

REFINITIV

DELTA REPORT

10-Q

CLH - CLEAN HARBORS INC
10-Q - JUNE 30, 2024 COMPARED TO 10-Q - MARCH 31, 2024

The following comparison report has been automatically generated

| | |
|--------------|-----|
| TOTAL DELTAS | 800 |
| CHANGES | 199 |
| DELETIONS | 306 |
| ADDITIONS | 295 |

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

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

FOR THE QUARTERLY PERIOD ENDED MARCH 31, JUNE 30, 2024

OR

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

FOR THE TRANSITION PERIOD FROM TO

Commission File Number 001-34223

CLEAN HARBORS, INC.

(Exact name of registrant as specified in its charter)

Massachusetts

04-2997780

(State or Other Jurisdiction of Incorporation or Organization)

(IRS Employer Identification No.)

42 Longwater Drive Norwell MA

02061-9149

(Address of Principal Executive Offices)

(Zip Code)

Registrant's Telephone Number, Including area code: (781) 792-5000

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

| Title of each class | Trading Symbol | Name of each exchange on which registered |
|--------------------------------|----------------|---|
| Common Stock, \$0.01 par value | CLH | New York Stock Exchange |

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

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

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

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 by Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

The number of shares of Common Stock, \$0.01 par value, of the registrant outstanding at April 26, 2024 July 26, 2024 was 53,935,124 53,972,593.

CLEAN HARBORS, INC.
QUARTERLY REPORT ON FORM 10-Q
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CLEAN HARBORS, INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(in thousands)

| | March 31, 2024 | December 31, 2023 |
|--|-------------------|-------------------|
| | June 30, 2024 | December 31, 2023 |
| ASSETS | | |
| Current assets: | | |
| Current assets: | | |
| Current assets: | | |
| Cash and cash equivalents | | |
| Cash and cash equivalents | | |
| Cash and cash equivalents | | |
| Short-term marketable securities | | |
| Accounts receivable, net of allowances aggregating \$47,129 and \$42,209, respectively | | |

| | | |
|---|--|--|
| Accounts receivable, net of allowances aggregating \$50,639 and \$42,209, respectively | | |
| Unbilled accounts receivable | | |
| Inventories and supplies | | |
| Prepaid expenses and other current assets | | |
| Total current assets | | |
| Property, plant and equipment, net | | |
| Other assets: | | |
| Operating lease right-of-use assets | | |
| Operating lease right-of-use assets | | |
| Operating lease right-of-use assets | | |
| Goodwill | | |
| Permits and other intangibles, net | | |
| Other long-term assets | | |
| Total other assets | | |
| Total assets | | |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Current liabilities: | | |
| Current liabilities: | | |
| Current portion of long-term debt | | |
| Current portion of long-term debt | | |
| Current portion of long-term debt | | |
| Accounts payable | | |
| Deferred revenue | | |
| Accrued expenses and other current liabilities | | |
| Current portion of closure, post-closure and remedial liabilities | | |
| Current portion of operating lease liabilities | | |
| Total current liabilities | | |
| Other liabilities: | | |
| Closure and post-closure liabilities, less current portion of \$14,079 and \$13,556, respectively | | |
| Closure and post-closure liabilities, less current portion of \$14,079 and \$13,556, respectively | | |
| Closure and post-closure liabilities, less current portion of \$14,079 and \$13,556, respectively | | |
| Remedial liabilities, less current portion of \$15,100 and \$13,358, respectively | | |
| Closure and post-closure liabilities, less current portion of \$15,813 and \$13,556, respectively | | |
| Closure and post-closure liabilities, less current portion of \$15,813 and \$13,556, respectively | | |
| Closure and post-closure liabilities, less current portion of \$15,813 and \$13,556, respectively | | |
| Remedial liabilities, less current portion of \$16,141 and \$13,358, respectively | | |
| Long-term debt, less current portion | | |
| Operating lease liabilities, less current portion | | |
| Deferred tax liabilities | | |
| Other long-term liabilities | | |
| Total other liabilities | | |
| Commitments and contingent liabilities (See Note 15) | Commitments and contingent liabilities (See Note 15) | Commitments and contingent liabilities (See Note 15) |
| Stockholders' equity: | | |
| Common stock, \$0.01 par value: | | |
| Common stock, \$0.01 par value: | | |
| Common stock, \$0.01 par value: | | |

Total liabilities and stockholders' equity

Interest expense, net of interest income of \$4,352, \$2,001, \$7,866, and \$4,956, respectively

Interest expense, net of interest income of \$4,352, \$2,001, \$7,866, and \$4,956, respectively

Interest expense, net of interest income of \$4,352, \$2,001, \$7,866, and \$4,956, respectively

Income before provision for income taxes

Provision for income taxes

Net income

Earnings per share:

Basic

Basic

Basic

Diluted

Shares used to compute earnings per share - Basic

Shares used to compute earnings per share - Diluted

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

CLEAN HARBORS, INC. AND SUBSIDIARIES
UNAUDITED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(in thousands)

| | Three Months Ended | | Six Months Ended | |
|--|--------------------|----------|------------------|------|
| | Three Months Ended | | Six Months Ended | |
| | March 31, | | | |
| | June 30, | June 30, | | |
| | 2024 | 2023 | 2024 | 2023 |
| Net income | | | | |
| Other comprehensive loss, net of tax: | | | | |
| Other comprehensive (loss) income, net of tax: | | | | |
| Unrealized (loss) gain on available-for-sale securities | | | | |
| Unrealized (loss) gain on available-for-sale securities | | | | |
| Unrealized (loss) gain on available-for-sale securities | | | | |
| Unrealized gain (loss) on fair value of interest rate hedges | | | | |
| Unrealized gain on fair value of interest rate hedges | | | | |
| Reclassification adjustment for interest rate hedge amounts realized in net income | | | | |
| Reclassification adjustment for settlement of interest rate hedges | | | | |
| Pension adjustments | | | | |
| Pension adjustments | | | | |
| Pension adjustments | | | | |
| Foreign currency translation adjustments | | | | |
| Other comprehensive loss, net of tax | | | | |
| Other comprehensive (loss) income, net of tax | | | | |
| Comprehensive income | | | | |

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

CLEAN HARBORS, INC. AND SUBSIDIARIES
UNAUDITED CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)

| | Three Months Ended | | March 31, | | Six Months Ended | June 30, |
|--|--------------------|------|-----------|------|------------------|----------|
| | 2024 | 2024 | 2023 | 2024 | 2023 | |
| Cash flows from operating activities: | | | | | | |
| Net income | | | | | | |
| Net income | | | | | | |
| Net income | | | | | | |
| Adjustments to reconcile net income to net cash from operating activities: | | | | | | |
| Depreciation and amortization | | | | | | |
| Depreciation and amortization | | | | | | |
| Depreciation and amortization | | | | | | |
| Allowance for doubtful accounts | | | | | | |
| Amortization of deferred financing costs and debt discount | | | | | | |
| Accretion of environmental liabilities | | | | | | |
| Changes in environmental liability estimates | | | | | | |
| Deferred income taxes | | | | | | |
| Other expense (income), net | | | | | | |
| Other expense, net | | | | | | |
| Stock-based compensation | | | | | | |
| Loss on early extinguishment of debt | | | | | | |
| Environmental expenditures | | | | | | |
| Environmental expenditures | | | | | | |
| Environmental expenditures | | | | | | |
| Changes in assets and liabilities, net of acquisitions: | | | | | | |
| Accounts receivable and unbilled accounts receivable | | | | | | |
| Accounts receivable and unbilled accounts receivable | | | | | | |
| Accounts receivable and unbilled accounts receivable | | | | | | |
| Inventories and supplies | | | | | | |
| Other current and non-current assets | | | | | | |
| Other current and long-term assets | | | | | | |
| Accounts payable | | | | | | |
| Other current and long-term liabilities | | | | | | |
| Net cash from operating activities | | | | | | |
| Cash flows used in investing activities: | | | | | | |
| Additions to property, plant and equipment | | | | | | |
| Additions to property, plant and equipment | | | | | | |
| Additions to property, plant and equipment | | | | | | |
| Proceeds from sale and disposal of fixed assets | | | | | | |
| Acquisitions, net of cash acquired | | | | | | |
| Proceeds from sale of business, net of transaction costs | | | | | | |
| Proceeds from sale of business | | | | | | |
| Additions to intangible assets including costs to obtain or renew permits | | | | | | |
| Purchases of available-for-sale securities | | | | | | |
| Proceeds from sale of available-for-sale securities | | | | | | |
| Net cash used in investing activities | | | | | | |
| Cash flows from (used in) financing activities: | | | | | | |
| Change in uncashed checks | | | | | | |
| Change in uncashed checks | | | | | | |
| Change in uncashed checks | | | | | | |
| Tax payments related to withholdings on vested restricted stock | | | | | | |
| Repurchases of common stock | | | | | | |
| Deferred financing costs paid | | | | | | |

| |
|---|
| Payments on finance leases |
| Payments on finance leases |
| Payments on finance leases |
| Principal payments on debt |
| Proceeds from issuance of debt, net of discount |
| Borrowing from revolving credit facility |
| Net cash from (used in) financing activities |
| Net cash from (used in) financing activities |
| Payment on revolving credit facility |
| Net cash from (used in) financing activities |
| Effect of exchange rate change on cash |
| Decrease in cash and cash equivalents |
| Cash and cash equivalents, beginning of period |
| Cash and cash equivalents, end of period |
| Supplemental information: |
| Cash payments for interest and income taxes: |
| Cash payments for interest and income taxes: |
| Cash payments for interest and income taxes: |
| Interest paid |
| Interest paid |
| Interest paid |
| Income taxes paid, net of refunds |
| Non-cash investing activities: |
| Property, plant and equipment accrued |
| Property, plant and equipment accrued |
| Property, plant and equipment accrued |
| ROU assets obtained in exchange for operating lease liabilities |
| ROU assets obtained in exchange for operating lease liabilities |
| ROU assets obtained in exchange for operating lease liabilities |
| ROU assets obtained in exchange for finance lease liabilities |

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

CLEAN HARBORS, INC. AND SUBSIDIARIES
UNAUDITED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(in thousands)

| | | | | | | | | | |
|--------|--------|------------|----------|---------------|--------|------------|----------|---------------|--|
| Common | | | | | | | | | |
| Stock | | | | | | | | | |
| Common | | | | | | | | | |
| Stock | | | | | | | | | |
| Common | | | | | | | | | |
| Stock | | | | | | | | | |
| <hr/> | | | | | | | | | |
| Number | | | | | | | | | |
| of | | | | | | | | | |
| Shares | | | | | | | | | |
| <hr/> | | | | | | | | | |
| Number | | | | | | | | | |
| of | | | | | | | | | |
| Shares | | | | | | | | | |
| <hr/> | | | | | | | | | |
| Number | \$0.01 | Additional | | Total | \$0.01 | Additional | | Total | |
| of | Par | Paid-in | Retained | Stockholders' | Par | Paid-in | Retained | Stockholders' | |
| Shares | Value | Capital | Earnings | Equity | Value | Capital | Earnings | Equity | |

| |
|---|
| Balance at January 1, 2024 |
| Net income |
| Other comprehensive loss |
| Stock-based compensation |
| Issuance of common stock for restricted share vesting, net of employee tax withholdings |
| Repurchases of common stock |
| Balance at March 31, 2024 |
| Net income |
| Other comprehensive loss |
| Stock-based compensation |
| Issuance of common stock for restricted share vesting, net of employee tax withholdings |
| Repurchases of common stock |
| Balance at March 31, 2024 |
| Balance at June 30, 2024 |
| Balance at March 31, 2024 |
| Balance at June 30, 2024 |
| Balance at March 31, 2024 |
| Balance at June 30, 2024 |

| | | | | | | | | |
|--------|--------|------------|----------|---------------|--------|------------|----------|---------------|
| Common | | | | | | | | |
| Stock | | | | | | | | |
| Common | | | | | | | | |
| Stock | | | | | | | | |
| Common | | | | | | | | |
| Stock | | | | | | | | |
| <hr/> | | | | | | | | |
| Number | | | | | | | | |
| of | | | | | | | | |
| Shares | | | | | | | | |
| <hr/> | | | | | | | | |
| Number | | | | | | | | |
| of | | | | | | | | |
| Shares | | | | | | | | |
| <hr/> | | | | | | | | |
| Number | \$0.01 | Additional | | Total | \$0.01 | Additional | | Total |
| of | Par | Paid-in | Retained | Stockholders' | Par | Paid-in | Retained | Stockholders' |
| Shares | Value | Capital | Earnings | Equity | Value | Capital | Earnings | Equity |

| |
|---|
| Balance at January 1, 2023 |
| Net income |
| Net income |
| Net income |
| Other comprehensive loss |
| Stock-based compensation |
| Issuance of common stock for restricted share vesting, net of employee tax withholdings |
| Repurchases of common stock |
| Balance at March 31, 2023 |
| Net income |
| Net income |
| Net income |
| Other comprehensive income |
| Stock-based compensation |
| Issuance of common stock for restricted share vesting, net of employee tax withholdings |



| |
|-----------------------------|
| Repurchases of common stock |
| Balance at March 31, 2023 |
| Balance at June 30, 2023 |
| Balance at March 31, 2023 |
| Balance at June 30, 2023 |
| Balance at March 31, 2023 |
| Balance at June 30, 2023 |

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

CLEAN HARBORS, INC. AND SUBSIDIARIES

NOTES TO UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS

(1) BASIS OF PRESENTATION

The accompanying consolidated interim financial statements are unaudited and include the accounts of Clean Harbors, Inc. and its subsidiaries (collectively, "Clean Harbors" or the "Company") and have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission ("SEC") and, in the opinion of management, include all adjustments which are of a normal recurring nature and are necessary for a fair presentation of the financial position, results of operations and cash flows for the periods presented. Management has made estimates and assumptions affecting the amounts reported in the Company's consolidated interim financial statements and accompanying footnotes; actual results could differ from those estimates and judgments. The results for interim periods are not necessarily indicative of results for the entire year or any other interim periods. The financial statements presented herein should be read in conjunction with the financial statements included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

(2) SIGNIFICANT ACCOUNTING POLICIES

The Company's significant accounting policies are described in Note 2, "Significant Accounting Policies," in the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

Accounting Pronouncements Not Yet Adopted

In November 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2023-07, *Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures*, which requires an enhanced disclosure of significant segment expenses on an annual and interim basis. This guidance will be effective for the Company's annual periods period beginning the year ended December 31, 2024 January 1, 2024, and for interim periods beginning January 1, 2025. Early adoption is permitted. Upon adoption, the guidance should be applied retrospectively to all prior periods presented in the financial statements. The requirements of this ASU are disclosure related and will not have an impact on the Company's financial condition, results of operations, or cash flows. The Company is currently evaluating the impact of adopting this new pronouncement ASU on its consolidated financial statements and reportable segment disclosures.

In December 2023, the FASB issued ASU No. 2023-09, *Income Taxes (Topic 740): Improvements to Income Tax Disclosures*, which enhances income tax disclosures related to the tax rate reconciliation and income taxes paid. This guidance will be effective for the annual periods beginning the year ended December 31, 2025. Early adoption is permitted. Upon adoption, the guidance can be applied prospectively or retrospectively. The requirements of this ASU are disclosure related and will not have an impact on the Company's financial condition, results of operations, or cash flows. The Company is currently evaluating the impact of adopting this new pronouncement ASU on its consolidated financial statements and income tax disclosures.

In March 2024, the SEC adopted the final rule under SEC Release No. 33-11275, *The Enhancement and Standardization of Climate-Related Disclosures for Investors*. The rules require disclosure of, among other things: material climate-related risks; activities to mitigate or adapt to such risks; governance and management of such risks; and material Scope 1 and Scope 2 greenhouse gas emissions. Additionally, the rules require disclosure in the notes to the financial statements of the effects of severe weather events and other natural conditions, subject to certain materiality thresholds. The rules will become effective on a phased-in timeline beginning with the year ended December 31, 2025. On April 4, 2024, the SEC voluntarily stayed implementation of the final rule to facilitate the orderly judicial resolution of pending legal challenges to the rule. The Company is currently evaluating the final rule to determine its impact on the Company's consolidated financial statements and disclosures.

(3) REVENUES

The Company generates revenues through the following operating segments: Environmental Services and Safety-Kleen Sustainability Solutions ("SKSS"). The Company's Environmental Services operating segment generally has four sources of revenue and the SKSS operating segment has two sources of revenue. The Company disaggregates third-party revenues by geographic location and source of revenue as management believes these categories depict how revenue and cash flows are affected by economic factors. The Company's significant sources of revenue include:

Technical Services—Technical Services contribute to the revenues of the Environmental Services operating segment. Revenues for these services are generated from fees charged for waste material management and disposal services including onsite environmental management services, collection and transportation, packaging, recycling, treatment and disposal of waste and remediation projects. These services handle hazardous and/or non-hazardous waste, including per- and polyfluoroalkyl substances

("PFAS"). Revenue is primarily generated by short-term projects, most of which are governed by master service agreements that are long-term in nature. These master service agreements are typically entered into with the Company's larger customers and outline the pricing and legal frameworks for such arrangements. Services are provided based on purchase orders or agreements with the

customer and include prices based upon units of volume of waste, material and personnel costs as well as transportation and other fees. Collection and transportation revenues are recognized over time, as the customer receives and consumes the benefits of the services as they are being performed and the Company has a right to payment for performance completed to date. The Company uses the input method to recognize revenue over time, based on time and materials incurred as a basis for measuring the satisfaction of the performance obligation. Revenues for treatment and disposal of waste are recognized upon completion of treatment, final disposition in a landfill or incinerator, or when the waste is shipped to a third-party for processing and disposal. The Company periodically enters into bundled arrangements for the collection and transportation and disposal of waste. For such arrangements, transportation and disposal are considered distinct performance obligations and the Company allocates revenue to each based on the relative standalone selling price (i.e., the estimated price that a customer would pay for the services on a standalone basis). Revenues and the related costs from waste that is not yet completely processed and disposed of are deferred. The deferred revenues and costs are recognized when the services are completed. The period between collection and transportation and the final processing and disposal ranges depending on the location of the customer, but generally is measured in days.

