0	0	0	0	0	$	133	0	no	no	0	0	0
Parsons Sand Gravel	0503215	0	0	0	0	0	$	133	0	no	no	0	0	0
Penrose Sand and Gravel	0504509	0	0	0	0	0	$	0	0	no	no	0	0	0
Pier 92 Marine Aggregates	0405261	0	0	0	0	0	$	0	0	no	no	0	0	0
Platte Sand & Gravel	0504418	0	0	0	0	0	$	0	0	no	no	0	0	0
Portable Crushing	0503984	0	0	0	0	0	$	0	0	no	no	0	0	0
Portable Plant 1	0504359	0	0	0	0	0	$	0	0	no	no	0	0	0
Portable Plant 21	0504520	0	0	0	0	0	$	0	0	no	no	0	0	0
Red Canyon Quarry	0504136	0	0	0	0	0	$	0	0	no	no	0	0	0
Redding Cement	0400034	0	0	0	0	0	$	0	0	no	no	0	0	0
Rich Sand & Gravel	0504186	1	0	0	0	0	$	777	0	no	no	0	0	0
River Ranch AGG	0202646	0	0	0	0	0	$	0	0	no	no	0	0	0
Riverbend Sand Gravel	0504841	0	0	0	0	0	$	0	0	no	no	0	0	0
San Andreas AGG	0400539	0	0	0	0	0	$	0	0	no	no	0	0	0
Sanger AGG	0405799	0	0	0	0	0	$	0	0	no	no	0	0	0
Santa Margarita Aggregates	0401616	0	0	0	0	0	$	1,253	0	no	no	0	0	0
Santee Plant	0405564	0	0	0	0	0	$	0	0	no	no	0	0	0
Sisquoc Aggregates	0401959	0	0	0	0	0	$	133	0	no	no	0	0	0
Spec Agg Quarry	0500860	1	0	0	0	0	$	0	0	no	no	0	0	0
Sunol Plant	0401859	0	0	0	0	0	$	0	0	no	no	0	0	0
Taft Sand Gravel	0504526	0	0	0	0	0	$	169	0	no	no	0	0	0
Taft Wash Plant	0504735	0	0	0	0	0	$	144	0	no	no	0	0	0
Tehachapi Cement	0400196	0	0	0	0	0	$	0	0	no	no	0	0	0
Tidewater Oakland Marine Agg	0403002	0	0	0	0	0	$	0	0	no	no	0	0	0
Yavapai AGG	0201222	0	0	0	0	0	$	0	0	no	no	0	0	0
51 Sand & Gravel	4105381	0	0	0	0	0	$	0	0	no	no	0	0	0