Industrial Services—Industrial Services contribute to the revenues of the Environmental Services operating segment. These revenues are primarily generated from industrial and specialty services provided to refineries, chemical plants, manufacturing facilities, power generation companies and other industrial customers throughout North America. Services include in-plant cleaning and maintenance services, plant outage and turnaround services, specialty cleaning services including chemical cleaning, pigging and high and ultra-high pressure water cleaning, leak detection and repair, daylighting, production services and upstream energy services. Services are provided based on purchase orders or agreements with the customer and include prices based upon daily, hourly or job rates for equipment, materials and personnel. The Company recognizes revenue for these services over time, as the customer receives and consumes the benefits of the services as they are being performed and the Company has a right to payment for performance completed to date. The Company uses the input method to recognize revenue over time, based on time and materials incurred.

Field and Emergency Response Services—Field and Emergency Response Services contribute to the revenues of the Environmental Services operating segment. Field Services revenues are generated from cleanup services at customer sites, including those managed by municipalities and utility providers, or other locations on a scheduled or emergency response basis. Services include confined space entry for tank cleaning, site decontamination, environmental remediation, railcar cleaning, manhole/vault clean outs, product recovery and transfer and vacuum services. Additional services include filtration, water treatment services and wetland restoration. Response services for environmental emergencies of any scale range from man-made disasters such as oil spills to natural disasters like hurricanes. Emergency response services also include spill cleanup on land and water, as well as contagion disinfection, decontamination and disposal services. Field and emergency response services are provided based on purchase orders or agreements with customers and include prices generally based upon daily, hourly or job rates for equipment, materials and personnel. The Company recognizes revenue for these services over time, as the customer receives and consumes the benefits of the services as they are being performed and the Company has a right to payment for performance completed to date. The Company uses the input method to recognize revenue over time, based on time and materials incurred. The duration of such services can be over a number of hours, several days or even months for larger scale projects.

Safety-Kleen Environmental Services—Safety-Kleen Environmental Services revenues contribute both to the Environmental Services operating segment and the SKSS operating segment depending upon the nature of such revenues and operating responsibilities relative to executing the revenue contracts. Revenues from providing containerized waste handling and disposal services, parts washer services and vacuum services, referred to collectively as the Safety-Kleen branches' core service offerings, contribute to the revenues of the Environmental Services operating segment. In addition, sales of packaged blended oil products and other complementary product sales contribute to the revenues of the Environmental Services operating segment. Revenues generated from waste oil, anti-freeze and oil filter collection services, sales of bulk blended oil products and sales of bulk automotive fluids contribute to the SKSS operating segment.

Generally, the revenue from services is recognized over time, as the customer receives and consumes the benefits of the services as they are being performed and the Company has a right to payment for performance completed to date. The duration of such services can be over a number of hours or several days. The Company uses the input method to recognize revenue over time, based on time and materials incurred. Product revenue is recognized upon the transfer of control whereby control transfers when the products are delivered to the customer. Containerized waste services consist of profiling, collecting, transporting and recycling or disposing of a wide variety of waste. Related collection and transportation revenues are recognized over time, as the customer receives and consumes the benefits of the services as they are being performed and the Company has a right to payment for performance completed to date. Parts washer services include customer use of the Company's parts washer equipment, cleaning and maintenance of the parts washer equipment and removal and replacement of used cleaning fluids. Parts washer services are considered a single performance obligation due to the highly integrated and interdependent nature of the arrangement. Revenue from parts washer services is recognized over the service interval as the customer receives the benefit of the services.

Safety-Kleen Oil—Safety-Kleen Oil related sales contribute to the revenues of the SKSS segment. These revenues are generated from sales of high-quality base and blended lubricating oils to third-party distributors, government agencies, fleets, railroads and industrial customers. The business also sells recycled fuel oil to asphalt plants, industrial plants and pulp and paper companies. The used oil is also processed into vacuum gas oil which can be further re-refined into lubricant base oils or sold directly into the

marine diesel oil fuel market. Revenue for oil products is recognized at a point in time, upon the transfer of control. Control transfers when the products are delivered to the customer.

The following tables present the Company's third-party revenue disaggregated by source of revenue and geography (in thousands):

| | Three Months Ended March 31, 2024 | | | |
|---------------------------------------|-----------------------------------|--------------------------|-----------|--------------|
| | Safety-Kleen | | | Total |
| | Environmental Services | Sustainability Solutions | Corporate | |
| Primary Geographical Markets | | | | |
| United States | \$ 1,053,458 | \$ 193,912 | \$ 102 | \$ 1,247,472 |
| Canada | 107,821 | 21,402 | — | 129,223 |
| Total third-party revenues | \$ 1,161,279 | \$ 215,314 | \$ 102 | \$ 1,376,695 |
| Sources of Revenue | | | | |
| Technical Services | \$ 407,491 | \$ — | \$ — | \$ 407,491 |
| Industrial Services and Other | 359,397 | — | 102 | 359,499 |
| Field and Emergency Response Services | 163,469 | — | — | 163,469 |
| Safety-Kleen Environmental Services | 230,922 | 53,021 | — | 283,943 |
| Safety-Kleen Oil | — | 162,293 | — | 162,293 |
| Total third-party revenues | \$ 1,161,279 | \$ 215,314 | \$ 102 | \$ 1,376,695 |

| | Three Months Ended March 31, 2023 | | | | | Three Months Ended June 30, 2024 | | | | |
|---------------------------------------|-----------------------------------|------------------------|---------------------------------------|-----------|-------|----------------------------------|---------------------------------------|-----------|-------|--|
| | Environmental Services | Environmental Services | Safety-Kleen Sustainability Solutions | Corporate | Total | Environmental Services | Safety-Kleen Sustainability Solutions | Corporate | Total | |
| Primary Geographical Markets | | | | | | | | | | |
| United States | | | | | | | | | | |
| United States | | | | | | | | | | |
| United States | | | | | | | | | | |
| Canada | | | | | | | | | | |
| Total third-party revenues | | | | | | | | | | |
| Sources of Revenue | | | | | | | | | | |
| Sources of Revenue | | | | | | | | | | |
| Sources of Revenue | | | | | | | | | | |
| Technical Services | | | | | | | | | | |
| Technical Services | | | | | | | | | | |
| Technical Services | | | | | | | | | | |
| Industrial Services and Other | | | | | | | | | | |
| Field and Emergency Response Services | | | | | | | | | | |
| Safety-Kleen Environmental Services | | | | | | | | | | |
| Safety-Kleen Oil | | | | | | | | | | |
| Total third-party revenues | | | | | | | | | | |

| | Three Months Ended June 30, 2023 | | | |
|---------------------------------------|----------------------------------|--------------------------|-----------|--------------|
| | Safety-Kleen | | | Total |
| | Environmental Services | Sustainability Solutions | Corporate | |
| Primary Geographical Markets | | | | |
| United States | \$ 1,041,739 | \$ 212,994 | \$ 116 | \$ 1,254,849 |
| Canada | 119,743 | 23,308 | — | 143,051 |
| Total third-party revenues | \$ 1,161,482 | \$ 236,302 | \$ 116 | \$ 1,397,900 |
| Sources of Revenue | | | | |
| Technical Services | \$ 389,908 | \$ — | \$ — | \$ 389,908 |
| Industrial Services and Other | 399,545 | — | 116 | 399,661 |
| Field and Emergency Response Services | 154,359 | — | — | 154,359 |

| | | | | |
|-------------------------------------|--------------|------------|--------|--------------|
| Safety-Kleen Environmental Services | 217,670 | 62,452 | — | 280,122 |
| Safety-Kleen Oil | — | 173,850 | — | 173,850 |
| Total third-party revenues | \$ 1,161,482 | \$ 236,302 | \$ 116 | \$ 1,397,900 |

| | Six Months Ended June 30, 2024 | | | |
|---------------------------------------|--------------------------------|--------------------------|-----------|--------------|
| | Safety-Kleen | | | Total |
| | Environmental Services | Sustainability Solutions | Corporate | |
| Primary Geographical Markets | | | | |
| United States | \$ 2,228,786 | \$ 426,701 | \$ 201 | \$ 2,655,688 |
| Canada | 229,791 | 43,935 | — | 273,726 |
| Total third-party revenues | \$ 2,458,577 | \$ 470,636 | \$ 201 | \$ 2,929,414 |
| Sources of Revenue | | | | |
| Technical Services | \$ 851,159 | \$ — | \$ — | \$ 851,159 |
| Industrial Services and Other | 718,868 | — | 201 | 719,069 |
| Field and Emergency Response Services | 416,362 | — | — | 416,362 |
| Safety-Kleen Environmental Services | 472,188 | 111,442 | — | 583,630 |
| Safety-Kleen Oil | — | 359,194 | — | 359,194 |
| Total third-party revenues | \$ 2,458,577 | \$ 470,636 | \$ 201 | \$ 2,929,414 |

| | Six Months Ended June 30, 2023 | | | |
|---------------------------------------|--------------------------------|--------------------------|-----------|--------------|
| | Safety-Kleen | | | Total |
| | Environmental Services | Sustainability Solutions | Corporate | |
| Primary Geographical Markets | | | | |
| United States | \$ 2,000,323 | \$ 434,765 | \$ 223 | \$ 2,435,311 |
| Canada | 222,141 | 47,835 | — | 269,976 |
| Total third-party revenues | \$ 2,222,464 | \$ 482,600 | \$ 223 | \$ 2,705,287 |
| Sources of Revenue | | | | |
| Technical Services | \$ 756,417 | \$ — | \$ — | \$ 756,417 |
| Industrial Services and Other | 735,924 | — | 223 | 736,147 |
| Field and Emergency Response Services | 302,445 | — | — | 302,445 |
| Safety-Kleen Environmental Services | 427,678 | 112,011 | — | 539,689 |
| Safety-Kleen Oil | — | 370,589 | — | 370,589 |
| Total third-party revenues | \$ 2,222,464 | \$ 482,600 | \$ 223 | \$ 2,705,287 |

Contract Balances

| (in thousands) | (in thousands) | March 31, 2024 | December 31, 2023 | (in thousands) | June 30, 2024 | December 31, 2023 |
|---|----------------|----------------|-------------------|----------------|---------------|-------------------|
| Receivables | | | | | | |
| Contract assets (unbilled receivables) | | | | | | |
| Contract liabilities (deferred revenue) | | | | | | |

The timing of revenue recognition, billings and cash collections results in billed accounts receivable, unbilled receivables (contract assets) and customer advances and deposits or deferred revenue (contract liabilities) on the consolidated balance sheet. Generally, billing occurs subsequent to revenue recognition, as a right to payment is not just subject to passage of time, resulting in contract assets, which are generally classified as current. The Company sometimes receives advances or deposits from its customers before revenue is recognized, resulting in contract liabilities. These assets and liabilities are reported on the consolidated balance sheet on a contract-by-contract basis at the end of each reporting period. The contract liability balances at the beginning of each period presented are generally fully recognized in the subsequent three-month period.

(4) BUSINESS COMBINATIONS

2024 Acquisitions

On March 22, 2024, the Company completed its acquisition of Hepaco Blocker, Inc. and its subsidiaries (collectively, "HEPACO") for an all-cash purchase price of \$395.4 million \$395.6 million, net of cash acquired and subject to final settlement of working capital balances. The operations of HEPACO expand the Environmental Services segment's field services business.

The preliminary allocation of the purchase price is provisional and was based on estimates of the fair value of assets acquired and liabilities assumed as of March 22, 2024. The Company continues to obtain information to complete the valuation of these balances and the associated income tax accounting. Measurement period adjustments will reflect new information obtained about facts and circumstances that existed as of the acquisition date. The following table summarizes the preliminary determination and recognition of assets acquired and liabilities assumed (in thousands):

| | At March 22, 2024 |
|---|-------------------|
| Accounts receivable, including unbilled receivables | \$ 68,496 |
| Inventories and supplies | 1,574 |
| Prepaid expenses and other current assets | 5,221 |
| Property, plant and equipment | 45,453 |
| Permits and other intangibles | 130,000 |
| Operating lease right-of-use assets | 9,385 |
| Other long-term assets | 2,660 |
| Accrued expenses and other current liabilities | (43,966) |
| Current portion of operating lease liabilities | (2,758) |
| Operating lease liabilities, less current portion | (6,627) |
| Deferred tax liabilities | (8,916) |
| Other long-term liabilities | (374) |
| Total identifiable net assets | 200,148 |
| Goodwill | 195,265 |
| Total purchase price | \$ 395,413 |

| | At Acquisition Date As Reported March 31, 2024 | Measurement Period Adjustments | At Acquisition Date As Reported June 30, 2024 |
|---|---|-----------------------------------|---|
| Accounts receivable, including unbilled receivables | \$ 68,496 | \$ 3,427 | \$ 71,923 |
| Inventories and supplies | 1,574 | (1,028) | 546 |
| Prepaid expenses and other current assets | 5,221 | (94) | 5,127 |
| Property, plant and equipment | 45,453 | — | 45,453 |
| Permits and other intangibles | 130,000 | 500 | 130,500 |
| Operating lease right-of-use assets | 9,385 | — | 9,385 |
| Other long-term assets | 2,660 | — | 2,660 |
| Accrued expenses and other current liabilities | (43,966) | (1,096) | (45,062) |
| Current portion of operating lease liabilities | (2,758) | — | (2,758) |
| Operating lease liabilities, less current portion | (6,627) | — | (6,627) |
| Deferred tax liabilities | (8,916) | — | (8,916) |
| Other long-term liabilities | (374) | — | (374) |
| Total identifiable net assets | 200,148 | 1,709 | 201,857 |
| Goodwill | 195,265 | (1,553) | 193,712 |
| Total purchase price | \$ 395,413 | \$ 156 | \$ 395,569 |

Other intangible assets acquired include customer relationships and trademarks/tradenames and are anticipated to have estimated useful lives of between 10 7 and 20 years with a weighted average useful life of approximately 19 years. The excess of the total purchase price, which includes the aggregate cash consideration paid in excess of the fair value of the tangible and intangible assets acquired and liabilities assumed, was recorded as goodwill. The goodwill recognized is attributable to the expected operating synergies, assembled workforce and growth potential that the Company expects to realize from the acquisition. Goodwill generated from the acquisition is not deductible for tax purposes.

The operations included in the Company's financial statements for the period ended March 31, June 30, 2024, and pro forma revenue and earnings amounts on a combined basis as if this acquisition had been completed on January 1, 2023 are immaterial to the unaudited consolidated financial statements of the Company.

On March 1, 2024, the Company acquired a privately-owned business Noble Oil Services, Inc and its subsidiaries (collectively, "Noble Oil") for an all-cash purchase price of \$68.9 million \$68.7 million, net of cash acquired and subject to the final settlement of acquired. The Company settled working capital balances for this acquisition in the second quarter of 2024 and adjusted the purchase price accordingly. The acquired company acquisition of Noble Oil expands the SKSS segment's oil collection operations in the southeastern region of the United States while also adding incremental production from the re-refinery owned and operated by the acquired company.

The preliminary allocation of the purchase price is provisional and was based on estimates of the fair value of assets acquired and liabilities assumed as of March 1, 2024. The Company continues to obtain information to complete the valuation of these balances and the associated income tax accounting. Measurement period adjustments will reflect new information obtained about facts and circumstances that existed as of the acquisition date. The following table summarizes the preliminary determination and recognition of assets acquired and liabilities assumed (in thousands):

| | At March 1, 2024 |
|---|------------------|
| Accounts receivable, including unbilled receivables | \$ 5,693 |
| Inventories and supplies | 6,817 |
| Prepaid expenses and other current assets | 423 |
| Property, plant and equipment | 38,914 |
| Permits and other intangibles | 20,200 |
| Operating lease right-of-use assets | 3,615 |
| Other long-term assets | 92 |
| Accrued expenses and other current liabilities | (8,990) |
| Current portion of operating lease liabilities | (1,823) |
| Operating lease liabilities, less current portion | (1,792) |
| Total identifiable net assets | 63,149 |
| Goodwill | 5,744 |
| Total purchase price | \$ 68,893 |

| | At Acquisition Date As Reported March 31, 2024 | Measurement Period Adjustments | At Acquisition Date As Reported June 30, 2024 |
|---|---|-----------------------------------|---|
| Accounts receivable, including unbilled receivables | 5,693 | 141 | 5,834 |
| Inventories and supplies | 6,817 | (219) | 6,598 |
| Prepaid expenses and other current assets | 423 | (16) | 407 |
| Property, plant and equipment | 38,914 | 3,514 | 42,428 |
| Permits and other intangibles | 20,200 | — | 20,200 |
| Operating lease right-of-use assets | 3,615 | — | 3,615 |
| Other long-term assets | 92 | — | 92 |
| Accrued expenses and other current liabilities | (8,990) | 96 | (8,894) |
| Current portion of operating lease liabilities | (1,823) | — | (1,823) |
| Operating lease liabilities, less current portion | (1,792) | — | (1,792) |
| Total identifiable net assets | 63,149 | 3,516 | 66,665 |
| Goodwill | 5,744 | (3,667) | 2,077 |
| Total purchase price | \$ 68,893 | \$ (151) | \$ 68,742 |

Other intangible assets acquired include customer relationships and trademarks/tradenames and are anticipated to have estimated useful lives of between 7 and 15 years with a weighted average useful life of approximately 13 years. The excess of the total purchase price, which includes the aggregate cash consideration paid in excess of the fair value of the tangible and intangible assets acquired and liabilities assumed, was recorded as goodwill. The goodwill recognized is attributable to the expected operating synergies and assembled workforce that the Company expects to realize from the acquisition. Goodwill generated from the acquisition is deductible for tax purposes.

The operations included in the Company's financial statements for the period ended March 31, June 30, 2024, and pro forma revenue and earnings amounts on a combined basis as if this acquisition had been completed on January 1, 2023 are immaterial to the unaudited consolidated financial statements of the Company.

2023 Acquisition

On March 31, 2023, the Company acquired Thompson Industrial Services, LLC ("Thompson Industrial") for an all-cash purchase price of \$110.9 million, net of cash acquired. The operations of Thompson Industrial expand the Environmental Services segment's industrial service operations in the southeastern region of the United States.

The Company finalized the purchase accounting for this acquisition. acquisition in the first quarter of 2024. The allocation of the purchase price was based on estimates of the fair value and assets acquired and liabilities assumed as of March 31, 2023. The following table summarizes the final determination and recognition of assets acquired and liabilities assumed (in thousands):

| | At Acquisition Date As Reported December 31, 2023 | At Acquisition Date As Reported December 31, 2023 | Measurement Period Adjustments | Final Allocation At Acquisition Date As Reported March 31, 2024 | At Acquisition Date As Reported December 31, 2023 | Measurement Period Adjustments | Final Allocation As Reported June 30, 2024 |
|---|---|---|--------------------------------------|---|---|--------------------------------------|---|
| Accounts receivable, including unbilled receivables | | | | | | | |
| Inventories and supplies | | | | | | | |
| Prepaid expenses and other current assets | | | | | | | |
| Property, plant and equipment | | | | | | | |
| Permits and other intangibles | | | | | | | |
| Operating lease right-of- use assets | | | | | | | |
| Other long-term assets | | | | | | | |
| Accrued expenses and other current liabilities | | | | | | | |
| Current portion of operating lease liabilities | | | | | | | |
| Operating lease liabilities, less current portion | | | | | | | |
| Other long-term liabilities | | | | | | | |
| Other long-term liabilities | | | | | | | |
| Other long-term liabilities | | | | | | | |
| Total identifiable net assets | | | | | | | |
| Goodwill | | | | | | | |
| Total purchase price | | | | | | | |

Permits and other intangible assets acquired include customer relationships, trademarks/tradenames and non-compete agreements and are anticipated to have estimated useful lives of between five and 15 years with a weighted average useful life of approximately 13 years. The excess of the total purchase price, which includes the aggregate cash consideration paid in excess of the fair value of the tangible and intangible assets acquired and liabilities assumed, was recorded as goodwill. The goodwill recognized is attributable to the expected operating synergies, assembled workforce and growth potential that the Company expects to realize from the acquisition. Goodwill generated from the acquisition is deductible for tax purposes.

(5) INVENTORIES AND SUPPLIES

Inventories and supplies consisted of the following (in thousands):

| | March 31, 2024 | December 31, 2023 |
|--------------------------------|----------------|-------------------|
| | June 30, 2024 | December 31, 2023 |
| Supplies | | |
| Oil and oil related products | | |
| Solvent and solutions | | |
| Other | | |
| Total inventories and supplies | | |

Supplies inventories consist primarily of critical spare parts to support the Company's incinerator and re-refinery operations and other general supplies used in our normal day-to-day operations. Other inventories consist primarily of parts washer components, cleaning fluids, absorbents and automotive fluids, such as windshield washer fluid and antifreeze.

(6) PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment consisted of the following (in thousands):

| | March 31, 2024 | December 31, 2023 |
|--|----------------|-------------------|
| | June 30, 2024 | December 31, 2023 |
| Land | | |
| Asset retirement costs (non-landfill) | | |
| Landfill assets | | |
| Buildings and improvements ⁽¹⁾ | | |
| Vehicles ⁽²⁾ | | |
| Vehicles ⁽²⁾ | | |
| Vehicles ⁽²⁾ | | |
| Equipment ⁽³⁾ | | |
| Construction in progress | | |
| Construction in progress | | |
| Construction in progress | | |
| | 5,104,675 | |
| | 5,233,118 | |
| Less - accumulated depreciation and amortization | | |
| Total property, plant and equipment, net | | |

(1) Balances inclusive of gross right-of-use ("ROU") assets classified as finance leases of \$8.0 million in both periods.

(2) Balances inclusive of gross ROU assets classified as finance leases of \$175.0 million \$205.8 million and \$151.7 million, respectively.

(3) Balances inclusive of gross ROU assets classified as finance leases of \$9.2 million in both periods.

Depreciation expense, inclusive of landfill and finance lease amortization, was \$82.2 million \$86.5 million and \$72.0 million \$168.7 million for the three and six months ended March 31, 2024 June 30, 2024, respectively. Depreciation expense, inclusive of landfill and March 31, 2023 finance lease amortization, was \$77.2 million and \$149.2 million for the three and six months ended June 30, 2023, respectively. The Company recorded \$2.9 million and \$5.3 million of capitalized interest during the three and six months ended June 30, 2024, respectively. The Company recorded \$2.5 1.4 million and and \$1.2 2.7 million of capitalized interest during the three and six months ended March 31, 2024 and March 31, 2023 June 30, 2023, respectively, mainly respectively. Capitalized interest in the periods presented is primarily attributable to the construction of a new incinerator in Kimball, Nebraska.

(7) GOODWILL AND OTHER INTANGIBLE ASSETS

The changes in goodwill by segment for the three six months ended March 31, 2024 June 30, 2024 were as follows (in thousands):

| | Environmental Services | Environmental Services | Safety-Kleen Sustainability Solutions | Totals | Environmental Services | Safety-Kleen Sustainability Solutions | Totals |
|---|------------------------|------------------------|---------------------------------------|--------|------------------------|---------------------------------------|--------|
| Balance at January 1, 2024 | | | | | | | |
| Increase from current period acquisitions | | | | | | | |
| Measurement period adjustments from prior period acquisitions | | | | | | | |
| Foreign currency translation | | | | | | | |
| Foreign currency translation | | | | | | | |
| Foreign currency translation | | | | | | | |
| Balance at March 31, 2024 | | | | | | | |
| Balance at June 30, 2024 | | | | | | | |

The Company assesses goodwill on an annual basis as of December 31 or at an interim date when events or changes in the business environment ("triggering events") would more likely than not reduce the fair value of a reporting unit below its carrying value. During the period ended March 31, 2024 June 30, 2024, no such triggering events were identified.

As of March 31, 2024 June 30, 2024 and December 31, 2023, the Company's intangible assets consisted of the following (in thousands):

| March 31, 2024 | | | | | | | | | | December 31, 2023 | | | | | |
|----------------|------|------|--------------------------|-----|--|------|--------------------------|-----|------|--------------------------|-----|------|--------------------------|-----|--|
| June 30, 2024 | | | | | | | | | | December 31, 2023 | | | | | |
| | Cost | Cost | Accumulated Amortization | Net | | Cost | Accumulated Amortization | Net | Cost | Accumulated Amortization | Net | Cost | Accumulated Amortization | Net | |

| |
|---|
| Permits |
| Customer and supplier relationships |
| Other intangible assets |
| Total amortizable permits and other intangible assets |
| Trademarks and trade names |
| Total permits and other intangible assets |

Amortization expense of permits, customer and supplier relationships and other intangible assets was \$12.9 million \$14.0 million and \$12.7 million \$26.9 million in the three and six months ended March 31, 2024 June 30, 2024, respectively. Amortization expense of permits, customer and March 31, 2023 supplier relationships and other intangible assets was \$12.5 million and \$25.2 million in the three and six months ended June 30, 2023, respectively.

The expected amortization of the net carrying amount of finite-lived intangible assets at March 31, 2024 June 30, 2024 was as follows (in thousands):

| Years Ending December 31, | Years Ending December 31, | Expected Amortization | Years Ending December 31, | Expected Amortization |
|---------------------------|---------------------------|-----------------------|---------------------------|-----------------------|
| 2024 (nine months) | | | | |
| 2024 (six months) | | | | |
| 2025 | | | | |
| 2026 | | | | |
| 2027 | | | | |
| 2028 | | | | |
| Thereafter | | | | |
| | \$ | | | |

(8) ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES

Accrued expenses and other current liabilities consisted of the following (in thousands):

| | March 31, 2024 | December 31, 2023 |
|--|----------------|-------------------|
| | June 30, 2024 | December 31, 2023 |
| Accrued insurance | | |
| Accrued compensation and benefits | | |
| Accrued income, real estate, sales and other taxes | | |
| Accrued interest | | |
| Accrued interest | | |
| Accrued interest | | |
| Accrued other | | |
| | \$ | |

(9) CLOSURE AND POST-CLOSURE LIABILITIES

The changes to closure and post-closure liabilities (also referred to as "asset retirement obligations") from January 1, 2024 through March 31, 2024 June 30, 2024 were as follows (in thousands):

| | Landfill Retirement Liability | Landfill Retirement Liability | Non-Landfill Retirement Liability | Total | Landfill Retirement Liability | Non-Landfill Retirement Liability | Total |
|----------------------------------|-------------------------------|-------------------------------|-----------------------------------|-------|-------------------------------|-----------------------------------|-------|
| Balance at January 1, 2024 | | | | | | | |
| New asset retirement obligations | | | | | | | |
| New asset retirement obligations | | | | | | | |
| New asset retirement obligations | | | | | | | |
| Accretion | | | | | | | |

| |
|---|
| Accretion |
| Accretion |
| Changes in estimates recorded to consolidated statement of operations |
| Changes in estimates recorded to consolidated balance sheet |
| Expenditures |
| Currency translation and other |
| Balance at March 31, 2024 |
| Balance at June 30, 2024 |

In the **three** **six** months ended **March 31, 2024** **June 30, 2024**, there were no significant benefits or charges resulting from changes in estimates for closure and post-closure liabilities.

(10) REMEDIAL LIABILITIES

The changes to remedial liabilities from January 1, 2024 through **March 31, 2024** **June 30, 2024** were as follows (in thousands):

| | Remedial Liabilities for Landfill Sites | Remedial Liabilities for Landfill Sites | Remedial Liabilities for Inactive Sites | Remedial Liabilities (Including Superfund) for Non-Landfill Operations | Total | Remedial Liabilities for Landfill Sites | Remedial Liabilities for Inactive Sites | Remedial Liabilities (Including Superfund) for Non-Landfill Operations | Total |
|---|---|---|---|---|-------|---|---|---|-------|
| Balance at January 1, 2024 | | | | | | | | | |
| Accretion | | | | | | | | | |
| Accretion | | | | | | | | | |
| Accretion | | | | | | | | | |
| Changes in estimates recorded to consolidated statement of operations | | | | | | | | | |
| Expenditures | | | | | | | | | |
| Currency translation and other | | | | | | | | | |
| Balance at March 31, 2024 | | | | | | | | | |
| Balance at June 30, 2024 | | | | | | | | | |

In the **three** **six** months ended **March 31, 2024** **June 30, 2024**, there were no significant benefits or charges resulting from changes in estimates for remedial liabilities. liabilities included a \$2.9 million reserve increase related to new information on the ultimate remediation of an existing Superfund site.

(11) FINANCING ARRANGEMENTS

Long-Term Debt

The following table is a summary of the Company's long-term debt (in thousands):

| | Current Portion of Long-Term Debt: | March 31, 2024 | December 31, 2023 | Current Portion of Long-Term Debt: | June 30, 2024 | December 31, 2023 |
|--|------------------------------------|----------------|-------------------|------------------------------------|---------------|-------------------|
| Secured senior term loans | | | | | | |
| Long-Term Debt: | | | | | | |
| Long-Term Debt: | | | | | | |
| Long-Term Debt: | | | | | | |
| Secured senior term loans due October 8, 2028 | | | | | | |
| Secured senior term loans due October 8, 2028 | | | | | | |
| Secured senior term loans due October 8, 2028 | | | | | | |
| Unsecured senior notes, at 4.875%, due July 15, 2027 ("2027 Notes") | | | | | | |
| Unsecured senior notes, at 5.125%, due July 15, 2029 ("2029 Notes") | | | | | | |
| Unsecured senior notes, at 6.375%, due February 1, 2031 ("2031 Notes") | | | | | | |
| Long-term debt, at par | | | | | | |

Long-term debt, at par
Long-term debt, at par
Unamortized debt issuance costs and discount

Long-term debt, at carrying value

Financing Activities

The Company's significant financing arrangements are described in Note 12, "Financing Arrangements," in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 and, other than as noted below, there have been no material changes to the arrangements described therein.

On June 28, 2024, the Company and one of the Company's Canadian subsidiaries (the "Canadian Borrower") entered into a seventh amended and restated credit agreement (the "Amended Credit Agreement") with Bank of America, N.A. ("BoFA"), as administrative agent, and the lenders party to the Amended Credit Agreement. The Amended Credit Agreement amends and restates the sixth amended and restated credit agreement dated October 28, 2020 (the "Prior Credit Agreement").

Under the Amended Credit Agreement, the Company has the right to obtain revolving loans and letters of credit for a combined maximum of up to \$550.0 million (with a sub-limit of \$250.0 million for letters of credit) and the Canadian Borrower has the right to obtain revolving loans and letters of credit for a combined maximum of up to \$50.0 million. The maximum borrowing amount of \$600.0 million under the Amended Credit Agreement, increased from \$400.0 million under the Prior Credit Agreement.

Borrowings by the Company under the Amended Credit Agreement will bear interest at the Company's option, at either (i) the sum of Term SOFR plus a SOFR Adjustment of 0.1% plus 1.5% per annum, or (ii) the U.S. Base Rate, plus 0.5% per annum, and borrowings by the Canadian Borrower will bear interest, at the Company's option, at either (i) the sum of Term CORRA plus a Term CORRA adjustment of either 0.29547% or 0.32138% for the one or three month interest period respectively, plus 1.5% per annum, (ii) the Canadian Prime Rate, plus 0.5% per annum, or (iii) the Canadian Base Rate, plus 0.5% per annum, as those terms are defined in the Amended Credit Agreement. Other terms under the Amended Credit Agreement are substantially the same as under the Prior Credit Agreement. Subject to certain customary conditions, the facility will expire on June 28, 2029.

The Company had no outstanding loan balance as of the under the Amended Credit Agreement as of the date of the amendment discussed above, June 30, 2024 or December 31, 2023. As of June 30, 2024, the Company had \$463.5 million available to borrow under the revolving credit facility and outstanding letters of credit were \$136.5 million.

On March 22, 2024, the Company and substantially all of the Company's domestic subsidiaries entered into Incremental Facility Amendment No. 5 to the Company's existing Credit Agreement, dated as of June 30, 2017 ("Term Loan Agreement"). Incremental Facility Amendment No. 5 provided for the incurrence of additional term loans (the "2024 Incremental Term Loans") under the Term Loan Agreement in the aggregate principal amount of \$500.0 million. Proceeds from the issuance of the 2024 Incremental Term Loans were \$494.7 \$491.2 million after debt discount and debt issuance costs, and were used to fund the acquisition of HEPACO, with the excess increasing the Company's cash balances. The 2024 Incremental Term Loans are in addition to the aggregate of \$980.0 million of term loans (the "Existing Term Loans") which were outstanding prior to the issuance of the 2024 Incremental Term Loans. Both the 2024 Incremental Term Loans and the Existing Term Loans (collectively referred to as the "2028 Term Loans") will mature on October 8, 2028, and may be prepaid at any time without premium or penalty other than customary breakage costs or if the Company engages in certain repricing transactions before September 22, 2024, in which event a 1.0% prepayment premium would be due. The Company's obligations under the 2028 Term Loans are guaranteed by substantially all of the Company's domestic restricted subsidiaries and secured by liens on substantially all of the assets of the Company and the guarantors.

The 2028 Term Loans bear interest, at the Company's election, at either of the following rates per annum: rates: (a) the sum of the Term SOFR Rate (as defined in the Term Loan Agreement) plus 0.11448% (the one-month Term SOFR adjustment) plus a SOFR Adjustment (as defined in the Term Loan Agreement) ranging from 0.11448% to 0.42826% (depending on the duration of the loan) plus 1.75% margin per annum, or (b) the sum of the Base Rate (as defined in the Term Loan Agreement) plus 0.75%, with margin per annum. The Term SOFR being rate is subject to a floor of 0.00% and the Base Rate being is subject to a floor of 1.00%. The Company has elected one-month Term SOFR for interest payments on that debt; however, the Term Loan Agreement provides for Term SOFR adjustments for other interest periods. Interest on the 2028 Term Loans is paid monthly with interest payments on the 2024 Incremental Term Loan portion commencing in April 2024.

The Company maintains a \$400.0 million revolving credit facility under which the Company had no outstanding loan balance as of March 31, 2024 and December 31, 2023. As of March 31, 2024, the Company had \$268.0 million available to borrow under the revolving credit facility and outstanding letters of credit were \$132.0 million. Subject to certain conditions, this credit facility will expire in October 2025.