Beckmann Quarry	4101335	0	0	0	0	0	$ 0	0	no	no	0	0	0
Bedrock Sand Gravel	4103283	0	0	0	0	0	$ 0	0	no	no	0	0	0
Bells Savoy SG	4104019	0	0	0	0	0	$ 0	0	no	no	0	0	0
Black Rock Quarry	0300011	0	0	0	0	0	$ 0	0	no	no	0	0	0
Black Spur Quarry	4104159	0	0	0	0	0	$ 198	0	no	no	0	0	0
Bridgeport Stone	4100007	0	0	0	0	0	$ 0	0	no	no	1	0	0
Broken Bow SG	3400460	1	0	0	0	0	$ 407	0	no	no	0	0	0
Chico Quarry	4103360	0	0	0	0	0	$ 0	0	no	no	0	0	0
Davis Quarry	3401299	1	0	0	0	0	$ 614	0	no	no	0	0	0
Garfield SG	4103909	0	0	0	0	0	$ 133	0	no	no	0	0	0
Garwood Gravel	4102886	0	0	0	0	0	$ 296	0	no	no	0	0	0
GMS	C335	0	0	0	0	0	$ 0	0	no	no	0	0	0
Gulf Coast Port #2	4104204	0	0	0	0	0	$ 0	0	no	no	0	0	0
Hatton Quarry	0301614	0	0	0	0	0	$ 0	0	no	no	0	0	0
Helotes	4103137	0	0	0	0	0	$ 0	0	no	no	0	0	0
Highway 211 Quarry	4103829	0	0	0	0	0	$ 0	0	no	no	0	0	0
Hondo	4104708	0	0	0	0	0	$ 0	0	no	no	0	0	0
Hugo Quarry	3400061	0	0	0	0	0	$ 0	0	no	no	0	0	0
Hunter Cement	4102820	0	0	0	0	0	$ 0	0	no	no	0	0	0
Hunter Stone	4105230	0	0	0	0	0	$ 0	0	no	no	0	0	0
Idabel Quarry	3400507	0	0	0	0	0	$ 0	0	no	no	0	0	0
Jones Mill Quarry	0301586	0	0	0	0	0	$ 266	0	no	no	0	0	0
Koontz McCombs Pit	4105048	0	0	0	0	0	$ 0	0	no	no	0	0	0
Liberty Ranch Sand	4105268	0	0	0	0	0	$ 0	0	no	no	1	0	0
Medina Rock Rail	4105170	0	0	0	0	0	$ 0	0	no	no	0	0	0
Midlothian Cement	4100071	2	0	0	0	0	$ 0	0	no	no	0	0	0
Mill Creek Limestone	3401859	0	0	0	0	0	$ 0	0	no	no	0	0	0
Mill Creek Quarry	3401285	0	0	0	0	0	$ 0	0	no	no	0	0	0
North Austin Quarry	4104380	0	0	0	0	0	$ 133	0	no	no	0	0	0
Perryville Aggregates	1601417	0	0	0	0	0	$ 0	0	no	no	0	0	0
Poteet Sand	4101342	0	0	0	0	0	$ 0	0	no	no	0	0	0
Rio Medina	4103594	0	0	0	0	0	$ 0	0	no	no	0	0	0
San Pedro Quarry	4101337	0	0	0	0	0	$ 133	0	no	no	0	0	0
Sawyer East Quarry	3401809	0	0	0	0	0	$ 0	0	no	no	0	0	0
Sawyer Quarry	3401634	0	0	0	0	0	$ 0	0	no	no	0	0	0
Smithson Valley Quarry	4104108	0	0	0	0	0	$ 133	0	no	no	0	0	0
Snyder Quarry	3401651	0	0	0	0	0	$ 133	0	no	no	0	0	0

Tin Top SG	4102852	0	0	0	0	0	$ 0	0	no	no	0	0	0
Washita Quarry	3402049	0	0	0	0	0	$ 0	0	no	no	0	0	0
Webberville	4104363	0	0	0	0	0	$ 133	0	no	no	0	0	0
Woodworth Aggregates	1601070	0	0	0	0	0	$ 0	0	no	no	0	0	0
Salisbury Shop	B9338	0	0	0	0	0	$ 0	0	no	no	0	0	0
Geology and Exploration	B7137	0	0	0	0	0	$ 0	0	no	no	0	0	0
Woodville Stone	3300156	0	0	0	0	0	$ 0	0	no	no	0	0	0
TOTAL		**22**	**0**	**0**	**0**	**1**	**$ 25,130**	**0**			**12**	**1**	**0**

* Of the 12 legal actions pending on June 30, 2022, seven were contests of citations or orders referenced in Subpart B of CFR Part 2700, which includes contests of citations and orders issued under Section 104 of the Mine Act and contests of imminent danger orders under Section 107 of the Mine Act and two were contests of proposed penalties referenced in Subpart C of 29 CFR Part 2700, which are administrative proceedings before the Commission challenging a civil penalty that MSHA has proposed for the violation contained in a citation or order, and three were a contest of an order issued under section 103 (K) of the Mine Act. The 107a order issued at Fort Dodge Mine on 6/6/2022 was modified on 6/14/2022 after MSHA determined the order should have been issued to the contractor.