As of March 31, 2024 June 30, 2024 and December 31, 2023, the estimated fair value of the Company's outstanding long-term debt, including the current portion, was \$2.8 billion and \$2.3 billion, respectively. The Company's estimates of fair value of its long-term debt, including the current portion, are based on quoted market prices or other available market data which are considered Level 2 measures according to the fair value hierarchy. Level 2 utilizes quoted market prices in markets that are not active, broker or dealer quotation or alternative pricing sources with reasonable levels of price transparency for similar assets and liabilities.

As of March 31, 2024 June 30, 2024, after taking into account the interest rate swaps discussed under the "Cash Flow Hedges" header below, the Company's variable rate debt consisted of \$876.2 million \$872.4 million of the 2028 Term Loans. The Company's interest rate on this variable rate debt as of March 31, 2024 June 30, 2024 was 7.19%.

Cash Flow Hedges

The Company's strategy to hedge against fluctuations in variable interest rates involves entering into interest rate derivative agreements.

The Company has entered into interest rate swap agreements with a notional amount of \$600.0 million ("2022 Swaps") to effectively fix the interest rate on \$600.0 million principal of the outstanding Existing Term Loans. The fixed rate on these instruments is 1.9645% and the variable rate is linked to the Term SOFR to mirror the variable interest payments for the Existing Term Loans. Including the 1.75% interest rate margin and the 0.11448% SOFR adjustment for the Existing Term Loans, the effective annual interest rate of this \$600.0 million of principal debt is approximately 3.83%. Prior to the phase-out of LIBOR as a referenced rate on June 30, 2023, the fixed rate was 0.931% and the variable rate was linked to LIBOR, again to mirror the LIBOR linked variable interest payments for the Existing Term Loans. With the then 2.00% interest rate margin for the Existing Term Loans, the effective annual interest rate of the \$600.0 million of principal debt was 2.931% through June 30, 2023. The 2022 Swaps will expire on September 30, 2027.

At the inception of these instruments, the Company designated the 2022 Swaps as cash flow hedges. As of March 31, 2024 June 30, 2024, the Company recorded a derivative asset with a fair value of \$42.2 million \$41.4 million related to the 2022 Swaps. The balance of the derivative asset as of December 31, 2023 was \$35.5 million. These assets are included in Other long-term assets on the consolidated balance sheets.

No ineffectiveness has been identified on the 2022 Swaps and, therefore the change in fair value is recorded in stockholders' equity as a component of accumulated other comprehensive loss. Amounts are reclassified from accumulated other comprehensive loss into interest expense on the unaudited consolidated statement of operations in the same period or periods during which the hedged transactions affect earnings.

(12) EARNINGS PER SHARE

The following are computations of basic and diluted earnings per share (in thousands, except per share amounts):

| | Three Months Ended | | Three Months Ended | | Three Months Ended | | Six Months Ended | |
|---|--------------------|------|--------------------|------|--------------------|------|------------------|------|
| | Three Months Ended | | Three Months Ended | | Three Months Ended | | Six Months Ended | |
| | March 31, | | June 30, | | June 30, | | June 30, | |
| | 2024 | 2023 | 2024 | 2023 | 2024 | 2023 | 2024 | 2023 |
| Numerator for basic and diluted earnings per share: | | | | | | | | |
| Net income | | | | | | | | |
| Net income | | | | | | | | |
| Net income | | | | | | | | |
| Denominator: | | | | | | | | |
| Denominator: | | | | | | | | |
| Denominator: | | | | | | | | |
| Weighted-average basic shares outstanding | | | | | | | | |
| Weighted-average basic shares outstanding | | | | | | | | |
| Weighted-average basic shares outstanding | | | | | | | | |
| Dilutive effect of outstanding stock awards | | | | | | | | |
| Dilutive shares outstanding | | | | | | | | |
| Basic earnings per share: | | | | | | | | |
| Basic earnings per share: | | | | | | | | |
| Basic earnings per share: | | | | | | | | |
| Diluted earnings per share: | | | | | | | | |
| Diluted earnings per share: | | | | | | | | |
| Diluted earnings per share: | | | | | | | | |

The Company included all outstanding performance awards and restricted stock awards in the calculation of diluted earnings per share except for as shown in the table below (in thousands):

| | Three Months Ended March 31, | |
|--|------------------------------|------|
| | 2024 | 2023 |
| Antidilutive restricted stock awards | 3 | 2 |
| Performance stock awards for which performance criteria was not attained at reporting date | 160 | 116 |

| | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|------|---------------------------|------|
| | 2024 | 2023 | 2024 | 2023 |
| Antidilutive restricted stock awards | 15 | — | 26 | 20 |
| Performance stock awards for which performance criteria was not attained at reporting date | 161 | 106 | 161 | 106 |

(13) ACCUMULATED OTHER COMPREHENSIVE LOSS

The changes in accumulated other comprehensive loss by component and related tax impacts for the three six months ended March 31, 2024 June 30, 2024 were as follows (in thousands):

| | Foreign Currency Translation Adjustments | Foreign Currency Translation Adjustments | Unrealized Loss on Available-For- Sale Securities | Unrealized Gain on Fair Value of Interest Rate Hedges | Unrealized Loss on Pension | Total | Foreign Currency Translation Adjustments | Unrealized Loss on Available-For- Sale Securities | Unrealized Gain on Fair Value of Interest Rate Hedges | Unrealized Loss on Pension | Total |
|--|---|---|---|---|----------------------------------|-------|---|---|--|----------------------------------|-------|
| Balance at January 1, 2024 | | | | | | | | | | | |
| Other comprehensive (loss) income before reclassifications | | | | | | | | | | | |
| Amounts reclassified out of accumulated other comprehensive loss | | | | | | | | | | | |
| Tax benefit (provision) | | | | | | | | | | | |
| Other comprehensive (loss) income | | | | | | | | | | | |
| Balance at March 31, 2024 | | | | | | | | | | | |
| Balance at June 30, 2024 | | | | | | | | | | | |

The amount realized in the unaudited consolidated statement of operations during the three and six months ended March 31, 2024 June 30, 2024 which was reclassified out of accumulated other comprehensive loss was as follows (in thousands):

| Component of Accumulated Other Comprehensive Loss | Three Months Ended March 31, 2024 | | Location |
|---|-----------------------------------|-------|--|
| Unrealized Gain on Fair Value of Interest Rate Hedges | \$ | 5,114 | Interest expense, net of interest income |

| Component of Accumulated Other Comprehensive Loss | Three Months Ended June 30, 2024 | | Six Months Ended June 30, 2024 | Location |
|---|----------------------------------|-------|--------------------------------|--|
| Unrealized Gain on Fair Value of Interest Rate Hedges | \$ | 5,097 | \$ 10,211 | Interest expense, net of interest income |

(14) STOCK-BASED COMPENSATION

Total stock-based compensation cost recognized for the three and six months ended March 31, 2024 June 30, 2024 was \$8.5 million and March 31, 2023 \$14.9 million, respectively. Total stock-based compensation cost recognized for the three and six months ended June 30, 2023 was \$6.3 million \$4.5 million and \$6.0 million \$10.5 million, respectively. The total income tax benefit recognized in the unaudited consolidated statements of operations from stock-based compensation expense for the three and six months ended March 31, 2024 June 30, 2024 was \$1.5 million and March 31, 2023 \$2.7 million, respectively. The total income tax benefit recognized in the unaudited consolidated statements of operations from stock-based compensation expense for the three and six months ended June 30, 2023 was \$1.2 million \$0.6 million and \$1.0 million \$1.7 million, respectively.

Restricted Stock Awards

The following table summarizes information about restricted stock awards for the three six months ended March 31, 2024 June 30, 2024:

| Restricted Stock | Restricted Stock | Number of Shares | Weighted Average Grant-Date Fair Value | Restricted Stock | Number of Shares | Weighted Average Grant-Date Fair Value |
|----------------------------|------------------|------------------|--|------------------|------------------|--|
| Balance at January 1, 2024 | | | | | | |
| Granted | | | | | | |
| Vested | | | | | | |
| Forfeited | | | | | | |
| Balance at March 31, 2024 | | | | | | |
| Balance at June 30, 2024 | | | | | | |

As of March 31, 2024 June 30, 2024, there was \$43.9 million \$48.2 million of total unrecognized compensation cost arising from restricted stock awards. This cost is expected to be recognized over a weighted average period of 3.3 3.1 years. The total fair value of restricted stock vested during the three and six months ended March 31, 2024 June 30, 2024 was \$7.2 million and March 31, 2023 \$10.9 million, respectively. The total fair value of restricted stock vested during the three and six months ended June 30, 2023 was \$3.7 million \$5.9 million and \$2.1 million \$8.1 million, respectively.

Performance Stock Awards

Performance stock awards are subject to performance criteria established by the Compensation and Human Capital Committee of the Company's Board of Directors prior to or at the date of grant. The performance stock awards are earned based on achieving certain revenue, Adjusted EBITDA Margin, Return on Invested Capital and Total Recordable Incident Rate targets, targets set forth in the applicable award agreements. Performance stock awards include continued service conditions through vesting.

The following table summarizes information about performance stock awards for the three six months ended March 31, 2024 June 30, 2024:

| | Performance Stock | Number of Shares | Weighted Average Grant-Date Fair Value | Performance Stock | Number of Shares | Weighted Average Grant-Date Fair Value |
|----------------------------|-------------------|------------------|--|-------------------|------------------|--|
| Performance Stock | | | | | | |
| Balance at January 1, 2024 | | | | | | |
| Granted | | | | | | |
| Vested | | | | | | |
| Forfeited | | | | | | |
| Balance at March 31, 2024 | | | | | | |
| Balance at June 30, 2024 | | | | | | |

As of March 31, 2024 June 30, 2024, there was \$7.4 million \$10.1 million of total unrecognized compensation cost arising from performance stock awards achieved or deemed probable of vesting. No performance awards vested during the three months ended June 30, 2024 and June 30, 2023. The total fair value of performance awards vested during the three six months ended March 31, 2024 June 30, 2024 and March 31, 2023 June 30, 2023 was \$3.7 million and \$7.8 million, respectively.

Employee Stock Purchase Plan

On May 22, 2024, the Company's shareholders approved the Clean Harbors Employee Stock Purchase Plan (the "ESPP"). The ESPP provides a means for eligible employees of the Company to authorize after-tax payroll deductions on a voluntary basis to be used for the periodic purchase of the Company's common stock at a 10% discount to its fair market value. The purchase price paid by the employees will be 90% of the lower of the closing price of the Company's common stock on (i) the first trading day of the offering period or (ii) the last trading day of the offering period. A total of 500,000 shares of common stock are reserved for issuance under the ESPP. As of June 30, 2024, no shares have been issued under the plan.

(15) COMMITMENTS AND CONTINGENCIES

The Company and its subsidiaries are subject to legal proceedings and claims arising in the ordinary course of business. Actions filed against the Company arise from commercial and employment-related claims including alleged class actions related to sales practices and wage and hour claims. The plaintiffs in these actions may be seeking damages or injunctive relief or both. These actions are in various jurisdictions and stages of proceedings, and some are covered in part by insurance. In addition, the Company's waste management services operations are regulated by federal, state, provincial and local laws enacted to regulate discharge of materials into the environment, remediation of contaminated soil and groundwater or otherwise protect the environment. This ongoing regulation results in the Company frequently becoming a party to legal or administrative proceedings involving all levels of government authorities and other interested parties. The issues involved in such proceedings generally relate to alleged violations of existing permits and licenses or alleged responsibility under federal or state Superfund laws to remediate contamination at properties owned either by the Company or by other parties ("third-party sites") to which either the Company or the prior owners of certain of the Company's facilities shipped waste.

At March 31, 2024 June 30, 2024 and December 31, 2023, the Company had recorded reserves of \$28.5 million \$32.6 million and \$32.4 million, respectively, for actual or probable liabilities related to the legal and administrative proceedings in which the Company was then involved, the principal of which are described below. As of March 31, 2024 June 30, 2024 and December 31, 2023, the \$28.5 million \$32.6 million and \$32.4 million, respectively, of reserves consisted of (i) \$23.6 million \$26.0 million and \$25.0 million, respectively, related to pending legal or administrative proceedings, including Superfund liabilities, which were included in remedial liabilities on the consolidated balance sheets, and (ii) \$4.9 million \$6.6 million and \$7.4 million, respectively, primarily related to federal, state and provincial enforcement actions, which were included in accrued expenses on the consolidated balance sheets.

In management's opinion, it is not reasonably possible that the potential liability beyond what has been recorded, if any, that may result from these actions, either individually or collectively, will have a material effect on the Company's financial position, results of operations or cash flows. The Company periodically adjusts the aggregate amount of these reserves when actual or probable liabilities are paid or otherwise discharged, new claims arise, or additional relevant information about existing or probable claims becomes available.

Legal or Administrative Proceedings

As of March 31, 2024 June 30, 2024, the principal legal and administrative proceedings in which the Company was involved, or which had been terminated during 2024, relate to Safety-Kleen product liability cases and Superfund proceedings.

Safety-Kleen Product Liability Cases: Safety-Kleen, Inc. ("Safety-Kleen"), which is a legal entity acquired by the Company in 2012, has been named as a defendant in certain product liability cases that are currently pending in various courts and jurisdictions throughout the United States. As of March 31, 2024 June 30, 2024, there were approximately 70 72 proceedings (excluding cases which have been settled but not formally dismissed) wherein persons claim personal injury resulting from the use of Safety-Kleen's parts cleaning

equipment or cleaning products. These proceedings typically involve allegations that the solvent used in Safety-Kleen's parts cleaning equipment contains contaminants and/or that Safety-Kleen's recycling process does not effectively remove the contaminants that become entrained in the solvent during their use. In addition, certain claimants assert that Safety-Kleen failed to warn adequately the product user of potential risks, including a historic failure to warn that solvent contains trace amounts of toxic or hazardous substances such as benzene.

The Company maintains insurance that it believes will provide coverage for these product liability claims (over amounts accrued for self-insured retentions and deductibles in certain limited cases), except for punitive damages to the extent not insurable under state law or excluded from insurance coverage. The Company historically has vigorously defended, and intends to continue to vigorously defend, itself and the safety of its products against all of these claims. Such matters are subject to many uncertainties and outcomes are not predictable with assurance. Consequently, the Company is unable to ascertain the ultimate aggregate amount of monetary liability or financial impact with respect to these matters as of **March 31, 2024** **June 30, 2024**. From January 1, 2024 to **March 31, 2024** **June 30, 2024**, **four** **nine** product liability claims were settled or dismissed. Due to the nature of these claims and the related insurance, the Company did not incur any expense as insurance provided coverage in full for all such claims. Safety-Kleen may be named in similar, additional lawsuits in the future, including claims for which insurance coverage may not be available.

Superfund Proceedings: The Company has been notified that either the Company (**which, since December 28, 2012, has included Safety-Kleen**) or the prior owners of certain **of the Company's facilities for which the Company may have certain indemnification obligations has since acquired** have been identified as potentially responsible parties ("PRPs") or potential PRPs **of indemnification obligations** in connection with 131 sites which are subject to or are proposed to become subject to proceedings under federal or state Superfund laws. Of the 131 Superfund related sites, six involve facilities that are now owned or leased by the Company and 125 involve third-party sites **to which either received waste potentially shipped by the Company or the prior owners of certain of facilities the Company's facilities shipped waste. Company has since acquired.** Of the 125 third-party sites, 30 are now settled, 13 are currently requiring expenditures on remediation and 82 are not currently requiring expenditures on remediation.

In connection with each site, the Company has estimated the extent, if any, to which it may be subject, either directly or as a result of any indemnification obligations, for cleanup and remediation costs, related legal and consulting costs associated with PRP investigations, settlements and related legal and administrative proceedings. The amount of such actual and potential liability is inherently difficult to estimate because of, among other relevant factors, uncertainties as to the legal liability (if any) of the Company or the prior owners of certain of the Company's facilities to contribute a portion of the cleanup costs, the assumptions that must be made in calculating the estimated cost and timing of remediation, the identification of other PRPs and their respective capability and obligation to contribute to remediation efforts and the existence and legal standing of indemnification agreements (if any) with prior owners, which may either benefit the Company or subject the Company to potential indemnification obligations. The Company believes its potential monetary liability could exceed \$1.0 million at three of the 131 Superfund related sites.

Of the 125 third-party sites at which the Company has been notified it is a PRP or potential PRP or may have indemnification obligations, the Company has indemnification agreements at a total of 17 sites. These agreements indemnify the Company (**which now includes Safety-Kleen**) with respect to any liability at the 17 sites for waste disposed prior to the Company's (**or Safety-Kleen's**) acquisition of the former subsidiaries of Waste Management, Inc. and McKesson Corporation which had shipped waste to those sites. Accordingly, the indemnifying parties are paying all costs of defending those subsidiaries in those 17 cases, including legal fees and settlement costs. However, there can be no guarantee that the Company's ultimate liabilities for those sites will not exceed the amount recorded or that indemnities applicable to any of these sites will be available to pay all or a portion of related costs. Except for those indemnification agreements discussed, the Company does not have an indemnity agreement with respect to any of the 125 third-party sites discussed above.

Federal, State and Provincial Enforcement Actions

From time to time, the Company pays fines or penalties in regulatory proceedings relating primarily to waste treatment, storage or disposal facilities. As of **March 31, 2024** **and December 31, 2023** **June 30, 2024**, there **were no proceedings was one proceeding** for which the Company **believes believed it is was** possible that the sanctions could equal or exceed \$1.0 million. **The As of December 31, 2023, there were no proceedings for which the Company believed it was possible that the sanctions could equal or exceed \$1.0 million. As of the date of these financial statements, the** Company believes that the fines or other penalties in this or any of the other regulatory proceedings will, individually or in the aggregate, not have a material effect on its financial condition, results of operations or cash flows.

(16) SEGMENT REPORTING

Segment reporting is prepared on the same basis that the Company's chief operating decision maker, which is a committee comprised of the Company's Co-Chief Executive Officers, manages the business, makes operating decisions and assesses performance. The Company is managed and reports as two operating segments; (i) the Environmental Services segment and (ii) the Safety-Kleen Sustainability Solutions segment.

Third-party revenue is revenue billed to outside customers by a particular segment. Direct revenue is revenue allocated to the segment providing the product or service. Intersegment revenues represent the sharing of third-party revenues among the segments based on products and services provided by each segment as if the products and services were sold directly to the third-party. The intersegment revenues are shown net. The operations not managed through the Company's operating segments described above are recorded as "Corporate Items."

The following tables reconcile third-party revenues to direct revenues for the three and six months ended March 31, 2024 June 30, 2024 and 2023 (in thousands):

| | Three Months Ended | | | Three Months Ended | | |
|---------------------------------------|----------------------|---------------------------------------|-----------------|----------------------|---------------------------------------|-----------------|
| | March 31, 2024 | | | March 31, 2023 | | |
| | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues |
| Environmental Services | \$ 1,161,279 | \$ 11,231 | \$ 1,172,510 | \$ 1,060,982 | \$ 9,759 | \$ 1,070,741 |
| Safety-Kleen Sustainability Solutions | 215,314 | (11,231) | 204,083 | 246,298 | (9,759) | 236,539 |
| Corporate Items | 102 | — | 102 | 107 | — | 107 |
| Total | \$ 1,376,695 | \$ — | \$ 1,376,695 | \$ 1,307,387 | \$ — | \$ 1,307,387 |

| | Three Months Ended | | | Three Months Ended | | |
|---------------------------------------|----------------------|---------------------------------------|-----------------|----------------------|---------------------------------------|-----------------|
| | June 30, 2024 | | | June 30, 2023 | | |
| | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues |
| Environmental Services | \$ 1,297,298 | \$ 12,085 | \$ 1,309,383 | \$ 1,161,482 | \$ 10,554 | \$ 1,172,036 |
| Safety-Kleen Sustainability Solutions | 255,322 | (12,085) | 243,237 | 236,302 | (10,554) | 225,748 |
| Corporate Items | 99 | — | 99 | 116 | — | 116 |
| Total | \$ 1,552,719 | \$ — | \$ 1,552,719 | \$ 1,397,900 | \$ — | \$ 1,397,900 |

| | Six Months Ended | | | Six Months Ended | | |
|---------------------------------------|----------------------|---------------------------------------|-----------------|----------------------|---------------------------------------|-----------------|
| | June 30, 2024 | | | June 30, 2023 | | |
| | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues | Third-Party Revenues | Intersegment Revenues (Expenses), net | Direct Revenues |
| Environmental Services | \$ 2,458,577 | \$ 23,316 | \$ 2,481,893 | \$ 2,222,464 | \$ 20,313 | \$ 2,242,777 |
| Safety-Kleen Sustainability Solutions | 470,636 | (23,316) | 447,320 | 482,600 | (20,313) | 462,287 |
| Corporate Items | 201 | — | 201 | 223 | — | 223 |
| Total | \$ 2,929,414 | \$ — | \$ 2,929,414 | \$ 2,705,287 | \$ — | \$ 2,705,287 |

The primary financial measure by which the Company evaluates the performance of its segments is Adjusted EBITDA, which consists of net income plus accretion of environmental liabilities, stock-based compensation, depreciation and amortization, net interest expense, loss on early extinguishment of debt and provision for income taxes and excludes other gains, losses and non-cash charges not deemed representative of fundamental segment results and other (expense) income, expense, net. Transactions between the segments are accounted for at the Company's best estimate based on similar transactions with outside customers.

The following table presents Adjusted EBITDA information used by management by reported segment (in thousands):

| | Three Months Ended | | Six Months Ended | | | |
|--|--------------------|------|------------------|------|------|------|
| | Three Months Ended | | June 30, 2024 | | | |
| | 2024 | 2023 | 2024 | 2023 | 2024 | 2023 |
| Adjusted EBITDA: | | | | | | |
| Environmental Services | | | | | | |
| Environmental Services | | | | | | |
| Environmental Services | | | | | | |
| Safety-Kleen Sustainability Solutions | | | | | | |
| Corporate Items | | | | | | |
| Total | | | | | | |
| Reconciliation to Consolidated Statements of Operations: | | | | | | |
| Accretion of environmental liabilities | | | | | | |
| Accretion of environmental liabilities | | | | | | |
| Accretion of environmental liabilities | | | | | | |
| Stock-based compensation | | | | | | |
| Depreciation and amortization | | | | | | |
| Income from operations | | | | | | |

| |
|--|
| Other expense (income), net |
| Other expense, net |
| Loss on early extinguishment of debt |
| Loss on early extinguishment of debt |
| Loss on early extinguishment of debt |
| Interest expense, net of interest income |
| Income before provision for income taxes |

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Forward-Looking Statements

In addition to historical information, this Quarterly Report on Form 10-Q contains forward-looking statements, which are generally identifiable by use of the words "believes," "expects," "intends," "anticipates," "plans to," "seeks," "should," "estimates," "projects," "may," "likely," "likely," "potential" or similar expressions. Such statements may include, but are not limited to, statements about future financial and operating results, the Company's plans, objectives, cost management initiatives, cash flow, liquidity, expectations and intentions and other statements that are not historical facts. Forward-looking statements are neither historical facts nor assurances of future performance. Such statements are based upon the beliefs and expectations of Clean Harbors' management as of the date of this date report only and are subject to certain risks and uncertainties that could cause actual results to differ materially, including, without limitation, risks and uncertainties and the items identified in Part I, Item 1A, "Risk Factors," in this report under Item 1A and in our Annual Report on Form 10-K filed with the Securities and Exchange Commission ("SEC") on February 21, 2024, and in other documents we file from time to time with the SEC. Therefore, readers are cautioned not to place undue reliance on these forward-looking statements, which reflect management's opinions only as of the date hereof. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. We undertake no obligation to revise or publicly release the results of any revision to these forward-looking statements.

Overview

We are North America's leading provider of environmental and industrial services, supporting our customers in finding environmentally responsible solutions to further their sustainability goals in today's world. Everywhere industry meets the environment, we strive to provide eco-friendly products and services that protect and restore North America's natural environment. We believe we operate, in the aggregate, the largest number of hazardous waste incinerators, landfills and treatment, storage and disposal facilities ("TSDFs") in North America. We serve over 300,000 customers, including the majority of Fortune 500 companies, across various markets including chemical and manufacturing, as well as numerous government agencies. These customers rely on us to safely deliver a broad range of services including but not limited to end-to-end hazardous waste management, emergency response, industrial cleaning and maintenance and recycling services. We are also a leading provider of parts cleaning and related environmental services to general manufacturing, automotive and commercial customers in North America and the largest re-refiner and recycler of used oil in North America, offering a unique closed-loop re-refining process that helps customers achieve their sustainability goals.

Performance of our segments is evaluated on several factors of which the primary financial measure is Adjusted EBITDA, which is reconciled to our net income and described more fully below. The following is a discussion of how management evaluates its segments using other factors, including key performance indicators that management uses to assess the segments' results, as well as certain macroeconomic trends and influences that impact each reportable segment:

- Environmental Services** - Environmental Services segment results are predicated upon the demand by our customers for our wide variety of services, waste volumes managed by delivering such services and project work for which responsible waste handling and/or disposal is required. Environmental Services results are also impacted by the demand for planned and unplanned industrial related cleaning and maintenance services at customer sites, environmental cleanup services on a scheduled or emergency basis, including response to large scale events such as major chemical spills, natural disasters, or other instances where immediate and specialized services are required. The Environmental Services segment results include the Safety-Kleen branches' core environmental service offerings of containerized waste disposal, parts washer and vacuum services. These results are driven by the volumes of waste collected from these customers, the overall number of parts washers placed at customer sites and the demand for and frequency of other offered services. The results and integration of the acquired operations of HEPACO Blocker, Inc. and its subsidiaries (collectively "HEPACO") also impact the overall segment results. In managing the business and evaluating performance, management tracks the volumes and mix of waste handled and disposed of or recycled, generally through our incinerators, TSDFs and landfills, the utilization rates of our incinerators, equipment and workforce, including billable hours and the number of parts washer services performed, and pricing realized by our business and peer companies as well as other key metrics. Levels of activity and ultimate performance associated with this segment can be impacted by several factors including overall U.S. North American GDP, U.S. industrial production, economic conditions in the general manufacturing, chemical and automotive markets, including efforts and economic incentives to increase domestic operations, available capacity at waste disposal outlets, weather conditions, efficiency of our operations, technology, changing regulations, competition, market pricing of our services, costs incurred to deliver our services and the management of our related operating costs.
- Safety-Kleen Sustainability Solutions** - Safety-Kleen Sustainability Solutions ("SKSS") segment results are impacted by our customers' demand for high-quality, environmentally responsible recycled oil products and their demand for our related service and product offerings. SKSS offers high quality recycled base and blended oil products and other automotive and industrial lubricants to fleet customers, distributors, manufacturers of oil products and industrial plants. Segment results are impacted by market pricing, overall demand and the mix of our oil products sales, with management's objective being to limit exposure to commodity market pricing risk through increased volumes production of value added lubricant products (e.g. blended oil, group III base oils) or strategic partnerships, lubricants and contracted rate supply

agreements with customers. Segment results are also predicated on the demand for other SKSS product and service offerings including collection services for used oil, used oil filters and other automotive fluids. The used oil collected is used as feedstock in our oil re-refining to produce our base and blended oil products and other hydraulic oils, lubricants and recycled fuel oil or are integrated into the Clean Harbors' recycling and disposal network. The results and integration of the acquired operations of Noble Oil Services, Inc. and its subsidiaries (collectively "Noble Oil") also impact the overall segment results. In operating the business and evaluating performance, management tracks the volumes and relative percentages of base and blended oil sales along with various pricing metrics associated with the commodity driven margin between product pricing and the overall costs associated with the collection of to collect used oil. Levels of activity and ultimate performance associated with this segment can be impacted by economic conditions and product demand in the manufacturing and automotive services markets, product pricing, efficiency of our operations, partnerships, technology, weather conditions, changing regulations, competition and the management of our related operating costs. Costs incurred in connection with the collection of used oil and other raw materials associated with the segment's oil related products can also be volatile and can be impacted by global events and their relative impact on commodity products and pricing. The overall market price of oil and regulations that change the possible usage of used oil or burning of used oil as a fuel, impact the premium the segment can charge for used oil collections.

Highlights

Total direct revenues for the three and six months ended March 31, 2024 June 30, 2024 were \$1,376.7 million \$1,552.7 million and \$2,929.4 million, compared with \$1,307.4 million \$1,397.9 million and \$2,705.3 million for the three and six months ended March 31, 2023 June 30, 2023. Our Environmental Services segment direct revenues increased \$101.8 million \$137.3 million and \$239.1 million or 9.5% 11.7% and 10.7% for the three and six months ended June 30, 2024, respectively, from the comparable periods in 2023 driven by growth in Technical Services, Field and Emergency Response Services, including the contributions from the acquisition of HEPACO, and Safety-Kleen core service offerings. For the three months ended June 30, 2024, our SKSS segment direct revenues increased \$17.5 million or 7.7%, from the comparable period in 2023, driven by growth across our service offerings and contributions from our acquisition of Noble Oil and higher base oil sales. For the recent acquisitions of Thompson Industrial and HEPACO. In the three six months ended March 31, 2024 June 30, 2024, our SKSS segment direct revenues decreased \$32.5 million \$15.0 million or 13.7% 3.2% from the comparable period in 2023, due to lower base oil product revenues resulting from market-driven pricing partially offset by higher revenue contributions from blended oil product sales Noble Oil. Foreign currency translation of our Canadian operations negatively impacted our consolidated direct revenues by \$2.9 million and \$2.5 million in the collection of used motor oil, three and six months ended June 30, 2024, respectively, compared to the same periods in 2023.

Income from operations for the three and six months ended March 31, 2024 June 30, 2024 was \$125.5 million \$215.5 million and \$341.0 million, compared with \$121.0 million \$189.8 million and \$310.8 million in the three and six months ended March 31, 2023 June 30, 2023, representing an increase of 3.7%, 13.5% and 9.7%, respectively. Net income for the three and six months ended March 31, 2024 June 30, 2024 was \$69.8 million \$133.3 million and \$203.1 million, compared with net income of \$72.4 million \$115.8 million and \$188.2 million in the three and six months ended March 31, 2023 June 30, 2023, representing a decrease an increase of 3.5%, 15.1% and 7.9%, respectively.

Adjusted EBITDA, which is the primary financial measure by which we evaluate our segments, increased 7.0% \$40.3 million or 14.0% from \$215.1 million \$287.5 million in the three months ended March 31, 2023 June 30, 2023 to \$230.1 million \$327.8 million in the three months ended March 31, 2024 June 30, 2024. This increase Adjusted EBITDA increased \$55.3 million or 11.0% from \$502.6 million in the six months ended June 30, 2023 to \$557.9 million in the six months ended June 30, 2024. Overall Adjusted EBITDA growth was driven by 15.8% of 17.8% and 16.9% Adjusted EBITDA growth in the Environmental Services segment, Segment in the three and six months ended June 30, 2024 respectively. Additional information regarding Adjusted EBITDA, which is a non-GAAP measure, including a reconciliation of net income to Adjusted EBITDA, to net income, appears below under "Adjusted EBITDA."

Net cash from operating activities for the three six months ended March 31, 2024 June 30, 2024 decreased \$9.5 million \$1.0 million from \$28.0 million \$235.6 million in 2023 to \$18.5 million \$234.6 million in 2024. As is typical for the first quarter, adjusted Adjusted free cash flow, which management uses to measure our financial strength and ability to generate cash, was an outflow of \$118.4 million \$34.1 million in the three six months ended March 31, 2024 June 30, 2024 as compared to an outflow inflow of \$51.8 million \$34.2 million in the comparable period of 2023. The decrease in adjusted free cash flow was driven by higher spend on property, plant and equipment net of proceeds from sale and disposal of fixed assets due to the purchase of a building for a strategic project in Baltimore, Maryland, continued incremental capital spend on the build out of our Kimball, Nebraska incinerator and incremental investments in vehicles, machinery and equipment, equipment and notable project spend including the acquisition and build out of our Baltimore, Maryland facility and the continued investment in our Kimball, Nebraska incinerator project. Additional

information regarding adjusted free cash flow, which is a non-GAAP measure, including a reconciliation of adjusted free cash flow to net cash from operating activities to adjusted free cash flow, appears below under "Adjusted Free Cash Flow."

Segment Performance

The primary financial measure by which we evaluate the performance of our segments is Adjusted EBITDA. The following table sets forth certain financial information associated with our results of operations for the three and six months ended March 31, 2024 June 30, 2024 and March 31, 2023 June 30, 2023 (in thousands, except percentages):

| Summary of Operations | | | | | Summary of Operations | | | | |
|-----------------------|----------------|--------|--|----------|-----------------------|---------------|--------|--|----------------|
| Three Months Ended | | | | | Three Months Ended | | | | Six Months End |
| March 31, 2024 | March 31, 2023 | Change | | % Change | June 30, 2024 | June 30, 2023 | Change | | % Change |

| | | | | | | | | | | | |
|--|---------------------------------------|-------------------|-------------------|------------------|--|-------------|--------------|-------------------|-------------------|------------------|-------------|
| Direct | | | | | | | | | | | |
| Revenues (1): | | | | | | | | | | | |
| Environmental Services | | | | | | | | | | | |
| Environmental Services | | | | | | | | | | | |
| Environmental Services | | \$1,172,510 | \$1,070,741 | \$101,769 | | 9.5% | \$1,309,383 | \$1,172,036 | \$137,347 | 11.7% | \$2 |
| Safety-Kleen Sustainability Solutions | Safety-Kleen Sustainability Solutions | 204,083 | 236,539 | (32,456) | | (13.7) | 243,237 | 225,748 | 17,489 | 7.7 | |
| Corporate Items | Corporate Items | 102 | 107 | (5) | | N/M | 99 | 116 | (17) | N/M | |
| Total | Total | 1,376,695 | 1,307,387 | 69,308 | | 5.3 | Total | 1,552,719 | 1,397,900 | 154,819 | 11.1 |
| Cost of Revenues (2): | | | | | | | | | | | |
| Cost of Revenues (2): | | | | | | | | | | | |
| Environmental Services | Environmental Services | 812,898 | 753,360 | 59,538 | | 7.9 | 853,705 | 781,251 | 72,454 | 9.3 | |
| Safety-Kleen Sustainability Solutions | Safety-Kleen Sustainability Solutions | 154,887 | 175,857 | (20,970) | | (11.9) | 170,434 | 153,901 | 16,533 | 10.7 | |
| Corporate Items | Corporate Items | 3,285 | 2,297 | 988 | | N/M | 11,403 | 12,360 | (957) | N/M | |
| Total | Total | 971,070 | 931,514 | 39,556 | | 4.2 | Total | 1,035,542 | 947,512 | 88,030 | 9.3 |
| Selling, General & Administrative Expenses: | | | | | | | | | | | |
| Selling, General & Administrative Expenses: | | | | | | | | | | | |
| Environmental Services | Environmental Services | 95,137 | 89,036 | 6,101 | | 6.9 | 95,763 | 85,163 | 10,600 | 12.4 | |
| Safety-Kleen Sustainability Solutions | Safety-Kleen Sustainability Solutions | 19,496 | 19,219 | 277 | | 1.4 | 21,327 | 18,432 | 2,895 | 15.7 | |
| Corporate Items | Corporate Items | 67,235 | 58,498 | 8,737 | | 14.9 | 80,786 | 63,787 | 16,999 | 26.6 | |
| Total | Total | 181,868 | 166,753 | 15,115 | | 9.1 | Total | 197,876 | 167,382 | 30,494 | 18.2 |
| Adjusted EBITDA: | | | | | | | | | | | |
| Adjusted EBITDA: | | | | | | | | | | | |
| Environmental Services | Environmental Services | 264,475 | 228,345 | 36,130 | | 15.8 | 359,915 | 305,622 | 54,293 | 17.8 | |
| Safety-Kleen Sustainability Solutions | Safety-Kleen Sustainability Solutions | 29,700 | 41,463 | (11,763) | | (28.4) | 51,476 | 53,415 | (1,939) | (3.6) | |
| Corporate Items | Corporate Items | (64,080) | (54,670) | (9,410) | | (17.2) | (83,575) | (71,531) | (12,044) | (16.8) | |
| Total | Total | \$ 230,095 | \$ 215,138 | \$ 14,957 | | 7.0% | Total | \$ 327,816 | \$ 287,506 | \$ 40,310 | 14.0 |
| Adjusted EBITDA as a % of Direct Revenues: | | | | | | | | | | | |
| Environmental Services (3) | | | | | | | | | | | |
| Environmental Services (3) | | | | | | | | | | | |
| Environmental Services (3) | | | | | | | | | | | |
| Safety-Kleen Sustainability Solutions(3) | | | | | | | | | | | |
| Safety-Kleen Sustainability Solutions(3) | | | | | | | | | | | |

| |
|--|
| Safety-Kleen Sustainability Solutions ⁽³⁾ |
| Corporate Items ⁽⁴⁾ |
| Corporate Items ⁽⁴⁾ |
| Corporate Items ⁽⁴⁾ |
| Total |
| Total |
| Total |

- N/M = not meaningful
- (1) Direct revenues are revenues allocated to the segment performing the provided service.

(2) Cost of revenues are shown exclusive of items presented separately on the consolidated statements of operations which consist of (i) accretion of environmental liabilities and (ii) depreciation and amortization.

(3) Calculated as a percentage of individual segment direct revenue.

(4) Calculated as a percentage of total Company **direct** revenue.

Direct Revenues

There are many factors which can impact our revenues including, but not limited to: overall levels of industrial activity and economic growth in North America, competitive industry pricing, overall market incineration capacity including captive incineration closures, changes in the regulatory environment including those related to per- and polyfluoroalkyl substances ("PFAS"), impacts of acquisitions and divestitures, the level of emergency response services, government infrastructure investment, reshoring of domestic manufacturing, existence or non-existence of large scale environmental waste and remediation projects, weather related events, the number of parts washers placed at customer sites, miles driven and related lubricant demand, base and blended oil pricing, market supply for base oil products, market changes relative to the collection of used oil **our ability to manage the spread between oil product prices and prices for the collection of used oil** and foreign currency translation. In addition, customer efforts to minimize hazardous waste and changes in regulation can impact our revenues.

Environmental Services

| Three Months Ended | | | | | | | Three Months Ended | | | | | | | Six Months Ended | | | | | | |
|------------------------------------|------------------------------------|-------------|-----------|-----|-----|---|------------------------------------|-------------|-----------|----------|------|------|-------------|------------------|-----------|-----|-----|--|--|--|
| Three Months Ended | | | | | | | Three Months Ended | | | | | | | Six Months Ended | | | | | | |
| Three Months Ended | | | | | | | Three Months Ended | | | | | | | Six Months Ended | | | | | | |
| March 31, | | | | | | | 2024 over 2023 | | | | | | | 2024 over 2023 | | | | | | |
| June 30, | | | | | | | June 30, | | | | | | | 2024 over 2023 | | | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | | | | | | (in thousands, except percentages) | | | | | | | | | | | | | |
| 2024 | 2023 | Change | % Change | | | | 2024 | 2023 | Change | % Change | | 2024 | 2023 | Change | % Change | | | | | |
| Direct revenues | | | | | | | | | | | | | | | | | | | | |
| Direct revenues | | | | | | | | | | | | | | | | | | | | |
| Direct revenues | \$1,172,510 | \$1,070,741 | \$101,769 | 9.5 | 9.5 | % | \$1,309,383 | \$1,172,036 | \$137,347 | 11.7 | 11.7 | % | \$2,481,893 | \$2,242,777 | \$239,116 | 9.6 | 9.6 | | | |

Environmental Services direct revenues for the three months ended **March 31, 2024** **June 30, 2024** increased **\$101.8 million** **\$137.3 million** from the comparable period in 2023 due to growth across **most of our service lines coupled with** driven by acquisitive growth and incremental revenues from **recent acquisitions**. legacy operations. Field and emergency response service revenues increased \$98.5 million from the comparable period in 2023 primarily driven by incremental revenue of approximately \$80 million from the acquisition of HEPACO as well as a larger number of mid to large scale emergency response events handled by legacy field and emergency response services operations during the three months ended June 30, 2024. Technical services revenue increased **\$41.0 million** **\$53.8 million** with contributions across our portfolio of waste disposal **services**. Higher services, including increased volumes and higher pricing of at our disposal services more than offset a 1% decrease in utilization, which was 79% incinerator and landfill facilities. Utilization at our incinerators increased by 4% to 88% for the three months ended March 31, 2024. Revenue from our industrial services operations grew \$23.0 million due June 30, 2024, as compared to contributions from the acquisition of Thompson Industrial which did not close until March 31, 2023, same period in 2023. Revenues for Safety-Kleen core service offerings grew by **\$20.9 million** **\$23.6 million** from the comparable period in 2023 due to improved pricing and greater demand for our containerized waste, parts washer and vacuum services. These increases were partially offset by decreased revenues from our industrial services operations which declined \$40.1 million due to lower industrial turnaround activity for the three months ended June 30, 2024, as compared to the same period in 2023. Direct revenues for Canadian operations of the Environmental Services segment decreased by \$2.4 million due to foreign currency translation.

Environmental Services direct revenues for the six months ended June 30, 2024 increased \$239.1 million from the comparable period in 2023 due to growth across most of our service lines driven by incremental revenues from recent acquisitions and legacy operations. Field and emergency response service revenues for the six months ended June 30, 2024 increased **\$15.4 million** **\$113.9 million** from the comparable period in 2023 driven by incremental revenue of approximately \$85 million from the acquisition of HEPACO

acquisition along with overall growth in core field and emergency response service offerings. Technical services revenue increased \$94.7 million with contributions across our portfolio of waste disposal services. Higher pricing and increased volumes at our incinerators and landfills drove incremental revenue within technical services. Utilization at our incinerators increased from 82% to 83% for the six months ended June 30, 2024 as compared to the same period in 2023. Revenues for Safety-Kleen core service offerings for the six months ended June 30, 2024 grew by \$44.5 million from the comparable period in 2023 due to improved pricing and greater demand for our containerized waste, parts washer and vacuum services. Revenue from our industrial services operations declined \$17.1 million due to lower industrial turnaround activity for the six months ended June 30, 2024 compared to the same period in 2023, partially offset by incremental revenue from the acquisition of Thompson Industrial Services which occurred in March 2023. Direct revenues for Canadian operations of the Environmental Services segment decreased by \$2.1 million due to foreign currency translation.

Safety-Kleen Sustainability Solutions

| | | Three Months Ended | | | | Three Months Ended | | | | Six Months Ended | | | |
|------------------------------------|------------------------------------|--------------------|-----------|-------------|----------|------------------------------------|-----------|-----------|----------|--------------------|-----------|-----------|-------------|
| | | Three Months Ended | | | | Three Months Ended | | | | Three Months Ended | | | |
| | | March 31, | | | | 2024 over 2023 | | | | | | | |
| | | June 30, | | | | 2024 over 2023 | | | | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change |
| Direct revenues | | | | | | | | | | | | | |
| Direct revenues | | | | | | | | | | | | | |
| Direct revenues | | \$204,083 | \$236,539 | \$ (32,456) | (13.7) | (13.7) | \$243,237 | \$225,748 | \$17,489 | 7.7 | \$447,320 | \$462,287 | \$ (14,967) |

In the three months ended March 31, 2024 June 30, 2024, SKSS direct revenues increased \$17.5 million from the comparable period in 2023 due to a \$20.0 million increase in revenues from the sale of vacuum gas oil and specialty refinery products largely resulting from the acquisition of Noble Oil which took place on March 1, 2024. Revenue from the sale of base oil for the three months ended June 30, 2024 increased \$10.6 million from the same period in 2023, due to favorable pricing and higher volumes sold. These increases were partially offset by a \$6.6 million reduction in revenues from blended oil sales due to lower pricing despite relatively consistent volume sold and a reduction of \$5.3 million in revenues from other product sales.

In the six months ended June 30, 2024, SKSS direct revenues decreased \$32.5 million \$15.0 million from the comparable period in 2023 largely due to a \$28.0 million \$17.4 million reduction in revenues from base oil sales driven primarily by lower pricing and, to a lesser extent, lower volumes sold. Revenue from the sale of recycled fuel oil and refinery by-products also decreased \$9.6 million from the comparable period while revenues from contract packaging decreased \$5.7 million. \$6.0 million and revenues generated from the sales of other products decreased \$4.3 million for the six months ended June 30, 2024 as compared to the same period in 2023. These decreases were partially offset by a \$9.6 million \$10.4 million increase in revenues from blended the sale of vacuum gas oil sales as higher volumes sold outpaced lower pricing. Revenues and specialty refinery products driven by the acquisition of Noble Oil. Furthermore, revenues from the collection of used oil for the six months ended June 30, 2024 increased \$4.3 million \$4.1 million as compared to the same period in 2023, which was driven by higher pricing for these services. services despite a relatively consistent volume of oil collected.

Cost of Revenues

We believe that management of operating costs is vital to our ability to remain price competitive. We continue to experience inflationary pressures across several cost categories, but most notably related to internal and external labor, transportation, maintenance costs, and energy related costs. We aim to manage these increases through constant cost monitoring and a focus on cost saving areas, including lowering employee turnover, as well as our overall customer pricing strategies designed to offset the negative inflationary impacts on our margins.

We continue to upgrade the quality and efficiency of our services through the development of new technology and continued modifications and expansion at our facilities while also leveraging certain fixed costs of our operating infrastructure. We invest in new business opportunities and aggressively implement strategic sourcing and logistics solutions, while also continuing to optimize our management and operating structure in an effort to manage our operating margins.

Environmental Services

| | | Three Months Ended | | | | Three Months En | | | |
|--|--|--------------------|--|--|--|--------------------|--|--|--|
| | | Three Months Ended | | | | Three Months Ended | | | |
| | | Three Months Ended | | | | Three Months Ended | | | |
| | | March 31, | | | | 2024 over 2023 | | | |
| | | June 30, | | | | 2024 over 2023 | | | |
| | | June 30, | | | | June 30, | | | |

| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | | 2023 | | Change | | % Change | (in thousands, except percentages) | 2024 |
|------------------------------------|------------------------------------|------|---------|------|---------|--------|--------|----------|------------------------------------|------------|
| Cost of revenues | Cost of revenues | \$ | 812,898 | \$ | 753,360 | \$ | 59,538 | 7.9 | Cost of revenues | \$ 853,705 |

As a
% of Direct
revenues

Environmental Services cost of revenues for the three months ended **March 31, 2024** **June 30, 2024** increased **\$59.5 million** **\$72.5 million** from the comparable period in 2023, however as a percentage of revenues decreased **1.1%** **resulting in improved margins of the segment** **1.5%**. Commensurate with the revenue growth in the business and recent acquisition of HEPACO, labor and benefit related costs increased **\$33.7 million** **\$43.3 million**, equipment and supply costs increased **\$14.4 million** **\$21.2 million** and external transportation, vehicle and fuel related costs increased **\$7.0 million** **\$4.4 million** for the three months ended **March 31, 2024** **June 30, 2024** when compared to the three months ended **March 31, 2023** **June 30, 2023**. Overall, the growth of revenue outpaced cost increases in all major cost categories **which we believe exhibits the strong operating leverage** **resulting in improved margins** of the segment.

Environmental Services cost of revenues for the six months ended **June 30, 2024** increased **\$132.0 million** from the comparable period in 2023, however as a percentage of revenues decreased **1.2%**. Commensurate with the revenue growth in the business and recent acquisitions, labor and benefit related costs increased **\$74.5 million**, equipment and supply costs increased **\$35.6 million** and external transportation, vehicle and fuel related costs increased **\$11.3 million** for the six months ended **June 30, 2024** when compared to the six months ended **June 30, 2023**. Overall, the growth of revenue outpaced cost increases in all major cost categories **resulting in improved margins** of the segment.

Safety-Kleen Sustainability Solutions

| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
|------------------------------------|------------------------------------|-----------|-----------|------------|----------|------------------------------------|-----------|-----------|----------|------------------|-----------|-----------|-----------|----------|
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| March 31, | | | | | | 2024 over 2023 | | | | 2024 over 2023 | | | | |
| 2024 over 2023 | | | | | | 2024 over 2023 | | | | 2024 over 2023 | | | | |
| June 30, | | | | | | June 30, | | | | June 30, | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change | % Change |
| Cost of revenues | Cost of revenues | \$154,887 | \$175,857 | \$(20,970) | (11.9) % | Cost of revenues | \$170,434 | \$153,901 | \$16,533 | 10.7 % | \$325,321 | \$329,758 | \$(4,437) | (1.3) % |

As a % of
Direct revenues

SKSS cost of revenues for the three months ended **March 31, 2024** **June 30, 2024** increased **\$16.5 million** from the comparable period in 2023 and as a percentage of revenues, increased by **1.9%**, due to product mix and higher costs from our Noble Oil acquisition. Overall, external transportation costs increased **\$7.0 million**, labor and benefits related costs increased **\$5.4 million**, and production costs increased **\$1.3 million** for the three months ended **June 30, 2024**, compared to the same period in 2023.

SKSS cost of revenues for the six months ended **June 30, 2024** decreased **\$21.0 million** **\$4.4 million** from the comparable period in 2023 but as a percentage of revenues, increased by **1.6%** **1.4%** driven by market related pricing decreases discussed in the **reduced revenues discussed** revenue section above. Overall costs of materials including oil additives and other raw materials decreased by **\$24.6 million** **mainly driven by** **\$23.3 million** between the six months ended **June 30, 2024** and the same period in 2023, due to lower **cost volumes of obtaining used base oil through our oil collection services**, inventory sold during the period. Partially offsetting these cost decreases were increases in **transportation costs** of **\$7.8 million** and labor and benefit related costs of **\$1.3 million**, **\$6.9 million** which were primarily driven by the operations of the Noble Oil acquisition.

Selling, General and Administrative Expenses

We strive to manage our selling, general and administrative ("SG&A") expenses commensurate with the overall performance of our segments and corresponding revenue levels. We believe our ability to properly align these costs with business performance is reflective of our strong management of the businesses and further promotes our ability to remain competitive in the marketplace.

Environmental Services

| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | |
|--------------------|--|--|--|--|--|--------------------|--|--|--|------------------|--|--|--|
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | |
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | |

| March 31, 2024 over 2023 | | | | | | 2024 over 2023 | | | | | | | | |
|------------------------------------|------------------------------------|----------|----------|---------|----------|------------------------------------|----------|----------|----------|----------------|-----------|-----------|----------|----------|
| | | | | | | 2024 over 2023 | | | | 2024 over 2023 | | | | |
| | | | | | | June 30, 2023 | | | | June 30, 2023 | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change | % Change |
| SG&A expenses | SG&A expenses | \$95,137 | \$89,036 | \$6,101 | 6.9 % | SG&A expenses | \$95,763 | \$85,163 | \$10,600 | 12.4 % | \$190,900 | \$174,199 | \$16,701 | 9.6 % |

As a % of Direct revenues

Environmental Services SG&A expenses for the three and six months ended March 31, 2024 June 30, 2024 increased \$6.1 million \$10.6 million and \$16.7 million, respectively, from the comparable period periods in 2023, however, remained relatively consistent as a percentage of segment revenues, continuing our trend of leveraging our SG&A base in the midst of revenue growth discussed above. Overall, investments in our employees led to higher labor SG&A expenses increased \$4.6 million and benefits related costs of \$5.8 million in the three and six months ended March 31, 2024 June 30, 2024, partially offset respectively, as compared to the same periods in 2023, due to additional costs from HEPACO operations. The remaining increases were spread across various cost categories and were driven by reductions across several other cost categories, overall growth in the segment results.

Safety-Kleen Sustainability Solutions

| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
|------------------------------------|------------------------------------|----------|----------|--------|----------|------------------------------------|-----------|----------|----------|------------------|----------|----------|---------|----------|
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| March 31, | | | | | | 2024 over 2023 | | | | | | | | |
| 2024 over 2023 | | | | | | 2024 over 2023 | | | | | | | | |
| June 30, 2023 | | | | | | June 30, 2023 | | | | | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change | % Change |
| SG&A expenses | SG&A expenses | \$19,496 | \$19,219 | \$ 277 | 1.4 % | SG&A expenses | \$ 21,327 | \$18,432 | \$ 2,895 | 15.7 % | \$40,823 | \$37,651 | \$3,172 | 8.4 % |

As a % of Direct revenues

SKSS SG&A expenses for the three months ended March 31, 2024 June 30, 2024 increased \$2.9 million and remained relatively consistent, with as a percentage of revenues, when compared to the prior period. However, same period in 2023. For the six months ended June 30, 2024, SKSS SG&A expenses increased \$3.2 million, and as a percentage of revenues, increased 1.5% from the prior period, mainly due 1.0%, when compared to the revenue reductions discussed above, same period in 2023. Overall, labor and benefit related costs increased \$2.5 million and \$3.2 million in the three and six months ended June 30, 2024 when compared to the same periods in 2023, mainly driven by the acquisition of Noble Oil.

Corporate Items

| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
|------------------------------------|------------------------------------|----------|----------|---------|----------|------------------------------------|----------|----------|----------|-------------------------|-----------|-----------|----------|----------|
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | |
| March 31, 2024 over 2023 | | | | | | 2024 over 2023 | | | | 2024 over 2023 | | | | |
| June 30, 2024 over 2023 | | | | | | June 30, 2024 over 2023 | | | | June 30, 2024 over 2023 | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change | % Change |
| SG&A expenses | SG&A expenses | \$67,235 | \$58,498 | \$8,737 | 14.9 % | SG&A expenses | \$80,786 | \$63,787 | \$16,999 | 26.6 % | \$148,021 | \$122,285 | \$25,736 | 21.0 % |

As a % of Total Company Direct revenues

Corporate SG&A expenses for the three months ended **March 31, 2024** increased **\$8.7 million from the comparable period in 2023 and \$17.0 million yet** remained relatively consistent as a percentage of our total **Clean Harbors'** direct revenues when compared to the same period in the prior year. In general, these cost increases **The increase in 2024 as compared to 2023 were due to higher** Corporate SG&A expenses for the three months ended June 30, 2024 was driven by a \$9.9 million increase in labor and benefits related costs primarily resulting from incremental headcount from the acquired operations and higher incentive compensation, a \$3.8 million change in legal reserve costs and a \$2.9 million increase in a remedial liability for an existing Superfund site.

Corporate SG&A expenses of \$6.6 million, which includes certain acquisition related severance costs, as well for the six months ended June 30, 2024 increased \$25.7 million yet remained relatively consistent as a **\$1.5 million** percentage of our total direct revenues when compared to the same period in the prior year. The increase in Corporate SG&A expenses for the six months ended June 30, 2024 was driven by an \$18.9 million increase in labor and benefits related costs, a \$3.8 million change in legal reserve costs and **other professional fees**, a \$2.9 million increase in a remedial liability for an existing Superfund site.

Adjusted EBITDA

Management considers Adjusted EBITDA to be a measurement of performance which provides useful information to both management and investors. Adjusted EBITDA should not be considered an alternative to net income or other measurements under generally accepted accounting principles ("GAAP"). We define Adjusted EBITDA as net income plus accretion of environmental liabilities, stock-based compensation, depreciation and amortization, net interest expense, loss on early extinguishment of debt and provision for income taxes and excludes other gains, losses and non-cash charges not deemed representative of fundamental segment results and other **(expense) income, expense, net**. Adjusted EBITDA is not calculated identically by all companies and therefore our measurements of Adjusted EBITDA, while defined consistently **and in accordance** with our existing credit agreement, may not be comparable to similarly titled measures reported by other companies.

We use Adjusted EBITDA to enhance our understanding of our operating performance, which represents our views concerning our performance in the ordinary, ongoing and customary course of our operations. We historically have found it helpful, and believe that investors have found it helpful, to consider an operating measure that excludes certain expenses relating to transactions not reflective of our core operations.

The information about our operating performance provided by Adjusted EBITDA is used by our management for a variety of purposes. We regularly communicate Adjusted EBITDA results to our lenders since our loan covenants are based upon levels of Adjusted EBITDA achieved and to our board of directors and we discuss with the board our interpretation of such results. We also compare our Adjusted EBITDA performance against internal targets as a key factor in determining cash and equity bonus compensation for executives and other employees, largely because we believe that this measure is indicative of how the fundamental business is performing and being managed.

We also provide information relating to our Adjusted EBITDA so that analysts, investors and other interested persons have the same data that we use to assess our core operating performance. We believe that Adjusted EBITDA should be viewed only as a supplement to the GAAP financial information. We also believe, however, that providing this information in addition to, and together with, GAAP financial information provides a better understanding of our core operating performance and how management evaluates and measures our performance.

The following table presents Adjusted EBITDA as well as Adjusted EBITDA as a percent of Direct Revenues by segment (in thousands, except percentages):

| | | Three Months Ended | | | | | |
|---------------------------------------|------------------------------------|--------------------|------------|-----------|----------|------------------------------------|------|
| | | Three Months Ended | | | | March 31, | |
| | | June 30, | | | | 2024 over 2023 | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | |
| Adjusted EBITDA: | | | | | | | |
| Environmental Services | | | | | | | |
| Environmental Services | | | | | | | |
| Environmental Services | | \$ 264,475 | \$ 228,345 | \$ 36,130 | 15.8 % | | \$: |
| Safety-Kleen Sustainability Solutions | | | | | | | |
| Corporate Items | | | | | | | |
| Total | Total | \$ 230,095 | \$ 215,138 | \$ 14,957 | 7.0 % | Total | |

| |
|---------------------------------------|
| Adjusted |
| EBITDA as a % of |
| Direct Revenues (1): |
| Environmental Services |
| Environmental Services |
| Environmental Services |
| Safety-Kleen Sustainability Solutions |
| Safety-Kleen Sustainability Solutions |
| Safety-Kleen Sustainability Solutions |
| Corporate Items |
| Corporate Items |
| Corporate Items |
| Total |
| Total |
| Total |

(1) Environmental Services and SKSS calculated as a percentage of individual segment **direct** revenues. Corporate Items calculated as a percentage of total Company **direct** revenues.

| The following is a reconciliation of net income to Adjusted EBITDA for the following periods (in thousands, except percentages): | | | | | | | | | |
|--|---------------------------|--------|--------------------|---------------------------|--------------------|--------|------------------|--------|--|
| | Three Months Ended | | Three Months Ended | | Three Months Ended | | Six Months Ended | | |
| | March 31, | | June 30, | | June 30, | | June 30, | | |
| | 2024 | 2023 | 2024 | 2023 | 2024 | 2023 | 2024 | 2023 | |
| Net income | | | | | | | | | |
| Accretion of environmental liabilities | | | | | | | | | |
| Stock-based compensation | | | | | | | | | |
| Depreciation and amortization | | | | | | | | | |
| Other expense (income), net | | | | | | | | | |
| Other expense, net | | | | | | | | | |
| Loss on early extinguishment of debt | | | | | | | | | |
| Interest expense, net of interest income | | | | | | | | | |
| Interest expense, net of interest income | | | | | | | | | |
| Interest expense, net of interest income | | | | | | | | | |
| Provision for income taxes | | | | | | | | | |
| Adjusted EBITDA | | | | | | | | | |
| As a % of Direct revenues | As a % of Direct revenues | 16.7 % | 16.5 % | As a % of Direct revenues | 21.1 % | 20.6 % | 19.0 % | 18.6 % | |

Depreciation and Amortization

| | Three Months Ended | Three Months Ended | Six Months Ended |
|--|--------------------|--------------------|--------------------|
| | Three Months Ended | Three Months Ended | Three Months Ended |
| | March 31, | 2024 over 2023 | June 30, |
| | 2024 over 2023 | June 30, | 2024 over 2023 |
| | June 30, | 2024 over 2023 | June 30, |
| | 2024 over 2023 | June 30, | 2024 over 2023 |

| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | 2024 | 2023 | Change | % Change |
|---|---|----------|----------|----------|----------|---|-----------|----------|----------|----------|-----------|-----------|----------|----------|
| Depreciation of fixed assets and amortization of landfills and finance leases | Depreciation of fixed assets and amortization of landfills and finance leases | \$82,215 | \$72,032 | \$10,183 | 14.1 | Depreciation of fixed assets and amortization of landfills and finance leases | \$86,472 | \$77,194 | \$9,278 | 12.0 | \$168,687 | \$149,226 | \$19,461 | 12.9 |
| Permits and other intangibles amortization | | | | | | | | | | | | | | |
| Total depreciation and amortization | Total depreciation and amortization | \$95,065 | \$84,758 | \$10,307 | 12.2 | Total depreciation and amortization | \$100,504 | \$89,697 | \$10,807 | 12.0 | \$195,569 | \$174,455 | \$21,114 | 12.1 |

Depreciation and amortization for the three and six months ended **March 31, 2024** June 30, 2024 increased by \$10.3 million \$10.8 million and \$21.1 million from the comparable **period periods** in 2023 due to the depreciation of **fixed assets** and amortization of **intangible assets** placed in service **in the second half of 2023 and throughout 2024** including the incremental assets acquired **in from the Thompson Industrial acquisition** which occurred on **March 31, 2023**.

March 2024 HEPACO and Noble Oil acquisitions.

Loss on Early Extinguishment of Debt

| Three Months Ended | | | | | | | | | | Three Months Ended | | | | | | | | | | Six Months Ended | | | | | | | | | |
|--------------------------------------|--------------------------------------|------|------------|----------|----------|--------------------------------------|------|------|--------|-------------------------|--------------------------------------|------|------|--------|----------|--------------------------------------|------|------------|----------|-------------------------|--|--|--|--|--|--|--|--|--|
| Three Months Ended | | | | | | | | | | Three Months Ended | | | | | | | | | | Six Months Ended | | | | | | | | | |
| Three Months Ended | | | | | | | | | | Three Months Ended | | | | | | | | | | Six Months Ended | | | | | | | | | |
| March 31, | | | | | | | | | | 2024 over 2023 | | | | | | | | | | June 30, 2024 over 2023 | | | | | | | | | |
| June 30, 2024 over 2023 | | | | | | | | | | June 30, 2024 over 2023 | | | | | | | | | | June 30, 2024 over 2023 | | | | | | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | | | | | | | | | |
| Loss on early extinguishment of debt | Loss on early extinguishment of debt | \$— | \$ (2,362) | \$ 2,362 | (100.0) | Loss on early extinguishment of debt | \$— | \$— | \$— | — | Loss on early extinguishment of debt | \$— | \$— | \$— | — | Loss on early extinguishment of debt | \$— | \$ (2,362) | \$ 2,362 | 100.0 | | | | | | | | | |

During the **three six** months ended **March 31, 2023** June 30, 2023, we recorded a \$2.4 million loss on early extinguishment of debt in connection with the repayment of outstanding debt due in 2024.

Interest Expense, Net of Interest Income

| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | | |
|------------------------------------|------------------------------------|------|------|--------|----------|------------------------------------|------|------|--------|------------------|------------------------------------|------|------|--------|----------|
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | | |
| Three Months Ended | | | | | | Three Months Ended | | | | Six Months Ended | | | | | |
| March 31, | | | | | | 2024 over 2023 | | | | 2024 over 2023 | | | | | |
| June 30, | | | | | | June 30, | | | | June 30, | | | | | |
| (in thousands, except percentages) | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change | (in thousands, except percentages) | 2024 | 2023 | Change | % Change |
| | | | | | | | | | | | | | | | |

Net cash from operating activities

Net cash from operating activities for the **three** six months ended **March 31, 2024** **June 30, 2024** was **\$18.5 million** **\$234.6 million** as compared to **\$28.0 million** **\$235.6 million** in the **comparable same** period of 2023. This **\$9.5 million decrease** in operating cash flows was attributable to 2023 as increased working capital balances and higher interest **paid** **partially** payments were mostly offset by higher operating income as well as lower payments for income taxes **paid**, and environmental liabilities.

Net cash used in investing activities

Net cash used in investing activities for the **three** six months ended **March 31, 2024** **June 30, 2024** was **\$609.9 million** **\$730.7 million**, an increase of **\$411.9 million** **\$383.4 million** from the comparable period in 2023. Cash used for acquisitions increased **\$366.8 million due to \$356.6 million** as we paid more for the **acquisition** acquisitions of HEPACO as well as smaller acquisitions completed during the three months ended March 31, 2024. In 2023 the cash used and Noble Oil in 2024 than we did for acquisitions was \$108.5 million **due to** the acquisition of Thompson **Industrial**, **Industrial** in 2023. Additions to Property, plant and equipment **net of proceeds from the sale and disposal of fixed assets** increased **\$57.1 million**, **\$68.7 million**, largely driven by **\$15.1** investments in vehicles, machinery and equipment for our operations and notable project spend including **\$15.4 million** spent on the Baltimore, Maryland **strategic project, facility, and** an increase of **\$7.5** **\$4.9 million** in capital spending for our **new** incinerator **construction project** in Kimball, **Nebraska** and other **investments in vehicles and equipment for our operations**, **Nebraska**. The remaining change in net cash used in investing activities was due to the timing of transactions within our wholly owned captive insurance company which resulted in a **\$2.1** **\$16.4 million** cash inflow in the **three** six months ended **March 31, 2024** **June 30, 2024** as compared to a **\$9.2** **\$24.2 million** cash outflow in the **three** six months ended 2023.

Net cash from (used in) financing activities

Net cash from financing activities for the **three** six months ended **March 31, 2024** **June 30, 2024** was **\$486.0 million** **\$455.5 million**, as compared to net cash used in financing activities of **\$18.4 million** **\$142.9 million** for the **three** six months ended **March 31, 2023** **June 30, 2023**. The primary drivers of this change were the incurrence of additional term loans net of discount **and deferred financing costs paid** of **\$494.7 million** **\$499.4 million** in 2024 as compared to a net repayment of term loans in 2023 of **\$114.0 million**. Partially offsetting this **the Company spent \$2.0 million more for repurchases activity was an increase in finance lease payments of common stock compared to 2023**, **\$3.9 million**.

Adjusted Free Cash Flow

Management considers adjusted free cash flow to be a measure of liquidity which provides useful information to both management, creditors and investors about our financial strength and our ability to generate cash. Additionally, adjusted free cash flow is a metric on which a portion of management incentive compensation is based. We believe that adjusted free cash flow should be viewed only as a supplement to the GAAP financial information. We define adjusted free cash flow as net cash from operating activities excluding cash impacts of items derived from non-operating activities, less additions to property, plant and equipment plus proceeds from sales or disposals of fixed assets. Adjusted free cash flow should not be considered an alternative to net cash from operating activities or other measurements under GAAP. Adjusted free cash flow is not calculated identically by all companies, and therefore our measurements of adjusted free cash flow may not be comparable to similarly titled measures reported by other companies.

The following is a reconciliation **from of** net cash from operating activities to adjusted free cash flow for the following periods (in thousands):

| | Three Months Ended | | Six Months Ended |
|---|--------------------|----------|------------------|
| | March 31, | June 30, | |
| | 2024 | 2023 | 2024 |
| Net cash from operating activities | | | |
| Additions to property, plant and equipment | | | |
| Proceeds from sale and disposal of fixed assets | | | |
| Proceeds from sale and disposal of fixed assets | | | |
| Adjusted free cash flow | | | |

Summary of Capital Resources

At **March 31, 2024** **June 30, 2024**, cash and cash equivalents and marketable securities totaled **\$442.6 million** **\$493.3 million**, compared to \$550.8 million at December 31, 2023. At **March 31, 2024** **June 30, 2024**, cash and cash equivalents held by our Canadian subsidiaries totaled **\$56.0 million** **\$31.0 million**. The cash and cash equivalents and marketable securities balance for our U.S. operations was **\$386.6 million** **\$462.3 million** at **March 31, 2024** **June 30, 2024**. Our U.S. operations had net operating cash inflows of **\$27.5 million** **\$257.9 million** for the **three** six months ended **March 31, 2024** **June 30, 2024**.

We also maintain a **\$400.0 million** **\$600.0 million** revolving credit facility of which, as of **March 31, 2024** **June 30, 2024**, approximately **\$268.0 million** **\$463.5 million** was available to borrow under the facility, with letters of credit of **\$132.0 million** **\$136.5 million** outstanding.

Material Capital Requirements

Capital Expenditures

Capital expenditures during the first **three** six months of 2024 was **\$137.9 million** were **\$273.0 million** as compared to **\$81.7 million** **\$204.3 million** during the first **three** six months of **2023 mainly 2023**. The increase was driven by the purchase of the incremental investments in our fleet and equipment and Baltimore, Maryland facility, **discussed below, as well as the** incremental spend on the Kimball **incinerator and additional investment in our fleet and equipment**, **incinerator**. We anticipate that 2024 capital spending, net of disposals, will be in the range of \$400.0 million to \$430.0 million. This projected amount is inclusive of includes capital expenditures of approximately **\$65.0** **\$65 million** to finish the Kimball, Nebraska incinerator project and approximately **\$20.0 million** **\$20 million** for **a strategic project in the acquisition and build out of our Baltimore, Maryland**, **Maryland facility**.

We anticipate that the capital spending will be funded by cash from our operations. Unanticipated changes in environmental regulations could require us to make significant capital expenditures for our facilities and adversely affect our results of operations and cash flow.

During the first **three** six months of 2024, capital spending on the construction of our new incinerator **at our in Kimball, Nebraska facility** was approximately **\$20.5 million** **\$40.4 million**. Total spending on the project as of **March 31, 2024** **June 30, 2024** was **\$155.2 million** **\$175.1 million**. We **expect** continue to anticipate that the **remaining spending total spend** for this project **to will** be approximately **\$51.7 million** **\$200.0 million** and we anticipate it will be **complete operational** in late 2024. Additionally, capital spending

on the strategic project in Baltimore, Maryland for the first six months of 2024 was approximately \$15.1 \$15.4 million for the purchase of the facility and site improvements and we expect to incur an additional \$5.0 million \$4.6 million relative to this project during the remainder of 2024.

Financing Arrangements

As of March 31, 2024 June 30, 2024, our financing arrangements include (i) \$545.0 million of 4.875% senior unsecured notes due 2027, (ii) \$1,476.2 million \$1,472.4 million of senior secured term loans due 2028, (iii) \$300.0 million of 5.125% senior unsecured notes due 2029 and (iv) \$500.0 million of 6.375% senior unsecured notes due 2031. As noted above, we also maintain our \$400.0 million \$600.0 million revolving credit facility with no amounts owed as of March 31, 2024 June 30, 2024.

The material terms of these arrangements are discussed further in Note 11, "Financing Arrangements," to the accompanying unaudited consolidated financial statements.

As of March 31, 2024 June 30, 2024, we were in compliance with the covenants of all of our debt agreements, and we believe we will continue to meet such covenants.

Common Stock Repurchases Pursuant to Publicly Announced Plan

In 2023 our Board of Directors The Company's common stock repurchases are made pursuant to the previously authorized a \$500.0 million expansion board approved plan to repurchase up to \$1.1 billion of the Company's existing share repurchase program for a total authorization of \$1.1 billion under the expanded plan. common stock. During the three and six months ended March 31, 2024 and March 31, 2023 June 30, 2024, the Company repurchased and retired a total of 27,265 23,397 and 22,250 50,662 shares, respectively, of the Company's common stock for total expenditures of approximately \$5.0 million and \$3.0 million \$10.0 million, respectively. During the three and six months ended June 30, 2023, the Company repurchased and retired a total of 36,473 and 58,723 shares, respectively, of the Company's common stock for total expenditures of \$5.0 million and \$8.0 million, respectively.

Through March 31, 2024 June 30, 2024, the Company has repurchased and retired a total of approximately 8.6 million shares of its common stock for approximately \$550.9 million \$555.9 million under the expanded board approved plan, and as of March 31, 2024 June 30, 2024, an additional \$549.1 million \$544.1 million remained available for repurchase of shares.

Environmental Liabilities

| (in thousands, except percentages) | (in thousands, except percentages) | March 31, 2024 | December 31, 2023 | Change | % Change | (in thousands, except percentages) | June 30, 2024 | December 31, 2023 | Change | % Change |
|--------------------------------------|--------------------------------------|----------------|-------------------|----------|----------|--------------------------------------|---------------|-------------------|--------|----------|
| Closure and post-closure liabilities | Closure and post-closure liabilities | \$ 119,572 | \$ 118,600 | \$ 972 | 0.8 | Closure and post-closure liabilities | \$ 119,112 | \$ 118,600 | \$ 512 | 0.4 |
| Remedial liabilities | | | | | | | | | | |
| Total environmental liabilities | Total environmental liabilities | \$ 229,358 | \$ 229,843 | \$ (485) | (0.2) | Total environmental liabilities | \$ 230,711 | \$ 229,843 | \$ 868 | 0.4 |

Total environmental liabilities as of March 31, 2024 June 30, 2024 were \$229.4 million \$230.7 million, relatively consistent with the balance as of December 31, 2023. During the three six months ended March 31, 2024 June 30, 2024, expenditures accretion of \$4.7 million \$6.5 million and increases in environmental liability estimates of \$4.1 million were partially offset by accretion expenditures of \$3.2 million and changes in estimates \$9.9 million. The liability estimate increase was primarily driven by a change a remedial liability estimate for the environmental liabilities a Superfund site of \$1.0 million. \$2.9 million.

We anticipate our environmental liabilities, substantially all of which we assumed in connection with our acquisitions, will be payable over many years and that cash flow from operations will generally be sufficient to fund the payment of such liabilities when required.

Events not anticipated (such as future changes in environmental laws and regulations) could require that payments to satisfy our environmental liabilities be made earlier or in greater amounts than currently anticipated, which could adversely affect our results of operations, cash flow and financial condition. Conversely, the development of new treatment technologies or other circumstances may arise in the future which may reduce amounts ultimately paid.

Letters of Credit

We obtain standby letters of credit as security for financial assurances we have been required to provide to regulatory bodies for our hazardous waste facilities and which would be called only in the event that we fail to satisfy closure, post-closure and other obligations under the permits issued by those regulatory bodies for such licensed facilities. As of March 31, 2024 June 30, 2024, there were \$132.0 million \$136.5 million outstanding letters of credit. See Note 11, "Financing Arrangements," to the accompanying unaudited consolidated financial statements.

Critical Accounting Policies and Estimates

There were no material changes in the first three six months of 2024 to the information provided under the heading "Critical Accounting Estimates" included in our Annual Report on Form 10-K for the year ended December 31, 2023. For more information regarding our accounting policies, please refer to Note 2, "Significant Accounting Policies" to the accompanying unaudited consolidated financial statements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

There were no material changes in the first **three six** months of 2024 to the information provided under Item 7A. "Quantitative and Qualitative Disclosures about Market Risk" in the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Based on an evaluation under the supervision and with the participation of our Co-Chief Executive Officers and Chief Financial Officer, as of the end of the period covered by this Quarterly Report on Form 10-Q, our Co-Chief Executive Officers and Chief Financial Officer have concluded that our disclosure controls and procedures (as defined under Rule 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")) were effective as of **March 31, 2024 June 30, 2024** to ensure that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission rules and forms and is accumulated and communicated to our management, including our Co-Chief Executive Officers and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

Changes in Internal Control over Financial Reporting

There were no changes in the Company's internal control over financial reporting identified in connection with the evaluation required by paragraph (d) of Exchange Act Rules 13a-15 or 15d-15 that was conducted during the **three months quarter** ended **March 31, 2024 June 30, 2024** that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

CLEAN HARBORS, INC. AND SUBSIDIARIES

PART II—OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

See Note 15, "Commitments and Contingencies," to the unaudited consolidated financial statements included in Item 1 of this report, which description is incorporated herein by reference.

ITEM 1A. RISK FACTORS

There have been no material changes to the risk factors from the information provided in Item 1A. in the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

Common Stock Repurchase Program

The following table provides information with respect to the shares of common stock repurchased by us for the periods indicated:

| Period | Total Number of Shares Purchased ⁽¹⁾ | Average Price Paid Per Share ⁽²⁾ | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in thousands) ⁽³⁾ |
|--|---|---|--|--|
| January 1, 2024 through January 31, 2024 | 198 | \$ 174.51 | — | \$ 554,101 |
| February 1, 2024 through February 29, 2024 | 31,784 | 180.64 | 23,700 | 549,755 |
| March 1, 2024 through March 31, 2024 | 12,211 | 182.92 | 3,565 | 549,101 |
| Total | 44,193 | \$ 181.24 | 27,265 | |

| Period | Total Number of Shares Purchased ⁽¹⁾ | Average Price Paid Per Share ⁽²⁾ | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in thousands) ⁽³⁾ |
|--------------------------------------|---|---|--|--|
| April 1, 2024 through April 30, 2024 | 3,841 | \$ 197.04 | — | \$ 549,101 |
| May 1, 2024 through May 31, 2024 | 24,580 | 213.16 | 23,397 | 544,101 |
| June 1, 2024 through June 30, 2024 | 2,469 | 216.59 | — | 544,101 |
| Total | 30,890 | \$ 211.43 | 23,397 | |

- (1) Includes 16,928,749 shares withheld by us from employees to satisfy employee tax obligations upon vesting of restricted stock granted to our employees under the Company's equity incentive plans.
- (2) The average price paid per share of common stock repurchased under the Company's stock repurchase program includes the commissions paid to brokers.
- (3) In 2023 our Board The Company's common stock repurchases are made pursuant to the stock repurchase plan, which was most recently authorized by the board of Directors authorized a \$500.0 million expansion directors on December 5, 2024, to repurchase up to \$1.1 billion of the Company's existing share common stock. The stock repurchase program plan will expire when all of the available allotted funds under the stock repurchase plan are depleted. As of March 31, 2024 June 30, 2024, the amount available for repurchase under the expanded board approved plan is \$549.1 million \$544.1 million. We have funded and intend to fund the repurchases through available cash resources. The stock repurchase program authorizes us to purchase our common stock on the open market or in privately negotiated transactions periodically in a manner that complies with applicable U.S. securities laws. The number of shares purchased and the timing of the purchases has depended and will depend on several factors, including share price, cash required for business plans, trading volume and other conditions. As part of our share repurchase program, we maintain a repurchase plan in accordance with Rule 10b5-1 promulgated under the Securities Exchange Act of 1934, as amended. During the three months ended March 31, 2024 June 30, 2024, no shares were repurchased under the Rule 10b5-1 plan. Future repurchases may be made as open market or privately negotiated transactions as described above. We have no obligation to repurchase stock under this program and may suspend or terminate the repurchase program at any time.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable

ITEM 5. OTHER INFORMATION

During On May 23, 2024, Ms. Lauren States, a member of the quarter ended March 31, 2024, no director or "officer" (as defined in Rule 16a-1(f)) Company's board of Clean Harbors, Inc. directors, adopted or terminated a trading arrangement for the sale of shares of the Company's common stock (a "Rule 10b5-1 trading arrangement" or "non-Rule Trading Plan") that is intended to satisfy the affirmative defense conditions of Securities Exchange Act Rule 10b5-1(c). Ms. States' Rule 10b5-1 trading arrangement," as each Trading Plan, which has a term is defined in Item 408(a) from September 15, 2024 to February 28, 2025, provides for the sale of Regulation S-K.

up to 1,849 shares of common stock pursuant to the terms of the Rule 10b5-1 Trading Plan.

ITEM 6. EXHIBITS

| Item | | | | Item | | |
|------|----------|--|----------|------|-------------|----------|
| No. | Item No. | Description | Location | No. | Description | Location |
| | 10.1 | Incremental Facility Amendment No. 5 to Credit Agreement, dated as of March 22, 2024, to Credit Agreement dated as of June 30, 2017, as previously amended, among Clean Harbors, Inc., as the Borrower, each of the entities listed as an Incremental Lender on the signature pages thereto, Goldman Sachs Lending Partners LLC, as administrative agent and collateral agent, and the other Loan Parties party thereto. | | | (1) | |
| | 10.1+ | Seventh Amended and Restated Credit Agreement dated as of June 28, 2024 among Clean Harbors, Inc., as the U.S. Borrower, Clean Harbors Industrial Services Canada, Inc., as the Canadian Borrower, Bank of America, N.A., as Administrative Agent, and the Lenders party thereto | | | (1) | |
| | 10.2 | | | | | |
| | 10.2 | | | | | |
| | 10.2 | Second Amendment, dated as of March 22, 2024 to Sixth Amended and Restated Credit Agreement dated as of October 28, 2020, as amended, among Clean Harbors, Inc., as the U.S. Borrower, Clean Harbors Industrial Services Canada, Inc., as the Canadian Borrower, Bank of America, N.A., as Administrative Agent and the Lenders party thereto. | | | (2) | |
| | 10.2+ | | | | | |
| | 10.2+ | | | | | |

| | | | | | |
|---------|---|--------------------|---|--|----------------|
| 10.2+ | Second Amended and Restated Confirmation and Ratification of Ancillary Loan Documents dated as of June 28, 2024 among Clean Harbors, Inc., as the U.S. Borrower, Clean Harbors Industrial Services Canada, Inc., as the Canadian Borrower, the subsidiaries of Clean Harbors, Inc. listed on Annex A thereto or that thereafter become a party thereto as Grantors, and Bank of America, N.A., as Agent for its own benefit and the benefit of the other Lenders and Credit Parties | | | | (2) |
| 10.3 | | | | | |
| 10.3 | | | | | |
| 10.3 | Clean Harbors Employee Stock Purchase Plan | | | | (3) |
| 31.1 | | | | | |
| 31.1 | | | | | |
| 31.1 | Rule 13a-14a/15d-14(a) Certification of the Co-CEO Michael L. Battles | Filed herewith | Rule 13a-14a/15d-14(a) Certification of the Co-CEO Michael L. Battles | Filed herewith | |
| 31.2 | | | | | |
| 31.2 | | | | | |
| 31.2 | Rule 13a-14a/15d-14(a) Certification of the Co-CEO Eric W. Gerstenberg | | Filed herewith | Rule 13a-14a/15d-14(a) Certification of the Co-CEO Eric W. Gerstenberg | Filed herewith |
| 31.3 | | | | | |
| 31.3 | | | | | |
| 31.3 | Rule 13a-14a/15d-14(a) Certification of the CFO Eric J. Dugas | Filed herewith | Rule 13a-14a/15d-14(a) Certification of the CFO Eric J. Dugas | Filed herewith | |
| 32 | | | | | |
| 32 | | | | | |
| 32 | Section 1350 Certifications | Furnished herewith | Section 1350 Certifications | Furnished herewith | |
| 101.SCH | | | | | |
| 101.SCH | | | | | |
| 101.SCH | Inline XBRL Taxonomy Extension Schema Document | Filed herewith | Inline XBRL Taxonomy Extension Schema Document | Filed herewith | |
| 101.CAL | | | | | |
| 101.CAL | | | | | |
| 101.CAL | Inline XBRL Taxonomy Extension Calculation Linkbase Document | | Filed herewith | Inline XBRL Taxonomy Extension Calculation Linkbase Document | Filed herewith |
| 101.LAB | | | | | |
| 101.LAB | | | | | |

| | | | | |
|---------|---|----------------|---|----------------|
| 101.LAB | Inline XBRL Taxonomy Extension Label Linkbase Document | Filed herewith | Inline XBRL Taxonomy Extension Label Linkbase Document | Filed herewith |
| 101.PRE | | | | |
| 101.PRE | | | | |
| 101.PRE | Inline XBRL Taxonomy Extension Presentation Linkbase Document | Filed herewith | Inline XBRL Taxonomy Extension Presentation Linkbase Document | Filed herewith |
| 101.DEF | | | | |
| 101.DEF | | | | |
| 101.DEF | Inline XBRL Taxonomy Extension Definition Linkbase Document | Filed herewith | Inline XBRL Taxonomy Extension Definition Linkbase Document | Filed herewith |
| 104 | | | | |
| 104 | | | | |
| 104 | Cover Page Interactive Data File (formatted as Inline XBRL with applicable taxonomy extension information contained in Exhibits 101*) | Filed herewith | Cover Page Interactive Data File (formatted as Inline XBRL with applicable taxonomy extension information contained in Exhibits 101*) | Filed herewith |

(1) Incorporated by reference to Exhibit 4.43G 4.43.3 to the Company's Company's Current Report on Form 8-K filed on March 25, 2024 July 2, 2024.

(2) Incorporated by reference to Exhibit 4.34 3 4.43I to the Company's Company's Current Report on Form 8-K filed on March 25, 2024 July 2, 2024.

(3) Incorporated by reference to Exhibit 10.66 to the Company's Current Report on Form 8-K filed on May 23, 2024.

+ Certain schedules and similar attachments have been omitted. The Company agrees to furnish a supplemental copy to the SEC upon request.

CLEAN HARBORS, INC. AND SUBSIDIARIES

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.

CLEAN HARBORS, INC.

By: /s/ MICHAEL L. BATTLES

Michael L. Battles
Co-Chief Executive Officer and Co-President

Date: **May 1, July 31, 2024**

By: /s/ ERIC W. GERSTENBERG

Eric W. Gerstenberg
Co-Chief Executive Officer and Co-President

Date: **May 1, July 31, 2024**

By: /s/ ERIC J. DUGAS

Eric J. Dugas
Executive Vice President and Chief Financial Officer

Date: **May 1, July 31, 2024**

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EXHIBIT 31.1

CERTIFICATION OF CO-CHIEF EXECUTIVE OFFICER

I, Michael L. Battles, certify that:

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

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

/s/ MICHAEL L. BATTLES

Michael L. Battles
Co-Chief Executive Officer and Co-President

Date: May 1, 2024 July 31, 2024

EXHIBIT 31.2

CERTIFICATION OF CO-CHIEF EXECUTIVE OFFICER

I, Eric W. Gerstenberg, certify that:

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

/s/ ERIC W. GERSTENBERG

Eric W. Gerstenberg
Co-Chief Executive Officer and Co-President

Date: May 1, 2024 July 31, 2024

CERTIFICATION OF CHIEF FINANCIAL OFFICER

I, Eric J. Dugas, certify that:

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

/s/ ERIC J. DUGAS

Eric J. Dugas

Executive Vice President and Chief Financial Officer

Date: May 1, 2024 July 31, 2024

CLEAN HARBORS, INC. AND SUBSIDIARIES

CERTIFICATION PURSUANT TO
SECTION 1350, CHAPTER 63 OF TITLE 18, UNITED STATES CODE,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES OXLEY ACT OF 2002

Pursuant to 18 U.S.C. §1350, each of the undersigned certifies that, to his knowledge, this Quarterly Report on Form 10-Q for the period ended **March 31, 2024** **June 30, 2024** fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and the information contained in this report fairly presents, in all material respects, the financial condition and results of operations of Clean Harbors, Inc.

By: /s/ MICHAEL L. BATTLES
Michael L. Battles
Co-Chief Executive Officer and Co-President

Date: May 1, July 31, 2024

By: /s/ ERIC W. GERSTENBERG
Eric W. Gerstenberg
Co-Chief Executive Officer and Co-President

Date: May 1, July 31, 2024

By: /s/ ERIC J. DUGAS
Eric J. Dugas
Executive Vice President and Chief Financial Officer

Date: May 1, July 31, 2024

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